Prepared for
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Project No.
1940106781-002

2024 40 C.F.R. § 257 ANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT

FLY ASH POND SYSTEM

BALDWIN POWER PLANT

BALDWIN, ILLINOIS

CCR UNIT 605

RAMBOLL Bright ideas. Sustainable change.

2024 40 C.F.R. § 257 ANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT BALDWIN POWER PLANT FLY ASH POND SYSTEM

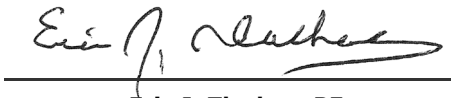
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ACRONYMS AND ABBREVIATIONS

35 I.A.C.	Title 35 of the Illinois Administrative Code
40 C.F.R.	Title 40 of the Code of Federal Regulations
A7	Quarter 1, 2024 Assessment Monitoring sampling event
A7R	Quarter 2, 2024 Assessment Monitoring resampling event
A7D	Quarter 3, 2024 Assessment Monitoring sampling event
A7DR	Quarter 4, 2024 Assessment Monitoring resampling event
ASD	Alternative Source Demonstration
BPP	Baldwin Power Plant
CCR	coal combustion residuals
CMA	Corrective Measures Assessment
FAPS	Fly Ash Pond System
GWPS	groundwater protection standard
IEPA	Illinois Environmental Protection Agency
NA	not applicable
OBG	OBG, Part of Ramboll
Ramboll	Ramboll Americas Engineering Solutions, Inc.
SAP	Sampling and Analysis Plan
SSI	statistically significant increase
SSL	statistically significant level
TBD	to be determined

EXECUTIVE SUMMARY

This report has been prepared to provide the information required by Title 40 of the Code of Federal Regulations (40 C.F.R.) § 257.90(e) for the Fly Ash Pond System (FAPS) located at the Baldwin Power Plant (BPP) near Baldwin, Illinois.

Groundwater is being monitored at the FAPS in accordance with the Assessment Monitoring Program requirements specified in 40 C.F.R. § 257.95. Assessment monitoring was initiated at the FAPS on April 9, 2018.

In 2024, background monitoring wells MW-306 and MW-358 and compliance monitoring wells MW-253, MW-350, and MW-391 were abandoned at the FAPS. Four of the five wells were replaced: MW-358R, MW-253R, MW-350R, and MW-391R. Related updates were made to background concentrations. Updates to the Groundwater Monitoring Plan (Ramboll Americas Engineering Solutions, Inc. [Ramboll], 2023a) to reflect these changes are pending.

As required by 40 C.F.R. § 257.95(g)(3)(i), a Corrective Measures Assessment (CMA) (OBG, Part of Ramboll [OBG], 2019) following the requirements of 40 C.F.R. § 257.96 was initiated on May 8, 2019 and completed on September 5, 2019 to address a Statistically Significant Level (SSL) of total lithium above the groundwater protection standard (GWPS) determined during Assessment Monitoring.

The CMA indicated the source control measure consists of closure in place with a final cover system of earthen material in accordance with the Closure and Post Closure Care Plan for the Baldwin Fly Ash Pond System submitted to the Illinois Environmental Protection Agency (IEPA) in March 2016. IEPA approved the Closure and Post Closure Care Plan on August 16, 2016. Construction of the final cover system was initiated in 2018 and completed in November 2020.

The CMA was revised on November 15, 2019 to address typographical errors. Additional revisions were made to the CMA on November 30, 2020 (Ramboll, 2020) to include additional information related to site geology/hydrogeology and the potential groundwater corrective measures.

An SSL of total fluoride above the GWPS was determined at well MW-384 late in 2024 and will be incorporated into the groundwater corrective action plan referenced below. Statistically significant increases (SSIs) of Appendix III parameters above background values were also determined as discussed in **Section 3**; therefore, the FAPS remains in the Assessment Monitoring Program.

The FAPS is also regulated under 35 I.A.C. § 845. Quarterly groundwater sampling for 35 I.A.C. § 845 compliance evaluation was initiated at the FAPS during Quarter 2, 2023. Exceedances of GWPSs established under 35 I.A.C. § 845 were determined and require corrective action through a permitting process administered by the IEPA. Therefore, remedy selection will take into consideration compliance with both 40 C.F.R. § 257 and 35 I.A.C. § 845.

In accordance with 40 C.F.R. § 257.97, remedy selection is to be completed as soon as feasible following completion of the CMA. As required by 35 I.A.C. § 845.670, a corrective action plan that identifies the selected remedy must be submitted to the IEPA within one year after completing the CMA in accordance with 35 I.A.C. § 845.660.

The 35 I.A.C. § 845 CMA was submitted to the IEPA on April 24, 2024. A corrective action plan will be submitted to IEPA on or before April 24, 2025 that meets the requirements of both 40

C.F.R. § 257 and 35 I.A.C. § 845. Activities currently ongoing in support of developing the corrective action plan include development of a corrective action alternatives analysis, human health and ecological risk assessment, and supporting technical documents. Semiannual remedy selection progress reports are being completed as required by 40 C.F.R. § 257.97(a).

1. INTRODUCTION

This report has been prepared by Ramboll on behalf of Dynegy Midwest Generation, LLC, to provide the information required by 40 C.F.R. § 257.90(e) for the FAPS located at the BPP near Baldwin, Illinois.

In accordance with 40 C.F.R. § 257.90(e), the owner or operator of a coal combustion residuals (CCR) unit must prepare an Annual Groundwater Monitoring and Corrective Action Report for the preceding calendar year that documents the status of the Groundwater Monitoring and Corrective Action Program for the CCR unit (**Section 2**), summarizes key actions completed (**Section 3**), describes any problems encountered and actions to resolve the problems (**Section 4**), and projects key activities for the upcoming year (**Section 5**). At a minimum, the annual report must contain the following information, to the extent available:

1. A map, aerial image, or diagram showing the CCR unit and all background (or upgradient) and downgradient monitoring wells, to include the well identification numbers, that are part of the groundwater monitoring program for the CCR unit (**Figure 1**).
2. Identification of any monitoring wells that were installed or decommissioned during the preceding year, along with a narrative description of why those actions were taken (**Section 3, paragraph 1**).
3. In addition to all the monitoring data obtained under §§ 257.90 through 257.98, a summary including the number of groundwater samples that were collected for analysis for each background and downgradient well, the dates the samples were collected, and whether the sample was required by the detection monitoring or assessment monitoring programs (**Section 3, Table A**).
4. A narrative discussion of any transition between monitoring programs (*e.g.*, the date and circumstances for transitioning from detection monitoring to assessment monitoring in addition to identifying the constituent(s) detected at a statistically significant increase relative to background levels) (**Section 2**).
5. Other information required to be included in the annual report as specified in §§ 257.90 through 257.98.
6. A section at the beginning of the annual report that provides an overview of the current status of groundwater monitoring and corrective action programs for the CCR unit (see **Executive Summary**). At a minimum, the summary must specify all of the following:
    i. At the start of the current annual reporting period, whether the CCR unit was operating under the detection monitoring program in §257.94 or the assessment monitoring program in §257.95.
    ii. At the end of the current annual reporting period, whether the CCR unit was operating under the detection monitoring program in §257.94 or the assessment monitoring program in §257.95.
    iii. If it was determined that there was a statistically significant increase over background for one or more constituents listed in Appendix III of §257 pursuant to §257.94(e):
        A. Identify those constituents listed in Appendix III of §257 and the names of the monitoring wells associated with such an increase.

B. Provide the date when the assessment monitoring program was initiated for the CCR unit.

iv. If it was determined that there was a statistically significant level above the groundwater protection standard [GWPS] for one or more constituents listed in Appendix IV of §257 pursuant to §257.95(g) include all of the following:

A. Identify those constituents listed in Appendix IV of §257 and the names of the monitoring wells associated with such an increase.

B. Provide the date when the assessment of corrective measures was initiated for the CCR unit.

C. Provide the date when the public meeting was held for the assessment of corrective measures for the CCR unit.

D. Provide the date when the assessment of corrective measures was completed for the CCR unit.

v. Whether a remedy was selected pursuant to §257.97 during the current annual reporting period, and if so, the date of remedy selection.

vi. Whether remedial activities were initiated or are ongoing pursuant to § 257.98 during the current annual reporting period.

This report provides the required information for the FAPS for calendar year 2024.

2. MONITORING AND CORRECTIVE ACTION PROGRAM STATUS

Groundwater is being monitored at the FAPS in accordance with the Assessment Monitoring Program requirements specified in 40 C.F.R. § 257.95. Assessment monitoring was initiated on April 9, 2018. SSLs were determined for the FAPS and alternative source evaluations were inconclusive for one or more SSLs. In accordance with 40 C.F.R. § 257.95(g)(5), a CMA following the requirements of 40 C.F.R. § 257.96 was initiated on May 8, 2019 and completed on September 5, 2019 to address an SSL for total lithium. The CMA was revised on November 15, 2019 to address typographical errors.

A public meeting was held on December 2, 2019 at the the Red Bud High School Gymnasium in Red Bud, Illinois to discuss the results of the CMA in accordance with 40 C.F.R. § 257.96(e).

The CMA indicated the source control measure consists of closure in place with a final cover system of earthen material in accordance with the Closure and Post Closure Care Plan for the Baldwin Fly Ash Pond System submitted to the IEPA in March 2016. IEPA approved the Closure and Post Closure Care Plan on August 16, 2016. Construction of the final cover system was initiated in 2018 and completed in November 2020.

The CMA was revised on November 30, 2020 to include additional information related to site geology/hydrogeology and the potential groundwater corrective measures.

An SSL of total fluoride above GWPSs was determined at well MW-384 late in 2024 and will be incorporated into the groundwater corrective action plan referenced below. The FAPS remains in the Assessment Monitoring Program in accordance with 40 C.F.R. § 257.96(b).

The FAPS is also regulated under 35 I.A.C. § 845. Quarterly groundwater sampling for 35 I.A.C. § 845 compliance evaluation was initiated at the FAPS during Quarter 2, 2023. Exceedances of GWPSs established under 35 I.A.C. § 845 were determined and require corrective action through a permitting process administered by IEPA. Therefore, remedy selection will take into consideration compliance with both 40 C.F.R. § 257 and 35 I.A.C. § 845.

In accordance with 40 C.F.R. § 257.97, remedy selection is to be completed as soon as feasible following completion of the CMA. As required by 35 I.A.C. § 845.670, a corrective action plan that identifies the selected remedy must be submitted to IEPA within one year after completing the CMA in accordance with 35 I.A.C. § 845.660.

The 35 I.A.C. § 845 CMA was submitted to IEPA on April 24, 2024. A corrective action plan will be submitted to IEPA on or before April 24, 2025 that meets the requirements of both 40 C.F.R. § 257 and 35 I.A.C. § 845. Activities currently ongoing in support of developing the corrective action plan include development of a corrective action alternatives analysis, human health and ecological risk assessment, and supporting technical documents. Semiannual remedy selection progress reports are being completed as required by 40 C.F.R. § 257.97(a).

3. KEY ACTIONS COMPLETED IN 2024

The groundwater monitoring system, including the CCR unit and all background and compliance monitoring wells, is presented in **Figure 1**. In May 2024, background monitoring well MW-306 and compliance monitoring wells MW-253 and MW-350 at the FAPS were abandoned due to grout contamination following review and approval of an associated work plan with the IEPA (due to regulation of the FAPS under 35 I.A.C. § 845). During the associated field mobilization, compliance well MW-391 was inspected following erratic constituent concentrations and groundwater elevation behavior. During the inspection, one of the casing joints in MW-391 was observed to be compromised. As replacement options were identified and considered for MW-391, abnormally high groundwater elevations were observed in background well MW-358. Consequently, MW-358 was also inspected and one of the casing joints in MW-358 was also observed to be compromised. Both MW-391 and MW-358 were subsequently abandoned and replaced in October 2024. Updates to the monitoring system are summarized in **Table A** below.

Table A. Groundwater Monitoring System Updates

Well type	40 C.F.R. § 257 (2015-2021)	40 C.F.R. § 257/ 35 I.A.C. § 845 (2022)	40 C.F.R. § 257/ 35 I.A.C. § 845 (after July 2023)	40 C.F.R. § 257/ 35 I.A.C. § 845 (after October 2024)
Background	MW-304	MW-304	MW-304	MW-304
Background	MW-306	MW-306	MW-306	
Compliance	MW-350	MW-350	MW-350	MW-350R
Compliance	MW-366	MW-366	MW-366	MW-366
Compliance	MW-375	MW-375	MW-375	MW-375
Compliance	MW-377	MW-377	MW-377	MW-377
Compliance	MW-383	MW-383	MW-383	MW-383
Compliance	MW-384	MW-384	MW-384	MW-384
Compliance	MW-390	MW-390	MW-390	MW-390
Compliance	MW-391	MW-391	MW-391	MW-391R
Compliance		MW-150	MW-150	MW-150
Compliance		MW-151	MW-151	MW-151
Compliance		MW-152	MW-152	MW-152
Compliance		MW-153	MW-153	MW-153
Compliance		MW-252	MW-252	MW-252
Compliance		MW-253	MW-253	MW-253R
Compliance		MW-352	MW-352	MW-352
Background			MW-358	MW-358R

A summary of the samples collected from background and compliance monitoring wells in 2023 under the assessment monitoring program is included in **Table B** on the following page. One groundwater sample was collected from the background and compliance wells noted during each monitoring event.

The FAPS is also regulated under 35 I.A.C. § 845, which requires quarterly monitoring. The groundwater monitoring systems for both programs (35 I.A.C. § 845 and 40 C.F.R. § 257) are identical, so all available data from the four quarterly monitoring events in 2023 are included in this report. All samples were collected and analyzed in accordance with the Multi-Site Sampling and Analysis Plan (SAP) (Ramboll, 2023b). Data collected in accordance with 35 I.A.C. § 845 was included for statistical calculations performed in accordance with 40 C.F.R. § 257.93; however, SSLs are reported semiannually per 40 C.F.R. § 257.95(d)(1).

Potentiometric surfaces for the quarterly sampling events are included in **Figures 2 through 5**. All monitoring data and analytical results obtained under 40 C.F.R. § 257.90 through 257.98 and 35 I.A.C. § 845 in 2023 are presented in **Tables 1 through 3**. All associated laboratory reports and field data sheets are included in **Appendix A**.

Analytical data were evaluated in accordance with the Multi-Site Statistical Analysis Plan (Ramboll, 2022a), the Multi-Site Quality Assurance Project Plan (Ramboll, 2022b), and the Multi-Site Data Management Plan (Ramboll, 2022c) to determine any SSLs of Appendix IV parameters over GWPSs and SSIs of Appendix III parameters greater than background values. SSL notifications were completed in accordance with 40 C.F.R. § 257.95(g). SSIs are highlighted in **Table 2**. Statistical background values are provided in **Table 4** and a flow chart showing the statistical methodology for determination of background values is included as **Appendix B**. Background concentrations were recalculated following the removal of MW-306 from the monitoring system. Updated background concentrations are summarized on **Tables 4 and 5**, and characteristics of the background data set are provided in **Appendix C**.

GWPSs are provided in **Table 5**. A summary of the determination of SSLs is included in **Table 6**. A flow chart showing the statistical methodology for determination of SSLs is included as **Appendix D**.

Table B. 2024 Assessment Monitoring Program Summary

Event ID	Sampling Dates [1]	Analytical Data Receipt Date [2]	SSL(s) Determination Date	SSL(s)	ASD Completion Date	CMA Initiation Date
A7	February 5 - 8, 2024[3, 4, 5]	March 11, 2024	June 9, 2024	None	NA	NA
A7R	April 16 – 18, 2024[3, 6]	May 20, 2024	NA	NA	NA	NA
A7D	July 17 – 22, 2024[3, 6, 7, 8]	August 26, 2024	November 24, 2024	Fluoride at well MW-384	NA[9]	TBD
A7DR	October 15 – November 1, 2024[10, 11]	December 6, 2024	NA	NA	NA	NA

Notes:

ASD: Alternative Source Demonstration

CMA: Corrective Measures Assessment

NA: not applicable

SSL: Statistically Significant Level

TBD: to be determined

[1] All samples were analyzed for Appendix III parameters listed in 40 C.F.R. § 257.94(e) and Appendix IV parameters listed in 40 C.F.R. § 257.95(g) unless otherwise noted.

[2] Data collected in accordance with 35 I.A.C. § 845 was included for statistical calculations performed in accordance with 40 C.F.R. § 257.95(d)(1); however, SSLs are reported semiannually per 40 C.F.R. § 257.

[3] The following background wells were sampled: MW-304, MW-358

[4] The following compliance wells were sampled: MW-150, MW-151, MW-152, MW-153, MW-252, MW-253, MW-350, MW-352, MW-366, MW-375, MW-377, MW-383, MW-384, MW-390, and MW-391

[5] Limited sample volume was available from MW-391 and only Radium 226 + 228 was analyzed as a result

[6] The following compliance wells were sampled: MW-150, MW-151, MW-152, MW-153, MW-252, MW-352, MW-366, MW-375, MW-377, MW-383, MW-384, and MW-390

[7] The following compliance wells were sampled: MW-150, MW-151, MW-152, MW-153, MW-252, MW-253R, MW-350R, MW-352, MW-366, MW-375, MW-377, MW-383, MW-384, MW-390, and MW-391

[8] An additional sample was collected from MW-253R on August 28, 2024 for monitoring associated with 35 I.A.C. § 845 and the resulting data was utilized in A7DR compliance statistics so it is included in this report

[9] The SSL determined for this event will be addressed in the corrective action plan required by 35 I.A.C. § 845.670

[10] The following background wells were sampled: MW-304 and MW-358R

[11] The following compliance wells were sampled: MW-150, MW-151, MW-152, MW-153, MW-252, MW-253R, MW-350R, MW-352, MW-366, MW-375, MW-377, MW-383, MW-384, and MW-390

4. PROBLEMS ENCOUNTERED AND ACTIONS TO RESOLVE THE PROBLEMS

Background monitoring well MW-306 and compliance monitoring wells MW-253 and MW-350 were abandoned in Quarter 2, 2024 due to suspected grout contamination. The two compliance monitoring wells were replaced in May 2024 (MW-253R and MW-350R) and sampled during the Quarter 3 and Quarter 4, 2024 events. As noted in **Section 3**, background concentrations were updated to exclude all data from MW-306 (**Tables 4 and 5** and **Appendix C**).

In Quarter 3, 2024, it was determined that background monitoring well MW-358 and compliance monitoring well MW-391 were compromised. These monitoring wells were abandoned in October 2024, and replaced with monitoring wells MW-358R and MW-391R, respectively. The replacement monitoring well MW-358R was sampled during the Quarter 4, 2024 event. Monitoring well MW-391R went dry during purge; therefore, a groundwater sample was not collected for this sampling event. Background concentrations were updated as described above (to exclude data from former background well MW-306) before MW-358 became compromised based upon observed concentrations at that well. Consequently, further updates to background are not necessary at this time, and data from background well MW-358 generated after it became compromised (*i.e.*, data collected during 2024) will be excluded from future background updates. The populations of data collected from MW-358 prior to 2024 and from MW-358R will be compared once eight samples have been collected from MW-358R to determine if data from MW-358 and MW-358R should be pooled for the purposes of updating background concentrations.

Updates to the Groundwater Monitoring Plan (Ramboll, 2023a) to reflect these changes are pending.

Groundwater samples were collected and analyzed in accordance with the SAP and all data were accepted.

5. KEY ACTIVITIES PLANNED FOR 2025

The following key activities are planned for 2025:

- Continuation of the assessment monitoring program with semiannual sampling for reporting purposes scheduled for the first and third quarters of 2025 (and sampling for 35 I.A.C. § 845 scheduled for the second and fourth quarters).
- Complete evaluation of analytical data from the compliance wells to determine whether an SSL of Appendix IV parameters above GWPSs has occurred.
- If an SSL is identified, potential alternative sources (*i.e.,* a source other than the CCR unit caused the SSL or that the SSL resulted from error in sampling, analysis, statistical evaluation, or natural variation in groundwater quality) will be evaluated.
  - If an alternative source is identified to be the cause of the SSL, a written demonstration will be completed within 90 days of SSL determination and included in the 2025 Annual Groundwater Monitoring and Corrective Action Report.
  - If an alternative source(s) is not identified to be the cause of the SSL, the applicable requirements of 40 C.F.R. §§ 257.94 through 257.98 (*e.g.,* assessment of corrective measures) as may apply in 2025 will be met, including associated recordkeeping/notifications required by 40 C.F.R. §§ 257.105 through 257.108.
- Remedy selection will take into consideration compliance with both 40 C.F.R. § 257 and 35 I.A.C. § 845, with a corrective action plan required by 35 I.A.C. § 845.670 to be submitted to IEPA on or before April 24, 2025; semiannual progress reports required by 40 C.F.R. § 257.97(a) will continue to be completed and posted to the publicly accessible website as required by 40 C.F.R. § 257.107(h)(9).

6. REFERENCES

Code of Federal Regulations, Title 40, Chapter I, Subchapter I, Part 257, Subpart D, Standards for the Disposal of Coal Combustion Residuals in Landfills and Surface Impoundments, effective April 17, 2015. Accessed from URL https://www.ecfr.gov/current/title-40/chapter-I/subchapter-I/part-257/subpart-D#page-top

OBG, Part of Ramboll (OBG), 2019. Corrective Measures Assessment, Baldwin Fly Ash Pond System (FAPS), Baldwin Energy Complex, 10901 Baldwin Road, Baldwin, Illinois, Dynegy Midwest Generation, LLC, September 5, 2019.

Ramboll Americas Engineering Solutions, Inc. (Ramboll), 2020. Corrective Measures Assessment Revision 2, Baldwin Fly Ash Pond System (FAPS), Baldwin Energy Complex, 10901 Baldwin Road, Baldwin, Illinois, Dynegy Midwest Generation, LLC, November 30, 2020.

Ramboll Americas Engineering Solutions, Inc. (Ramboll), 2022a. Multi-Site Statistical Analysis Plan, 40 C.F.R. § 257. December 28, 2022.

Ramboll Americas Engineering Solutions, Inc. (Ramboll), 2022b. Multi-Site Quality Assurance Project Plan. December 28, 2022.

Ramboll Americas Engineering Solutions, Inc. (Ramboll), 2022c. Multi-Site Data Management Plan. December 28, 2022.

Ramboll Americas Engineering Solutions, Inc. (Ramboll), 2023a. 40 C.F.R. § 257 Groundwater Monitoring Plan, Fly Ash Pond System, Baldwin Power Plant, Baldwin, Illinois. July 26, 2023.

Ramboll Americas Engineering Solutions, Inc. (Ramboll), 2023b. Multi-Site Sampling and Analysis Plan, Revision 1. October 10, 2023.

TABLES

TABLE 1
GROUNDWATER ELEVATION DATA
2024 40 C.F.R. § 257 ANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT
BALDWIN POWER PLANT
FLY ASH POND SYSTEM
BALDWIN, IL

Well ID	Well Type	Monitored Unit	Date	Depth to Groundwater (feet BMP)	Groundwater Elevation (feet NAVD88)
MW-150	Compliance	PMP	01/10/2024	19.85	376.86
MW-150	Compliance	PMP	02/05/2024	19.45	377.26
MW-150	Compliance	PMP	03/15/2024	19.29	377.41
MW-150	Compliance	PMP	04/15/2024	18.76	377.95
MW-150	Compliance	PMP	05/15/2024	17.76	378.94
MW-150	Compliance	PMP	06/15/2024	19.64	377.06
MW-150	Compliance	PMP	07/15/2024	18.10	378.61
MW-150	Compliance	PMP	08/14/2024	DM[7]	
MW-150	Compliance	PMP	09/14/2024	DM[7]	
MW-150	Compliance	PMP	10/14/2024	20.25	376.68
MW-150	Compliance	PMP	11/10/2024	19.21	377.71
MW-150	Compliance	PMP	12/10/2024	19.46	377.47
MW-151	Compliance	PMP	01/10/2024	6.95	393.18
MW-151	Compliance	PMP	02/05/2024	6.54	393.59
MW-151	Compliance	PMP	03/15/2024	6.58	393.54
MW-151	Compliance	PMP	04/15/2024	5.99	394.14
MW-151	Compliance	PMP	05/15/2024	4.98	395.14
MW-151	Compliance	PMP	06/15/2024	DM[7]	
MW-151	Compliance	PMP	07/15/2024	6.39	393.74
MW-151	Compliance	PMP	08/14/2024	DM[7]	
MW-151	Compliance	PMP	09/14/2024	DM[7]	
MW-151	Compliance	PMP	10/14/2024	7.12	393.10
MW-151	Compliance	PMP	11/10/2024	DM[7]	
MW-151	Compliance	PMP	12/10/2024	6.43	393.79
MW-152	Compliance	PMP	01/10/2024	7.03	418.13
MW-152	Compliance	PMP	02/05/2024	5.69	419.47
MW-152	Compliance	PMP	03/15/2024	6.05	419.10
MW-152	Compliance	PMP	04/15/2024	5.91	419.25
MW-152	Compliance	PMP	05/15/2024	5.54	419.61
MW-152	Compliance	PMP	06/15/2024	7.31	417.84
MW-152	Compliance	PMP	07/15/2024	6.89	418.27
MW-152	Compliance	PMP	08/14/2024	8.09	417.01
MW-152	Compliance	PMP	09/14/2024	8.75	416.35
MW-152	Compliance	PMP	10/14/2024	7.99	417.12
MW-152	Compliance	PMP	11/10/2024	6.29	418.81
MW-152	Compliance	PMP	12/10/2024	6.83	418.28
MW-153	Compliance	PMP	01/10/2024	16.02	429.82
MW-153	Compliance	PMP	02/05/2024	15.02	430.82
MW-153	Compliance	PMP	03/15/2024	14.54	431.29
MW-153	Compliance	PMP	04/15/2024	12.84	433.00
MW-153	Compliance	PMP	05/15/2024	DM[7]	
MW-153	Compliance	PMP	06/15/2024	DM[7]	
MW-153	Compliance	PMP	07/15/2024	13.89	431.95
MW-153	Compliance	PMP	08/14/2024	15.51	430.33
MW-153	Compliance	PMP	09/14/2024	16.94	428.90
MW-153	Compliance	PMP	10/14/2024	16.02	429.83

TABLE 1
GROUNDWATER ELEVATION DATA
2024 40 C.F.R. § 257 ANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT
BALDWIN POWER PLANT
FLY ASH POND SYSTEM
BALDWIN, IL

Well ID	Well Type	Monitored Unit	Date	Depth to Groundwater (feet BMP)	Groundwater Elevation (feet NAVD88)
MW-153	Compliance	PMP	11/10/2024	14.16	431.68
MW-153	Compliance	PMP	12/11/2024	15.80	430.05
MW-252	Compliance	PMP	01/10/2024	3.23	422.01
MW-252	Compliance	PMP	02/05/2024	3.21	422.03
MW-252	Compliance	PMP	03/15/2024	3.58	421.65
MW-252	Compliance	PMP	04/15/2024	3.50	421.74
MW-252	Compliance	PMP	05/15/2024	3.01	422.22
MW-252	Compliance	PMP	06/15/2024	3.18	422.05
MW-252	Compliance	PMP	07/15/2024	3.26	421.98
MW-252	Compliance	PMP	08/14/2024	3.47	421.63
MW-252	Compliance	PMP	09/14/2024	3.77	421.33
MW-252	Compliance	PMP	10/14/2024	3.82	421.29
MW-252	Compliance	PMP	11/10/2024	3.52	421.58
MW-252	Compliance	PMP	12/10/2024	3.66	421.45
MW-253	Compliance	PMP	01/10/2024	16.58	429.43
MW-253	Compliance	PMP	02/05/2024	15.90	430.11
MW-253	Compliance	PMP	03/15/2024	16.15	429.85
MW-253	Compliance	PMP	04/15/2024	15.26	430.75
MW-253R	Compliance	PMP	07/15/2024	18.77	426.89
MW-253R	Compliance	PMP	08/14/2024	21.96	423.69
MW-253R	Compliance	PMP	09/14/2024	25.05	420.60
MW-253R	Compliance	PMP	10/14/2024	21.40	424.26
MW-253R	Compliance	PMP	11/10/2024	23.21	422.45
MW-253R	Compliance	PMP	12/11/2024	18.63	427.03
MW-304	Background	UA	01/10/2024	9.70	445.66
MW-304	Background	UA	02/05/2024	9.52	445.84
MW-304	Background	UA	03/15/2024	9.28	446.07
MW-304	Background	UA	04/15/2024	9.26	446.10
MW-304	Background	UA	05/15/2024	8.93	446.42
MW-304	Background	UA	06/15/2024	9.08	446.27
MW-304	Background	UA	07/15/2024	9.11	446.25
MW-304	Background	UA	08/14/2024	9.32	445.98
MW-304	Background	UA	09/14/2024	9.49	445.81
MW-304	Background	UA	10/14/2024	9.64	445.67
MW-304	Background	UA	11/10/2024	9.33	445.97
MW-304	Background	UA	12/10/2024	9.39	445.92
MW-306	Background	UA	01/10/2024	17.89	435.45
MW-306	Background	UA	02/05/2024	17.76	435.58
MW-306	Background	UA	03/15/2024	17.50	435.83
MW-306	Background	UA	04/15/2024	17.54	435.80
MW-350	Compliance	UA	01/10/2024	24.54	372.43
MW-350	Compliance	UA	02/05/2024	24.32	372.65
MW-350	Compliance	UA	03/15/2024	24.55	372.41
MW-350	Compliance	UA	04/15/2024	23.98	372.99
MW-350R	Compliance	UA	07/15/2024	27.22	NA
MW-350R	Compliance	UA	08/14/2024	28.59	367.70

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BALDWIN POWER PLANT
FLY ASH POND SYSTEM
BALDWIN, IL

Well ID	Well Type	Monitored Unit	Date	Depth to Groundwater (feet BMP)	Groundwater Elevation (feet NAVD88)
MW-350R	Compliance	UA	09/14/2024	25.83	370.46
MW-350R	Compliance	UA	10/14/2024	24.94	371.36
MW-350R	Compliance	UA	11/10/2024	DM[7]	
MW-350R	Compliance	UA	12/10/2024	25.89	370.41
MW-352	Compliance	UA	01/10/2024	6.09	419.12
MW-352	Compliance	UA	02/05/2024	4.51	420.70
MW-352	Compliance	UA	03/15/2024	6.51	418.69
MW-352	Compliance	UA	04/15/2024	3.80	421.41
MW-352	Compliance	UA	05/15/2024	8.33	416.87
MW-352	Compliance	UA	06/15/2024	4.83	420.37
MW-352	Compliance	UA	07/15/2024	2.62	422.59
MW-352	Compliance	UA	08/14/2024	DM[7]	
MW-352	Compliance	UA	09/14/2024	DM[7]	
MW-352	Compliance	UA	10/14/2024	4.39	420.54
MW-352	Compliance	UA	11/10/2024	DM[7]	
MW-352	Compliance	UA	12/10/2024	6.09	418.84
MW-358	Background	UA	01/10/2024	7.55	448.35
MW-358	Background	UA	02/05/2024	5.71	450.19
MW-358	Background	UA	03/15/2024	5.55	450.34
MW-358	Background	UA	04/15/2024	3.81	452.09
MW-358	Background	UA	05/15/2024	1.09	454.79
MW-358	Background	UA	06/15/2024	2.04	453.85
MW-358	Background	UA	07/15/2024	2.17	453.73
MW-358R	Background	UA	10/14/2024	DM[1]	
MW-358R	Background	UA	11/10/2024	DM[1]	
MW-358R	Background	UA	12/10/2024	50.43	NA
MW-366	Compliance	UA	01/10/2024	DM[1]	
MW-366	Compliance	UA	02/05/2024	14.35	410.90
MW-366	Compliance	UA	03/15/2024	DM[1]	
MW-366	Compliance	UA	04/15/2024	16.85	408.40
MW-366	Compliance	UA	05/15/2024	12.63	412.61
MW-366	Compliance	UA	06/15/2024	13.70	411.54
MW-366	Compliance	UA	07/15/2024	14.58	410.67
MW-366	Compliance	UA	08/14/2024	15.87	409.20
MW-366	Compliance	UA	09/14/2024	15.90	409.17
MW-366	Compliance	UA	10/14/2024	15.38	409.70
MW-366	Compliance	UA	11/10/2024	14.21	410.86
MW-366	Compliance	UA	12/10/2024	14.54	410.54
MW-375	Compliance	UA	01/10/2024	34.51	388.71
MW-375	Compliance	UA	02/05/2024	34.01	389.21
MW-375	Compliance	UA	03/15/2024	34.94	388.27
MW-375	Compliance	UA	04/15/2024	34.90	388.32
MW-375	Compliance	UA	05/15/2024	32.52	390.69
MW-375	Compliance	UA	06/15/2024	33.28	389.93
MW-375	Compliance	UA	07/15/2024	33.22	390.00
MW-375	Compliance	UA	08/14/2024	33.88	388.98

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GROUNDWATER ELEVATION DATA
2024 40 C.F.R. § 257 ANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT
BALDWIN POWER PLANT
FLY ASH POND SYSTEM
BALDWIN, IL

Well ID	Well Type	Monitored Unit	Date	Depth to Groundwater (feet BMP)	Groundwater Elevation (feet NAVD88)
MW-375	Compliance	UA	09/14/2024	34.89	387.97
MW-375	Compliance	UA	10/14/2024	35.01	387.86
MW-375	Compliance	UA	11/10/2024	DM[7]	
MW-375	Compliance	UA	12/10/2024	34.00	388.87
MW-377	Compliance	UA	01/10/2024	6.76	414.77
MW-377	Compliance	UA	02/05/2024	6.76	414.77
MW-377	Compliance	UA	03/15/2024	6.62	414.90
MW-377	Compliance	UA	04/15/2024	6.60	414.93
MW-377	Compliance	UA	05/15/2024	6.22	415.30
MW-377	Compliance	UA	06/15/2024	6.49	415.03
MW-377	Compliance	UA	07/15/2024	6.57	414.96
MW-377	Compliance	UA	08/14/2024	7.00	414.23
MW-377	Compliance	UA	09/14/2024	7.32	413.91
MW-377	Compliance	UA	10/14/2024	7.32	413.92
MW-377	Compliance	UA	11/10/2024	6.97	414.26
MW-377	Compliance	UA	12/10/2024	6.98	414.26
MW-383	Compliance	UA	01/10/2024	19.50	440.16
MW-383	Compliance	UA	02/05/2024	19.63	440.03
MW-383	Compliance	UA	03/15/2024	20.22	439.43
MW-383	Compliance	UA	04/15/2024	20.55	439.11
MW-383	Compliance	UA	05/15/2024	20.37	439.28
MW-383	Compliance	UA	06/15/2024	19.92	439.73
MW-383	Compliance	UA	07/15/2024	20.09	439.57
MW-383	Compliance	UA	08/14/2024	21.95	437.59
MW-383	Compliance	UA	09/14/2024	19.86	439.68
MW-383	Compliance	UA	10/14/2024	19.93	439.62
MW-383	Compliance	UA	11/10/2024	20.42	439.12
MW-383	Compliance	UA	12/10/2024	19.99	439.56
MW-384	Compliance	UA	01/10/2024	16.06	443.06
MW-384	Compliance	UA	02/05/2024	15.98	443.14
MW-384	Compliance	UA	03/15/2024	16.18	442.93
MW-384	Compliance	UA	04/15/2024	16.28	442.84
MW-384	Compliance	UA	05/15/2024	16.07	443.04
MW-384	Compliance	UA	06/15/2024	16.15	442.96
MW-384	Compliance	UA	07/15/2024	16.02	443.10
MW-384	Compliance	UA	08/14/2024	15.97	442.89
MW-384	Compliance	UA	09/14/2024	16.02	442.84
MW-384	Compliance	UA	10/14/2024	16.26	442.61
MW-384	Compliance	UA	11/10/2024	15.84	443.02
MW-384	Compliance	UA	12/10/2024	16.27	442.60
MW-390	Compliance	UA	01/10/2024	DM[1]	
MW-390	Compliance	UA	02/05/2024	8.19	419.63
MW-390	Compliance	UA	03/15/2024	DM[1]	
MW-390	Compliance	UA	04/15/2024	6.81	421.01
MW-390	Compliance	UA	05/15/2024	8.55	419.26
MW-390	Compliance	UA	06/15/2024	9.73	418.08

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GROUNDWATER ELEVATION DATA
2024 40 C.F.R. § 257 ANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT
BALDWIN POWER PLANT
FLY ASH POND SYSTEM
BALDWIN, IL

Well ID	Well Type	Monitored Unit	Date	Depth to Groundwater (feet BMP)	Groundwater Elevation (feet NAVD88)
MW-390	Compliance	UA	07/15/2024	8.65	419.17
MW-390	Compliance	UA	08/14/2024	9.03	418.56
MW-390	Compliance	UA	09/14/2024	DM[7]	
MW-390	Compliance	UA	10/14/2024	8.72	418.88
MW-390	Compliance	UA	11/10/2024	7.49	420.10
MW-390	Compliance	UA	12/10/2024	7.78	419.82
MW-391	Compliance	UA	01/10/2024	70.56	356.24
MW-391	Compliance	UA	02/05/2024	Dry	
MW-391	Compliance	UA	03/15/2024	71.61	355.18
MW-391	Compliance	UA	04/15/2024	Dry	
MW-391	Compliance	UA	05/15/2024	Dry	
MW-391	Compliance	UA	06/15/2024	66.28	360.18
MW-391	Compliance	UA	07/15/2024	66.41	360.39
MW-391R	Compliance	UA	10/14/2024	62.30	NA
MW-391R	Compliance	UA	11/10/2024	DM[1]	
MW-391R	Compliance	UA	12/10/2024	69.72	NA

Notes:
BMP = below measuring point
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.
NA = not available/not applicable
NAVD88 = North American Vertical Datum of 1988
Monitored Unit Abbreviations:
PMP = potential migration pathway
UA = uppermost aquifer

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TABLE 2
ANALYTICAL RESULTS - APPENDIX III PARAMETERS
2024 40 C.F.R. § 257 ANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT
BALDWIN POWER PLANT
FLY ASH POND SYSTEM
BALDWIN, IL

Well ID	HSU	Well Type	Date	Event ID	Parameter	Unit	Result	Comparison Value	Background	SSI Type
MW-304	UA	Background	02/05/2024	A7	Boron, total	mg/L	1.53	--	--	--
MW-304	UA	Background	04/16/2024	A7R	Boron, total	mg/L	1.70	--	--	--
MW-304	UA	Background	07/17/2024	A7D	Boron, total	mg/L	1.47 J	--	--	--
MW-304	UA	Background	10/16/2024	A7DR	Boron, total	mg/L	1.90	--	--	--
MW-304	UA	Background	02/05/2024	A7	Calcium, total	mg/L	12.4	--	--	--
MW-304	UA	Background	04/16/2024	A7R	Calcium, total	mg/L	13.0	--	--	--
MW-304	UA	Background	07/17/2024	A7D	Calcium, total	mg/L	9.99	--	--	--
MW-304	UA	Background	10/16/2024	A7DR	Calcium, total	mg/L	11.0	--	--	--
MW-304	UA	Background	02/05/2024	A7	Chloride, total	mg/L	155	--	--	--
MW-304	UA	Background	04/16/2024	A7R	Chloride, total	mg/L	161	--	--	--
MW-304	UA	Background	07/17/2024	A7D	Chloride, total	mg/L	169	--	--	--
MW-304	UA	Background	10/16/2024	A7DR	Chloride, total	mg/L	169	--	--	--
MW-304	UA	Background	02/05/2024	A7	Fluoride, total	mg/L	1.77	--	--	--
MW-304	UA	Background	04/16/2024	A7R	Fluoride, total	mg/L	1.69	--	--	--
MW-304	UA	Background	07/17/2024	A7D	Fluoride, total	mg/L	1.69	--	--	--
MW-304	UA	Background	10/16/2024	A7DR	Fluoride, total	mg/L	1.82	--	--	--
MW-304	UA	Background	02/05/2024	A7	pH (field)	SU	7.7	--	--	--
MW-304	UA	Background	04/16/2024	A7R	pH (field)	SU	7.8	--	--	--
MW-304	UA	Background	07/17/2024	A7D	pH (field)	SU	7.7	--	--	--
MW-304	UA	Background	10/16/2024	A7DR	pH (field)	SU	7.5	--	--	--
MW-304	UA	Background	02/05/2024	A7	Sulfate, total	mg/L	185	--	--	--
MW-304	UA	Background	04/16/2024	A7R	Sulfate, total	mg/L	195	--	--	--
MW-304	UA	Background	07/17/2024	A7D	Sulfate, total	mg/L	201	--	--	--
MW-304	UA	Background	10/16/2024	A7DR	Sulfate, total	mg/L	190	--	--	--
MW-304	UA	Background	02/05/2024	A7	Total Dissolved Solids	mg/L	1,440	--	--	--
MW-304	UA	Background	04/16/2024	A7R	Total Dissolved Solids	mg/L	1,340	--	--	--
MW-304	UA	Background	07/17/2024	A7D	Total Dissolved Solids	mg/L	1,520	--	--	--
MW-304	UA	Background	10/16/2024	A7DR	Total Dissolved Solids	mg/L	1,500	--	--	--
MW-358	UA	Background	02/06/2024	A7	Boron, total	mg/L	0.771	--	--	--
MW-358	UA	Background	04/17/2024	A7R	Boron, total	mg/L	0.277 J+	--	--	--
MW-358	UA	Background	07/18/2024	A7D	Boron, total	mg/L	0.142	--	--	--
MW-358	UA	Background	02/06/2024	A7	Calcium, total	mg/L	30.3	--	--	--
MW-358	UA	Background	04/17/2024	A7R	Calcium, total	mg/L	59.4	--	--	--
MW-358	UA	Background	07/18/2024	A7D	Calcium, total	mg/L	70.6	--	--	--
MW-358	UA	Background	02/06/2024	A7	Chloride, total	mg/L	917	--	--	--
MW-358	UA	Background	04/17/2024	A7R	Chloride, total	mg/L	458	--	--	--
MW-358	UA	Background	07/18/2024	A7D	Chloride, total	mg/L	101	--	--	--
MW-358	UA	Background	02/06/2024	A7	Fluoride, total	mg/L	2.40	--	--	--
MW-358	UA	Background	04/17/2024	A7R	Fluoride, total	mg/L	1.53	--	--	--
MW-358	UA	Background	07/18/2024	A7D	Fluoride, total	mg/L	0.750	--	--	--
MW-358	UA	Background	02/06/2024	A7	pH (field)	SU	7.9	--	--	--
MW-358	UA	Background	04/17/2024	A7R	pH (field)	SU	7.7	--	--	--
MW-358	UA	Background	07/18/2024	A7D	pH (field)	SU	7.6	--	--	--
MW-358	UA	Background	02/06/2024	A7	Sulfate, total	mg/L	20.0	--	--	--
MW-358	UA	Background	04/17/2024	A7R	Sulfate, total	mg/L	19.0	--	--	--
MW-358	UA	Background	07/18/2024	A7D	Sulfate, total	mg/L	88.0	--	--	--

TABLE 2
ANALYTICAL RESULTS - APPENDIX III PARAMETERS
2024 40 C.F.R. § 257 ANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT
BALDWIN POWER PLANT
FLY ASH POND SYSTEM
BALDWIN, IL

Well ID	HSU	Well Type	Date	Event ID	Parameter	Unit	Result	Comparison Value	Background	SSI Type
MW-358	UA	Background	02/06/2024	A7	Total Dissolved Solids	mg/L	2,280	--	--	--
MW-358	UA	Background	04/17/2024	A7R	Total Dissolved Solids	mg/L	1,430	--	--	--
MW-358	UA	Background	07/18/2024	A7D	Total Dissolved Solids	mg/L	640	--	--	--
MW-358R	UA	Background	11/01/2024	A7DR	Boron, total	mg/L	0.945	--	--	--
MW-358R	UA	Background	11/01/2024	A7DR	Calcium, total	mg/L	48.6	--	--	--
MW-358R	UA	Background	11/01/2024	A7DR	Chloride, total	mg/L	1,040	--	--	--
MW-358R	UA	Background	11/01/2024	A7DR	Fluoride, total	mg/L	1.20	--	--	--
MW-358R	UA	Background	11/01/2024	A7DR	pH (field)	SU	7.7	--	--	--
MW-358R	UA	Background	11/01/2024	A7DR	Sulfate, total	mg/L	170	--	--	--
MW-358R	UA	Background	11/01/2024	A7DR	Total Dissolved Solids	mg/L	2,350	--	--	--
MW-150	PMP	Compliance	02/07/2024	A7	Boron, total	mg/L	3.80	3.80	2.23	Reported
MW-150	PMP	Compliance	04/17/2024	A7R	Boron, total	mg/L	3.49	3.49	2.23	Confirmed
MW-150	PMP	Compliance	07/18/2024	A7D	Boron, total	mg/L	3.49	3.49	2.23	Reported
MW-150	PMP	Compliance	10/15/2024	A7DR	Boron, total	mg/L	4.47	4.47	2.23	Confirmed
MW-150	PMP	Compliance	02/07/2024	A7	Calcium, total	mg/L	202	202	18.0	Reported
MW-150	PMP	Compliance	04/17/2024	A7R	Calcium, total	mg/L	193	193	18.0	Confirmed
MW-150	PMP	Compliance	07/18/2024	A7D	Calcium, total	mg/L	210	210	18.0	Reported
MW-150	PMP	Compliance	10/15/2024	A7DR	Calcium, total	mg/L	189	189	18.0	Confirmed
MW-150	PMP	Compliance	02/07/2024	A7	Chloride, total	mg/L	53.0	53.0	1,370	No Exceedance
MW-150	PMP	Compliance	04/17/2024	A7R	Chloride, total	mg/L	51.0	51.0	1,370	No Exceedance
MW-150	PMP	Compliance	07/18/2024	A7D	Chloride, total	mg/L	56.0	56.0	1,370	No Exceedance
MW-150	PMP	Compliance	10/15/2024	A7DR	Chloride, total	mg/L	50.1	50.1	1,370	No Exceedance
MW-150	PMP	Compliance	02/07/2024	A7	Fluoride, total	mg/L	0.710	0.710	3.36	No Exceedance
MW-150	PMP	Compliance	04/17/2024	A7R	Fluoride, total	mg/L	0.680	0.680	3.36	No Exceedance
MW-150	PMP	Compliance	07/18/2024	A7D	Fluoride, total	mg/L	0.680	0.680	3.36	No Exceedance
MW-150	PMP	Compliance	10/15/2024	A7DR	Fluoride, total	mg/L	0.720	0.720	3.36	No Exceedance
MW-150	PMP	Compliance	02/07/2024	A7	pH (field)	SU	7.0	7.0	7.3/8.4	Reported
MW-150	PMP	Compliance	04/17/2024	A7R	pH (field)	SU	7.0	7.0	7.3/8.4	Confirmed
MW-150	PMP	Compliance	07/18/2024	A7D	pH (field)	SU	7.3	7.3	7.3/8.4	No Exceedance
MW-150	PMP	Compliance	10/15/2024	A7DR	pH (field)	SU	6.9	6.9	7.3/8.4	Exceedance Not Confirmed
MW-150	PMP	Compliance	02/07/2024	A7	Sulfate, total	mg/L	877	877	228	Reported
MW-150	PMP	Compliance	04/17/2024	A7R	Sulfate, total	mg/L	897	897	228	Confirmed
MW-150	PMP	Compliance	07/18/2024	A7D	Sulfate, total	mg/L	908	908	228	Reported
MW-150	PMP	Compliance	10/15/2024	A7DR	Sulfate, total	mg/L	883	883	228	Confirmed
MW-150	PMP	Compliance	02/07/2024	A7	Total Dissolved Solids	mg/L	1,530	1,530	3,260	No Exceedance
MW-150	PMP	Compliance	04/17/2024	A7R	Total Dissolved Solids	mg/L	1,660	1,660	3,260	No Exceedance
MW-150	PMP	Compliance	07/18/2024	A7D	Total Dissolved Solids	mg/L	1,670	1,670	3,260	No Exceedance
MW-150	PMP	Compliance	10/15/2024	A7DR	Total Dissolved Solids	mg/L	1,640	1,640	3,260	No Exceedance
MW-151	PMP	Compliance	02/07/2024	A7	Boron, total	mg/L	1.26	1.26	2.23	No Exceedance
MW-151	PMP	Compliance	04/18/2024	A7R	Boron, total	mg/L	1.00	1.00	2.23	No Exceedance
MW-151	PMP	Compliance	07/18/2024	A7D	Boron, total	mg/L	0.620	0.620	2.23	No Exceedance
MW-151	PMP	Compliance	10/16/2024	A7DR	Boron, total	mg/L	1.64	1.64	2.23	No Exceedance
MW-151	PMP	Compliance	02/07/2024	A7	Calcium, total	mg/L	122	122	18.0	Reported
MW-151	PMP	Compliance	04/18/2024	A7R	Calcium, total	mg/L	118	118	18.0	Confirmed
MW-151	PMP	Compliance	07/18/2024	A7D	Calcium, total	mg/L	120	120	18.0	Reported

TABLE 2
ANALYTICAL RESULTS - APPENDIX III PARAMETERS
2024 40 C.F.R. § 257 ANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT
BALDWIN POWER PLANT
FLY ASH POND SYSTEM
BALDWIN, IL

Well ID	HSU	Well Type	Date	Event ID	Parameter	Unit	Result	Comparison Value	Background	SSI Type
MW-151	PMP	Compliance	10/16/2024	A7DR	Calcium, total	mg/L	129	129	18.0	Confirmed
MW-151	PMP	Compliance	02/07/2024	A7	Chloride, total	mg/L	44.0	44.0	1,370	No Exceedance
MW-151	PMP	Compliance	04/18/2024	A7R	Chloride, total	mg/L	41.0	41.0	1,370	No Exceedance
MW-151	PMP	Compliance	07/18/2024	A7D	Chloride, total	mg/L	41.0	41.0	1,370	No Exceedance
MW-151	PMP	Compliance	10/16/2024	A7DR	Chloride, total	mg/L	59.6	59.6	1,370	No Exceedance
MW-151	PMP	Compliance	02/07/2024	A7	Fluoride, total	mg/L	0.520	0.520	3.36	No Exceedance
MW-151	PMP	Compliance	04/18/2024	A7R	Fluoride, total	mg/L	0.490	0.490	3.36	No Exceedance
MW-151	PMP	Compliance	07/18/2024	A7D	Fluoride, total	mg/L	0.570	0.570	3.36	No Exceedance
MW-151	PMP	Compliance	10/16/2024	A7DR	Fluoride, total	mg/L	0.580	0.580	3.36	No Exceedance
MW-151	PMP	Compliance	02/07/2024	A7	pH (field)	SU	6.9	6.9	7.3/8.4	Reported
MW-151	PMP	Compliance	04/18/2024	A7R	pH (field)	SU	6.8	6.8	7.3/8.4	Confirmed
MW-151	PMP	Compliance	07/18/2024	A7D	pH (field)	SU	7.0	7.0	7.3/8.4	Reported
MW-151	PMP	Compliance	10/16/2024	A7DR	pH (field)	SU	6.8	6.8	7.3/8.4	Confirmed
MW-151	PMP	Compliance	02/07/2024	A7	Sulfate, total	mg/L	130	130	228	No Exceedance
MW-151	PMP	Compliance	04/18/2024	A7R	Sulfate, total	mg/L	101 J-	101	228	No Exceedance
MW-151	PMP	Compliance	07/18/2024	A7D	Sulfate, total	mg/L	93.0	93.0	228	No Exceedance
MW-151	PMP	Compliance	10/16/2024	A7DR	Sulfate, total	mg/L	141	141	228	No Exceedance
MW-151	PMP	Compliance	02/07/2024	A7	Total Dissolved Solids	mg/L	580	580	3,260	No Exceedance
MW-151	PMP	Compliance	04/18/2024	A7R	Total Dissolved Solids	mg/L	608	608	3,260	No Exceedance
MW-151	PMP	Compliance	07/18/2024	A7D	Total Dissolved Solids	mg/L	606	606	3,260	No Exceedance
MW-151	PMP	Compliance	10/16/2024	A7DR	Total Dissolved Solids	mg/L	790	790	3,260	No Exceedance
MW-152	PMP	Compliance	02/07/2024	A7	Boron, total	mg/L	13.2	13.2	2.23	Exceedance Not Confirmed
MW-152	PMP	Compliance	04/18/2024	A7R	Boron, total	mg/L	1.12	1.12	2.23	No Exceedance
MW-152	PMP	Compliance	07/18/2024	A7D	Boron, total	mg/L	0.608	0.608	2.23	No Exceedance
MW-152	PMP	Compliance	10/16/2024	A7DR	Boron, total	mg/L	23.0	23.0	2.23	Exceedance Not Confirmed
MW-152	PMP	Compliance	02/07/2024	A7	Calcium, total	mg/L	222	222	18.0	Reported
MW-152	PMP	Compliance	04/18/2024	A7R	Calcium, total	mg/L	146	146	18.0	Confirmed
MW-152	PMP	Compliance	07/18/2024	A7D	Calcium, total	mg/L	129	129	18.0	Reported
MW-152	PMP	Compliance	10/16/2024	A7DR	Calcium, total	mg/L	275	275	18.0	Confirmed
MW-152	PMP	Compliance	02/07/2024	A7	Chloride, total	mg/L	40.0	40.0	1,370	No Exceedance
MW-152	PMP	Compliance	04/18/2024	A7R	Chloride, total	mg/L	12.0	12.0	1,370	No Exceedance
MW-152	PMP	Compliance	07/18/2024	A7D	Chloride, total	mg/L	11.0	11.0	1,370	No Exceedance
MW-152	PMP	Compliance	10/16/2024	A7DR	Chloride, total	mg/L	55.5	55.5	1,370	No Exceedance
MW-152	PMP	Compliance	02/07/2024	A7	Fluoride, total	mg/L	0.260	0.260	3.36	No Exceedance
MW-152	PMP	Compliance	04/18/2024	A7R	Fluoride, total	mg/L	0.240	0.240	3.36	No Exceedance
MW-152	PMP	Compliance	07/18/2024	A7D	Fluoride, total	mg/L	0.310	0.310	3.36	No Exceedance
MW-152	PMP	Compliance	10/16/2024	A7DR	Fluoride, total	mg/L	0.2 J	0.25	3.36	No Exceedance
MW-152	PMP	Compliance	02/07/2024	A7	pH (field)	SU	6.7	6.7	7.3/8.4	Reported
MW-152	PMP	Compliance	04/18/2024	A7R	pH (field)	SU	6.7	6.7	7.3/8.4	Confirmed
MW-152	PMP	Compliance	07/18/2024	A7D	pH (field)	SU	7.1	7.1	7.3/8.4	Reported
MW-152	PMP	Compliance	10/16/2024	A7DR	pH (field)	SU	6.7	6.7	7.3/8.4	Confirmed
MW-152	PMP	Compliance	02/07/2024	A7	Sulfate, total	mg/L	724	724	228	Reported
MW-152	PMP	Compliance	04/18/2024	A7R	Sulfate, total	mg/L	966	966	228	Confirmed
MW-152	PMP	Compliance	07/18/2024	A7D	Sulfate, total	mg/L	340	340	228	Reported
MW-152	PMP	Compliance	10/16/2024	A7DR	Sulfate, total	mg/L	988	988	228	Confirmed

TABLE 2
ANALYTICAL RESULTS - APPENDIX III PARAMETERS
2024 40 C.F.R. § 257 ANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT
BALDWIN POWER PLANT
FLY ASH POND SYSTEM
BALDWIN, IL

Well ID	HSU	Well Type	Date	Event ID	Parameter	Unit	Result	Comparison Value	Background	SSI Type
MW-152	PMP	Compliance	02/07/2024	A7	Total Dissolved Solids	mg/L	1,320	1,320	3,260	No Exceedance
MW-152	PMP	Compliance	04/18/2024	A7R	Total Dissolved Solids	mg/L	924	924	3,260	No Exceedance
MW-152	PMP	Compliance	07/18/2024	A7D	Total Dissolved Solids	mg/L	920	920	3,260	No Exceedance
MW-152	PMP	Compliance	10/16/2024	A7DR	Total Dissolved Solids	mg/L	2,000	2,000	3,260	No Exceedance
MW-153	PMP	Compliance	02/08/2024	A7	Boron, total	mg/L	0.023 J	0.025	2.23	No Exceedance
MW-153	PMP	Compliance	04/18/2024	A7R	Boron, total	mg/L	0.0287 J+	0.0287	2.23	No Exceedance
MW-153	PMP	Compliance	07/18/2024	A7D	Boron, total	mg/L	0.013 J	0.025	2.23	No Exceedance
MW-153	PMP	Compliance	10/16/2024	A7DR	Boron, total	mg/L	0.256 J+	0.256	2.23	No Exceedance
MW-153	PMP	Compliance	02/08/2024	A7	Calcium, total	mg/L	53.5	53.5	18.0	Reported
MW-153	PMP	Compliance	04/18/2024	A7R	Calcium, total	mg/L	53.8	53.8	18.0	Confirmed
MW-153	PMP	Compliance	07/18/2024	A7D	Calcium, total	mg/L	52.1	52.1	18.0	Reported
MW-153	PMP	Compliance	10/16/2024	A7DR	Calcium, total	mg/L	55.3	55.3	18.0	Confirmed
MW-153	PMP	Compliance	02/08/2024	A7	Chloride, total	mg/L	19.0	19.0	1,370	No Exceedance
MW-153	PMP	Compliance	04/18/2024	A7R	Chloride, total	mg/L	19.0	19.0	1,370	No Exceedance
MW-153	PMP	Compliance	07/18/2024	A7D	Chloride, total	mg/L	20.0	20.0	1,370	No Exceedance
MW-153	PMP	Compliance	10/16/2024	A7DR	Chloride, total	mg/L	18.3	18.3	1,370	No Exceedance
MW-153	PMP	Compliance	02/08/2024	A7	Fluoride, total	mg/L	0.430	0.430	3.36	No Exceedance
MW-153	PMP	Compliance	04/18/2024	A7R	Fluoride, total	mg/L	0.380	0.380	3.36	No Exceedance
MW-153	PMP	Compliance	07/18/2024	A7D	Fluoride, total	mg/L	0.420	0.420	3.36	No Exceedance
MW-153	PMP	Compliance	10/16/2024	A7DR	Fluoride, total	mg/L	0.43 J	0.25	3.36	No Exceedance
MW-153	PMP	Compliance	02/08/2024	A7	pH (field)	SU	6.7	6.7	7.3/8.4	Reported
MW-153	PMP	Compliance	04/18/2024	A7R	pH (field)	SU	6.9	6.9	7.3/8.4	Confirmed
MW-153	PMP	Compliance	07/18/2024	A7D	pH (field)	SU	7.3	7.3	7.3/8.4	No Exceedance
MW-153	PMP	Compliance	10/16/2024	A7DR	pH (field)	SU	6.6	6.6	7.3/8.4	Exceedance Not Confirmed
MW-153	PMP	Compliance	02/08/2024	A7	Sulfate, total	mg/L	68.0	68.0	228	No Exceedance
MW-153	PMP	Compliance	04/18/2024	A7R	Sulfate, total	mg/L	63.0	63.0	228	No Exceedance
MW-153	PMP	Compliance	07/18/2024	A7D	Sulfate, total	mg/L	84.0	84.0	228	No Exceedance
MW-153	PMP	Compliance	10/16/2024	A7DR	Sulfate, total	mg/L	68.4	68.4	228	No Exceedance
MW-153	PMP	Compliance	02/08/2024	A7	Total Dissolved Solids	mg/L	388	388	3,260	No Exceedance
MW-153	PMP	Compliance	04/18/2024	A7R	Total Dissolved Solids	mg/L	380	380	3,260	No Exceedance
MW-153	PMP	Compliance	07/18/2024	A7D	Total Dissolved Solids	mg/L	444	444	3,260	No Exceedance
MW-153	PMP	Compliance	10/16/2024	A7DR	Total Dissolved Solids	mg/L	425	425	3,260	No Exceedance
MW-252	PMP	Compliance	02/07/2024	A7	Boron, total	mg/L	0.235	0.235	2.23	No Exceedance
MW-252	PMP	Compliance	04/18/2024	A7R	Boron, total	mg/L	0.208 J+	0.208	2.23	No Exceedance
MW-252	PMP	Compliance	07/18/2024	A7D	Boron, total	mg/L	0.135	0.135	2.23	No Exceedance
MW-252	PMP	Compliance	10/16/2024	A7DR	Boron, total	mg/L	0.186 J+	0.186	2.23	No Exceedance
MW-252	PMP	Compliance	02/07/2024	A7	Calcium, total	mg/L	205	205	18.0	Reported
MW-252	PMP	Compliance	04/18/2024	A7R	Calcium, total	mg/L	209	209	18.0	Confirmed
MW-252	PMP	Compliance	07/18/2024	A7D	Calcium, total	mg/L	211	211	18.0	Reported
MW-252	PMP	Compliance	10/16/2024	A7DR	Calcium, total	mg/L	212	212	18.0	Confirmed
MW-252	PMP	Compliance	02/07/2024	A7	Chloride, total	mg/L	37.0	37.0	1,370	No Exceedance
MW-252	PMP	Compliance	04/18/2024	A7R	Chloride, total	mg/L	36.0	36.0	1,370	No Exceedance
MW-252	PMP	Compliance	07/18/2024	A7D	Chloride, total	mg/L	37.0	37.0	1,370	No Exceedance
MW-252	PMP	Compliance	10/16/2024	A7DR	Chloride, total	mg/L	36.7	36.7	1,370	No Exceedance
MW-252	PMP	Compliance	02/07/2024	A7	Fluoride, total	mg/L	0.210	0.210	3.36	No Exceedance

TABLE 2
ANALYTICAL RESULTS - APPENDIX III PARAMETERS
2024 40 C.F.R. § 257 ANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT
BALDWIN POWER PLANT
FLY ASH POND SYSTEM
BALDWIN, IL

Well ID	HSU	Well Type	Date	Event ID	Parameter	Unit	Result	Comparison Value	Background	SSI Type
MW-252	PMP	Compliance	04/18/2024	A7R	Fluoride, total	mg/L	0.220	0.220	3.36	No Exceedance
MW-252	PMP	Compliance	07/18/2024	A7D	Fluoride, total	mg/L	0.230	0.230	3.36	No Exceedance
MW-252	PMP	Compliance	10/16/2024	A7DR	Fluoride, total	mg/L	0.2 U	0.25	3.36	No Exceedance
MW-252	PMP	Compliance	02/07/2024	A7	pH (field)	SU	6.9	6.9	7.3/8.4	Reported
MW-252	PMP	Compliance	04/18/2024	A7R	pH (field)	SU	6.8	6.8	7.3/8.4	Confirmed
MW-252	PMP	Compliance	07/18/2024	A7D	pH (field)	SU	6.9	6.9	7.3/8.4	Reported
MW-252	PMP	Compliance	10/16/2024	A7DR	pH (field)	SU	6.7	6.7	7.3/8.4	Confirmed
MW-252	PMP	Compliance	02/07/2024	A7	Sulfate, total	mg/L	499	499	228	Reported
MW-252	PMP	Compliance	04/18/2024	A7R	Sulfate, total	mg/L	464	464	228	Confirmed
MW-252	PMP	Compliance	07/18/2024	A7D	Sulfate, total	mg/L	487	487	228	Reported
MW-252	PMP	Compliance	10/16/2024	A7DR	Sulfate, total	mg/L	480	480	228	Confirmed
MW-252	PMP	Compliance	02/07/2024	A7	Total Dissolved Solids	mg/L	1,060	1,060	3,260	No Exceedance
MW-252	PMP	Compliance	04/18/2024	A7R	Total Dissolved Solids	mg/L	1,210	1,210	3,260	No Exceedance
MW-252	PMP	Compliance	07/18/2024	A7D	Total Dissolved Solids	mg/L	1,220	1,220	3,260	No Exceedance
MW-252	PMP	Compliance	10/16/2024	A7DR	Total Dissolved Solids	mg/L	1,280	1,280	3,260	No Exceedance
MW-253	PMP	Compliance	02/08/2024	A7	Boron, total	mg/L	0.0793	0.0793	2.23	No Exceedance
MW-253	PMP	Compliance	--	A7R	Boron, total	mg/L	NS[1]	--	2.23	--
MW-253	PMP	Compliance	02/08/2024	A7	Calcium, total	mg/L	84.5	84.5	18.0	Reported
MW-253	PMP	Compliance	--	A7R	Calcium, total	mg/L	NS[1]	--	18.0	--
MW-253	PMP	Compliance	02/08/2024	A7	Chloride, total	mg/L	22.0	22.0	1,370	No Exceedance
MW-253	PMP	Compliance	--	A7R	Chloride, total	mg/L	NS[1]	--	1,370	--
MW-253	PMP	Compliance	02/08/2024	A7	Fluoride, total	mg/L	0.170	0.170	3.36	No Exceedance
MW-253	PMP	Compliance	--	A7R	Fluoride, total	mg/L	NS[1]	--	3.36	--
MW-253	PMP	Compliance	02/08/2024	A7	pH (field)	SU	11.2	11.2	7.3/8.4	Reported
MW-253	PMP	Compliance	--	A7R	pH (field)	SU	NS[1]	--	7.3/8.4	--
MW-253	PMP	Compliance	02/08/2024	A7	Sulfate, total	mg/L	181	181	228	No Exceedance
MW-253	PMP	Compliance	--	A7R	Sulfate, total	mg/L	NS[1]	--	228	--
MW-253	PMP	Compliance	02/08/2024	A7	Total Dissolved Solids	mg/L	410	410	3,260	No Exceedance
MW-253	PMP	Compliance	--	A7R	Total Dissolved Solids	mg/L	NS[1]	--	3,260	--
MW-253R	PMP	Compliance	07/18/2024	A7D	Boron, total	mg/L	0.182	0.182	2.23	No Exceedance
MW-253R	PMP	Compliance	08/28/2024	ADD	Boron, total	mg/L	0.225	--	2.23	--
MW-253R	PMP	Compliance	10/16/2024	A7DR	Boron, total	mg/L	0.254 J+	0.254	2.23	No Exceedance
MW-253R	PMP	Compliance	07/18/2024	A7D	Calcium, total	mg/L	170	170	18.0	Reported
MW-253R	PMP	Compliance	08/28/2024	ADD	Calcium, total	mg/L	198	--	18.0	--
MW-253R	PMP	Compliance	10/16/2024	A7DR	Calcium, total	mg/L	204	204	18.0	Confirmed
MW-253R	PMP	Compliance	07/18/2024	A7D	Chloride, total	mg/L	23.0	23.0	1,370	No Exceedance
MW-253R	PMP	Compliance	08/28/2024	ADD	Chloride, total	mg/L	24.5	--	1,370	--
MW-253R	PMP	Compliance	10/16/2024	A7DR	Chloride, total	mg/L	22.0	22.0	1,370	No Exceedance
MW-253R	PMP	Compliance	07/18/2024	A7D	Fluoride, total	mg/L	0.460	0.460	3.36	No Exceedance
MW-253R	PMP	Compliance	08/28/2024	ADD	Fluoride, total	mg/L	0.12 J	--	3.36	--
MW-253R	PMP	Compliance	10/16/2024	A7DR	Fluoride, total	mg/L	0.2 U	0.5	3.36	No Exceedance
MW-253R	PMP	Compliance	07/18/2024	A7D	pH (field)	SU	7.1	7.1	7.3/8.4	Reported
MW-253R	PMP	Compliance	08/28/2024	ADD	pH (field)	SU	6.9	--	7.3/8.4	--
MW-253R	PMP	Compliance	10/16/2024	A7DR	pH (field)	SU	6.5	6.5	7.3/8.4	Confirmed
MW-253R	PMP	Compliance	07/18/2024	A7D	Sulfate, total	mg/L	549	549	228	Reported
MW-253R	PMP	Compliance	08/28/2024	ADD	Sulfate, total	mg/L	434	--	228	--

TABLE 2
ANALYTICAL RESULTS - APPENDIX III PARAMETERS
2024 40 C.F.R. § 257 ANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT
BALDWIN POWER PLANT
FLY ASH POND SYSTEM
BALDWIN, IL

Well ID	HSU	Well Type	Date	Event ID	Parameter	Unit	Result	Comparison Value	Background	SSI Type
MW-253R	PMP	Compliance	10/16/2024	A7DR	Sulfate, total	mg/L	500	500	228	Confirmed
MW-253R	PMP	Compliance	07/18/2024	A7D	Total Dissolved Solids	mg/L	1,250	1,250	3,260	No Exceedance
MW-253R	PMP	Compliance	08/28/2024	ADD	Total Dissolved Solids	mg/L	1,020	--	3,260	--
MW-253R	PMP	Compliance	10/16/2024	A7DR	Total Dissolved Solids	mg/L	1,270	1,270	3,260	No Exceedance
MW-350	UA	Compliance	02/07/2024	A7	Boron, total	mg/L	0.507	0.507	2.23	No Exceedance
MW-350	UA	Compliance	--	A7R	Boron, total	mg/L	NS[1]	--	2.23	--
MW-350	UA	Compliance	02/07/2024	A7	Calcium, total	mg/L	52.3	52.3	18.0	Reported
MW-350	UA	Compliance	--	A7R	Calcium, total	mg/L	NS[1]	--	18.0	--
MW-350	UA	Compliance	02/07/2024	A7	Chloride, total	mg/L	54.0	54.0	1,370	No Exceedance
MW-350	UA	Compliance	--	A7R	Chloride, total	mg/L	NS[1]	--	1,370	--
MW-350	UA	Compliance	02/07/2024	A7	Fluoride, total	mg/L	0.180	0.180	3.36	No Exceedance
MW-350	UA	Compliance	--	A7R	Fluoride, total	mg/L	NS[1]	--	3.36	--
MW-350	UA	Compliance	02/07/2024	A7	pH (field)	SU	11.4	11.4	7.3/8.4	Reported
MW-350	UA	Compliance	--	A7R	pH (field)	SU	NS[1]	--	7.3/8.4	--
MW-350	UA	Compliance	02/07/2024	A7	Sulfate, total	mg/L	92.0	92.0	228	No Exceedance
MW-350	UA	Compliance	--	A7R	Sulfate, total	mg/L	NS[1]	--	228	--
MW-350	UA	Compliance	02/07/2024	A7	Total Dissolved Solids	mg/L	325	325	3,260	No Exceedance
MW-350	UA	Compliance	--	A7R	Total Dissolved Solids	mg/L	NS[1]	--	3,260	--
MW-350R	UA	Compliance	07/18/2024	A7D	Boron, total	mg/L	1.02	1.02	2.23	No Exceedance
MW-350R	UA	Compliance	10/15/2024	A7DR	Boron, total	mg/L	1.29	1.29	2.23	No Exceedance
MW-350R	UA	Compliance	07/18/2024	A7D	Calcium, total	mg/L	48.7	48.7	18.0	Reported
MW-350R	UA	Compliance	10/15/2024	A7DR	Calcium, total	mg/L	45.9	45.9	18.0	Confirmed
MW-350R	UA	Compliance	07/18/2024	A7D	Chloride, total	mg/L	26.0	26.0	1,370	No Exceedance
MW-350R	UA	Compliance	10/15/2024	A7DR	Chloride, total	mg/L	17.8	17.8	1,370	No Exceedance
MW-350R	UA	Compliance	07/18/2024	A7D	Fluoride, total	mg/L	0.870	0.870	3.36	No Exceedance
MW-350R	UA	Compliance	10/15/2024	A7DR	Fluoride, total	mg/L	0.940	0.940	3.36	No Exceedance
MW-350R	UA	Compliance	07/18/2024	A7D	pH (field)	SU	7.7	7.7	7.3/8.4	No Exceedance
MW-350R	UA	Compliance	10/15/2024	A7DR	pH (field)	SU	7.3	7.3	7.3/8.4	No Exceedance
MW-350R	UA	Compliance	07/18/2024	A7D	Sulfate, total	mg/L	70.0	70.0	228	No Exceedance
MW-350R	UA	Compliance	10/15/2024	A7DR	Sulfate, total	mg/L	17.5	17.5	228	No Exceedance
MW-350R	UA	Compliance	07/18/2024	A7D	Total Dissolved Solids	mg/L	506	506	3,260	No Exceedance
MW-350R	UA	Compliance	10/15/2024	A7DR	Total Dissolved Solids	mg/L	485	485	3,260	No Exceedance
MW-352	UA	Compliance	02/07/2024	A7	Boron, total	mg/L	2.13	2.13	2.23	No Exceedance
MW-352	UA	Compliance	04/18/2024	A7R	Boron, total	mg/L	2.85	2.85	2.23	Exceedance Not Confirmed
MW-352	UA	Compliance	07/18/2024	A7D	Boron, total	mg/L	2.01	2.01	2.23	No Exceedance
MW-352	UA	Compliance	10/16/2024	A7DR	Boron, total	mg/L	2.21	2.21	2.23	No Exceedance
MW-352	UA	Compliance	02/07/2024	A7	Calcium, total	mg/L	92.8	92.8	18.0	Reported
MW-352	UA	Compliance	04/18/2024	A7R	Calcium, total	mg/L	99.2	99.2	18.0	Confirmed
MW-352	UA	Compliance	07/18/2024	A7D	Calcium, total	mg/L	95.6	95.6	18.0	Reported
MW-352	UA	Compliance	10/16/2024	A7DR	Calcium, total	mg/L	97.6	97.6	18.0	Confirmed
MW-352	UA	Compliance	02/07/2024	A7	Chloride, total	mg/L	580	580	1,370	No Exceedance
MW-352	UA	Compliance	04/18/2024	A7R	Chloride, total	mg/L	535	535	1,370	No Exceedance
MW-352	UA	Compliance	07/18/2024	A7D	Chloride, total	mg/L	573	573	1,370	No Exceedance
MW-352	UA	Compliance	10/16/2024	A7DR	Chloride, total	mg/L	661	661	1,370	No Exceedance
MW-352	UA	Compliance	02/07/2024	A7	Fluoride, total	mg/L	1.46	1.46	3.36	No Exceedance

TABLE 2
ANALYTICAL RESULTS - APPENDIX III PARAMETERS
2024 40 C.F.R. § 257 ANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT
BALDWIN POWER PLANT
FLY ASH POND SYSTEM
BALDWIN, IL

Well ID	HSU	Well Type	Date	Event ID	Parameter	Unit	Result	Comparison Value	Background	SSI Type
MW-352	UA	Compliance	04/18/2024	A7R	Fluoride, total	mg/L	1.44	1.44	3.36	No Exceedance
MW-352	UA	Compliance	07/18/2024	A7D	Fluoride, total	mg/L	1.54	1.54	3.36	No Exceedance
MW-352	UA	Compliance	10/16/2024	A7DR	Fluoride, total	mg/L	1.56	1.56	3.36	No Exceedance
MW-352	UA	Compliance	02/07/2024	A7	pH (field)	SU	7.3	7.3	7.3/8.4	No Exceedance
MW-352	UA	Compliance	04/18/2024	A7R	pH (field)	SU	7.4	7.4	7.3/8.4	No Exceedance
MW-352	UA	Compliance	07/18/2024	A7D	pH (field)	SU	7.7	7.7	7.3/8.4	No Exceedance
MW-352	UA	Compliance	10/16/2024	A7DR	pH (field)	SU	7.5	7.5	7.3/8.4	No Exceedance
MW-352	UA	Compliance	02/07/2024	A7	Sulfate, total	mg/L	8 J	10	228	No Exceedance
MW-352	UA	Compliance	04/18/2024	A7R	Sulfate, total	mg/L	6 U	10	228	No Exceedance
MW-352	UA	Compliance	07/18/2024	A7D	Sulfate, total	mg/L	6 U	10	228	No Exceedance
MW-352	UA	Compliance	10/16/2024	A7DR	Sulfate, total	mg/L	5 J	10	228	No Exceedance
MW-352	UA	Compliance	02/07/2024	A7	Total Dissolved Solids	mg/L	1,170	1,170	3,260	No Exceedance
MW-352	UA	Compliance	04/18/2024	A7R	Total Dissolved Solids	mg/L	1,430	1,430	3,260	No Exceedance
MW-352	UA	Compliance	07/18/2024	A7D	Total Dissolved Solids	mg/L	1,320	1,320	3,260	No Exceedance
MW-352	UA	Compliance	10/16/2024	A7DR	Total Dissolved Solids	mg/L	1,270	1,270	3,260	No Exceedance
MW-366	UA	Compliance	02/07/2024	A7	Boron, total	mg/L	3.00	3.00	2.23	Reported
MW-366	UA	Compliance	04/16/2024	A7R	Boron, total	mg/L	3.60	3.60	2.23	Confirmed
MW-366	UA	Compliance	07/18/2024	A7D	Boron, total	mg/L	2.71	2.71	2.23	Reported
MW-366	UA	Compliance	10/15/2024	A7DR	Boron, total	mg/L	3.31	3.31	2.23	Confirmed
MW-366	UA	Compliance	02/07/2024	A7	Calcium, total	mg/L	256	256	18.0	Reported
MW-366	UA	Compliance	04/16/2024	A7R	Calcium, total	mg/L	228	228	18.0	Confirmed
MW-366	UA	Compliance	07/18/2024	A7D	Calcium, total	mg/L	270	270	18.0	Reported
MW-366	UA	Compliance	10/15/2024	A7DR	Calcium, total	mg/L	264	264	18.0	Confirmed
MW-366	UA	Compliance	02/07/2024	A7	Chloride, total	mg/L	58.0	58.0	1,370	No Exceedance
MW-366	UA	Compliance	04/16/2024	A7R	Chloride, total	mg/L	52.0	52.0	1,370	No Exceedance
MW-366	UA	Compliance	07/18/2024	A7D	Chloride, total	mg/L	61.0	61.0	1,370	No Exceedance
MW-366	UA	Compliance	10/15/2024	A7DR	Chloride, total	mg/L	56.6	56.6	1,370	No Exceedance
MW-366	UA	Compliance	02/07/2024	A7	Fluoride, total	mg/L	0.350	0.350	3.36	No Exceedance
MW-366	UA	Compliance	04/16/2024	A7R	Fluoride, total	mg/L	0.460	0.460	3.36	No Exceedance
MW-366	UA	Compliance	07/18/2024	A7D	Fluoride, total	mg/L	0.330	0.330	3.36	No Exceedance
MW-366	UA	Compliance	10/15/2024	A7DR	Fluoride, total	mg/L	0.29 J	0.25	3.36	No Exceedance
MW-366	UA	Compliance	02/07/2024	A7	pH (field)	SU	6.6	6.6	7.3/8.4	Reported
MW-366	UA	Compliance	04/16/2024	A7R	pH (field)	SU	6.8	6.8	7.3/8.4	Confirmed
MW-366	UA	Compliance	07/18/2024	A7D	pH (field)	SU	6.9	6.9	7.3/8.4	Reported
MW-366	UA	Compliance	10/15/2024	A7DR	pH (field)	SU	6.5	6.5	7.3/8.4	Confirmed
MW-366	UA	Compliance	02/07/2024	A7	Sulfate, total	mg/L	791	791	228	Reported
MW-366	UA	Compliance	04/16/2024	A7R	Sulfate, total	mg/L	709	709	228	Confirmed
MW-366	UA	Compliance	07/18/2024	A7D	Sulfate, total	mg/L	790	790	228	Reported
MW-366	UA	Compliance	10/15/2024	A7DR	Sulfate, total	mg/L	838	838	228	Confirmed
MW-366	UA	Compliance	02/07/2024	A7	Total Dissolved Solids	mg/L	1,400	1,400	3,260	No Exceedance
MW-366	UA	Compliance	04/16/2024	A7R	Total Dissolved Solids	mg/L	1,340	1,340	3,260	No Exceedance
MW-366	UA	Compliance	07/18/2024	A7D	Total Dissolved Solids	mg/L	1,630	1,630	3,260	No Exceedance
MW-366	UA	Compliance	10/15/2024	A7DR	Total Dissolved Solids	mg/L	1,610	1,610	3,260	No Exceedance
MW-375	UA	Compliance	02/07/2024	A7	Boron, total	mg/L	1.41	1.41	2.23	No Exceedance
MW-375	UA	Compliance	04/17/2024	A7R	Boron, total	mg/L	1.20	1.20	2.23	No Exceedance
MW-375	UA	Compliance	07/18/2024	A7D	Boron, total	mg/L	1.21	1.21	2.23	No Exceedance

TABLE 2
ANALYTICAL RESULTS - APPENDIX III PARAMETERS
2024 40 C.F.R. § 257 ANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT
BALDWIN POWER PLANT
FLY ASH POND SYSTEM
BALDWIN, IL

Well ID	HSU	Well Type	Date	Event ID	Parameter	Unit	Result	Comparison Value	Background	SSI Type
MW-375	UA	Compliance	10/16/2024	A7DR	Boron, total	mg/L	1.36	1.36	2.23	No Exceedance
MW-375	UA	Compliance	02/07/2024	A7	Calcium, total	mg/L	11.1	11.1	18.0	No Exceedance
MW-375	UA	Compliance	04/17/2024	A7R	Calcium, total	mg/L	13.2	13.2	18.0	No Exceedance
MW-375	UA	Compliance	07/18/2024	A7D	Calcium, total	mg/L	12.4	12.4	18.0	No Exceedance
MW-375	UA	Compliance	10/16/2024	A7DR	Calcium, total	mg/L	11.8	11.8	18.0	No Exceedance
MW-375	UA	Compliance	02/07/2024	A7	Chloride, total	mg/L	102	102	1,370	No Exceedance
MW-375	UA	Compliance	04/17/2024	A7R	Chloride, total	mg/L	109	109	1,370	No Exceedance
MW-375	UA	Compliance	07/18/2024	A7D	Chloride, total	mg/L	86.0	86.0	1,370	No Exceedance
MW-375	UA	Compliance	10/16/2024	A7DR	Chloride, total	mg/L	92.2	92.2	1,370	No Exceedance
MW-375	UA	Compliance	02/07/2024	A7	Fluoride, total	mg/L	2.30	2.30	3.36	No Exceedance
MW-375	UA	Compliance	04/17/2024	A7R	Fluoride, total	mg/L	2.60	2.60	3.36	No Exceedance
MW-375	UA	Compliance	07/18/2024	A7D	Fluoride, total	mg/L	2.42	2.42	3.36	No Exceedance
MW-375	UA	Compliance	10/16/2024	A7DR	Fluoride, total	mg/L	2.40	2.40	3.36	No Exceedance
MW-375	UA	Compliance	02/07/2024	A7	pH (field)	SU	7.7	7.7	7.3/8.4	No Exceedance
MW-375	UA	Compliance	04/17/2024	A7R	pH (field)	SU	7.8	7.8	7.3/8.4	No Exceedance
MW-375	UA	Compliance	07/18/2024	A7D	pH (field)	SU	7.7	7.7	7.3/8.4	No Exceedance
MW-375	UA	Compliance	10/16/2024	A7DR	pH (field)	SU	7.6	7.6	7.3/8.4	No Exceedance
MW-375	UA	Compliance	02/07/2024	A7	Sulfate, total	mg/L	110	110	228	No Exceedance
MW-375	UA	Compliance	04/17/2024	A7R	Sulfate, total	mg/L	118	118	228	No Exceedance
MW-375	UA	Compliance	07/18/2024	A7D	Sulfate, total	mg/L	103 J-	103	228	No Exceedance
MW-375	UA	Compliance	10/16/2024	A7DR	Sulfate, total	mg/L	78.7	78.7	228	No Exceedance
MW-375	UA	Compliance	02/07/2024	A7	Total Dissolved Solids	mg/L	910	910	3,260	No Exceedance
MW-375	UA	Compliance	04/17/2024	A7R	Total Dissolved Solids	mg/L	980	980	3,260	No Exceedance
MW-375	UA	Compliance	07/18/2024	A7D	Total Dissolved Solids	mg/L	916	916	3,260	No Exceedance
MW-375	UA	Compliance	10/16/2024	A7DR	Total Dissolved Solids	mg/L	930	930	3,260	No Exceedance
MW-377	UA	Compliance	02/07/2024	A7	Boron, total	mg/L	1.79	1.79	2.23	No Exceedance
MW-377	UA	Compliance	04/17/2024	A7R	Boron, total	mg/L	1.70	1.70	2.23	No Exceedance
MW-377	UA	Compliance	07/18/2024	A7D	Boron, total	mg/L	1.62	1.62	2.23	No Exceedance
MW-377	UA	Compliance	10/16/2024	A7DR	Boron, total	mg/L	1.91	1.91	2.23	No Exceedance
MW-377	UA	Compliance	02/07/2024	A7	Calcium, total	mg/L	58.1	58.1	18.0	Reported
MW-377	UA	Compliance	04/17/2024	A7R	Calcium, total	mg/L	58.0	58.0	18.0	Confirmed
MW-377	UA	Compliance	07/18/2024	A7D	Calcium, total	mg/L	57.8	57.8	18.0	Reported
MW-377	UA	Compliance	10/16/2024	A7DR	Calcium, total	mg/L	59.0	59.0	18.0	Confirmed
MW-377	UA	Compliance	02/07/2024	A7	Chloride, total	mg/L	106	106	1,370	No Exceedance
MW-377	UA	Compliance	04/17/2024	A7R	Chloride, total	mg/L	93.0	93.0	1,370	No Exceedance
MW-377	UA	Compliance	07/18/2024	A7D	Chloride, total	mg/L	103	103	1,370	No Exceedance
MW-377	UA	Compliance	10/16/2024	A7DR	Chloride, total	mg/L	95.6	95.6	1,370	No Exceedance
MW-377	UA	Compliance	02/07/2024	A7	Fluoride, total	mg/L	1.18	1.18	3.36	No Exceedance
MW-377	UA	Compliance	04/17/2024	A7R	Fluoride, total	mg/L	1.14	1.14	3.36	No Exceedance
MW-377	UA	Compliance	07/18/2024	A7D	Fluoride, total	mg/L	1.28	1.28	3.36	No Exceedance
MW-377	UA	Compliance	10/16/2024	A7DR	Fluoride, total	mg/L	1.32	1.32	3.36	No Exceedance
MW-377	UA	Compliance	02/07/2024	A7	pH (field)	SU	7.1	7.1	7.3/8.4	Reported
MW-377	UA	Compliance	04/17/2024	A7R	pH (field)	SU	7.1	7.1	7.3/8.4	Confirmed
MW-377	UA	Compliance	07/18/2024	A7D	pH (field)	SU	7.0	7.0	7.3/8.4	Reported
MW-377	UA	Compliance	10/16/2024	A7DR	pH (field)	SU	6.9	6.9	7.3/8.4	Confirmed
MW-377	UA	Compliance	02/07/2024	A7	Sulfate, total	mg/L	52.0	52.0	228	No Exceedance

TABLE 2
ANALYTICAL RESULTS - APPENDIX III PARAMETERS
2024 40 C.F.R. § 257 ANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT
BALDWIN POWER PLANT
FLY ASH POND SYSTEM
BALDWIN, IL

Well ID	HSU	Well Type	Date	Event ID	Parameter	Unit	Result	Comparison Value	Background	SSI Type
MW-377	UA	Compliance	04/17/2024	A7R	Sulfate, total	mg/L	38.0	38.0	228	No Exceedance
MW-377	UA	Compliance	07/18/2024	A7D	Sulfate, total	mg/L	37.0	37.0	228	No Exceedance
MW-377	UA	Compliance	10/16/2024	A7DR	Sulfate, total	mg/L	35.8	35.8	228	No Exceedance
MW-377	UA	Compliance	02/07/2024	A7	Total Dissolved Solids	mg/L	628	628	3,260	No Exceedance
MW-377	UA	Compliance	04/17/2024	A7R	Total Dissolved Solids	mg/L	638	638	3,260	No Exceedance
MW-377	UA	Compliance	07/18/2024	A7D	Total Dissolved Solids	mg/L	638	638	3,260	No Exceedance
MW-377	UA	Compliance	10/16/2024	A7DR	Total Dissolved Solids	mg/L	594	594	3,260	No Exceedance
MW-383	UA	Compliance	02/06/2024	A7	Boron, total	mg/L	1.39	1.39	2.23	No Exceedance
MW-383	UA	Compliance	04/17/2024	A7R	Boron, total	mg/L	1.37	1.37	2.23	No Exceedance
MW-383	UA	Compliance	07/17/2024	A7D	Boron, total	mg/L	1.30	1.30	2.23	No Exceedance
MW-383	UA	Compliance	10/14/2024	A7DR	Boron, total	mg/L	1.65	1.65	2.23	No Exceedance
MW-383	UA	Compliance	02/06/2024	A7	Calcium, total	mg/L	17.0	17.0	18.0	No Exceedance
MW-383	UA	Compliance	04/17/2024	A7R	Calcium, total	mg/L	19.1	19.1	18.0	Exceedance Not Confirmed
MW-383	UA	Compliance	07/17/2024	A7D	Calcium, total	mg/L	22.6	22.6	18.0	Reported
MW-383	UA	Compliance	10/14/2024	A7DR	Calcium, total	mg/L	18.2	18.2	18.0	Confirmed
MW-383	UA	Compliance	02/06/2024	A7	Chloride, total	mg/L	50.0	50.0	1,370	No Exceedance
MW-383	UA	Compliance	04/17/2024	A7R	Chloride, total	mg/L	46.0	46.0	1,370	No Exceedance
MW-383	UA	Compliance	07/17/2024	A7D	Chloride, total	mg/L	43.0	43.0	1,370	No Exceedance
MW-383	UA	Compliance	10/14/2024	A7DR	Chloride, total	mg/L	40.9	40.9	1,370	No Exceedance
MW-383	UA	Compliance	02/06/2024	A7	Fluoride, total	mg/L	0.830	0.830	3.36	No Exceedance
MW-383	UA	Compliance	04/17/2024	A7R	Fluoride, total	mg/L	0.820	0.820	3.36	No Exceedance
MW-383	UA	Compliance	07/17/2024	A7D	Fluoride, total	mg/L	0.700	0.700	3.36	No Exceedance
MW-383	UA	Compliance	10/14/2024	A7DR	Fluoride, total	mg/L	0.690	0.690	3.36	No Exceedance
MW-383	UA	Compliance	02/06/2024	A7	pH (field)	SU	7.6	7.6	7.3/8.4	No Exceedance
MW-383	UA	Compliance	04/17/2024	A7R	pH (field)	SU	7.6	7.6	7.3/8.4	No Exceedance
MW-383	UA	Compliance	07/17/2024	A7D	pH (field)	SU	7.7	7.7	7.3/8.4	No Exceedance
MW-383	UA	Compliance	10/14/2024	A7DR	pH (field)	SU	7.4	7.4	7.3/8.4	No Exceedance
MW-383	UA	Compliance	02/06/2024	A7	Sulfate, total	mg/L	158	158	228	No Exceedance
MW-383	UA	Compliance	04/17/2024	A7R	Sulfate, total	mg/L	156	156	228	No Exceedance
MW-383	UA	Compliance	07/17/2024	A7D	Sulfate, total	mg/L	166	166	228	No Exceedance
MW-383	UA	Compliance	10/14/2024	A7DR	Sulfate, total	mg/L	160	160	228	No Exceedance
MW-383	UA	Compliance	02/06/2024	A7	Total Dissolved Solids	mg/L	918	918	3,260	No Exceedance
MW-383	UA	Compliance	04/17/2024	A7R	Total Dissolved Solids	mg/L	874	874	3,260	No Exceedance
MW-383	UA	Compliance	07/17/2024	A7D	Total Dissolved Solids	mg/L	976	976	3,260	No Exceedance
MW-383	UA	Compliance	10/14/2024	A7DR	Total Dissolved Solids	mg/L	920	920	3,260	No Exceedance
MW-384	UA	Compliance	02/06/2024	A7	Boron, total	mg/L	1.44	1.44	2.23	No Exceedance
MW-384	UA	Compliance	04/17/2024	A7R	Boron, total	mg/L	1.61	1.61	2.23	No Exceedance
MW-384	UA	Compliance	07/17/2024	A7D	Boron, total	mg/L	1.44	1.44	2.23	No Exceedance
MW-384	UA	Compliance	10/14/2024	A7DR	Boron, total	mg/L	1.85	1.85	2.23	No Exceedance
MW-384	UA	Compliance	02/06/2024	A7	Calcium, total	mg/L	15.8	15.8	18.0	No Exceedance
MW-384	UA	Compliance	04/17/2024	A7R	Calcium, total	mg/L	16.4	16.4	18.0	No Exceedance
MW-384	UA	Compliance	07/17/2024	A7D	Calcium, total	mg/L	12.9	12.9	18.0	No Exceedance
MW-384	UA	Compliance	10/14/2024	A7DR	Calcium, total	mg/L	17.0	17.0	18.0	No Exceedance
MW-384	UA	Compliance	02/06/2024	A7	Chloride, total	mg/L	512	512	1,370	No Exceedance
MW-384	UA	Compliance	04/17/2024	A7R	Chloride, total	mg/L	482	482	1,370	No Exceedance

TABLE 2
ANALYTICAL RESULTS - APPENDIX III PARAMETERS
2024 40 C.F.R. § 257 ANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT
BALDWIN POWER PLANT
FLY ASH POND SYSTEM
BALDWIN, IL

Well ID	HSU	Well Type	Date	Event ID	Parameter	Unit	Result	Comparison Value	Background	SSI Type
MW-384	UA	Compliance	07/17/2024	A7D	Chloride, total	mg/L	520	520	1,370	No Exceedance
MW-384	UA	Compliance	10/14/2024	A7DR	Chloride, total	mg/L	584	584	1,370	No Exceedance
MW-384	UA	Compliance	02/06/2024	A7	Fluoride, total	mg/L	4.52	4.52	3.36	Reported
MW-384	UA	Compliance	04/17/2024	A7R	Fluoride, total	mg/L	4.54	4.54	3.36	Confirmed
MW-384	UA	Compliance	07/17/2024	A7D	Fluoride, total	mg/L	4.58	4.58	3.36	Reported
MW-384	UA	Compliance	10/14/2024	A7DR	Fluoride, total	mg/L	4.05	4.05	3.36	Confirmed
MW-384	UA	Compliance	02/06/2024	A7	pH (field)	SU	8.1	8.1	7.3/8.4	No Exceedance
MW-384	UA	Compliance	04/17/2024	A7R	pH (field)	SU	8.1	8.1	7.3/8.4	No Exceedance
MW-384	UA	Compliance	07/17/2024	A7D	pH (field)	SU	8.3	8.3	7.3/8.4	No Exceedance
MW-384	UA	Compliance	10/14/2024	A7DR	pH (field)	SU	8.0	8.0	7.3/8.4	No Exceedance
MW-384	UA	Compliance	02/06/2024	A7	Sulfate, total	mg/L	34.0	34.0	228	No Exceedance
MW-384	UA	Compliance	04/17/2024	A7R	Sulfate, total	mg/L	9 J	5	228	No Exceedance
MW-384	UA	Compliance	07/17/2024	A7D	Sulfate, total	mg/L	32.0	32.0	228	No Exceedance
MW-384	UA	Compliance	10/14/2024	A7DR	Sulfate, total	mg/L	30.4	30.4	228	No Exceedance
MW-384	UA	Compliance	02/06/2024	A7	Total Dissolved Solids	mg/L	1,590	1,590	3,260	No Exceedance
MW-384	UA	Compliance	04/17/2024	A7R	Total Dissolved Solids	mg/L	1,530	1,530	3,260	No Exceedance
MW-384	UA	Compliance	07/17/2024	A7D	Total Dissolved Solids	mg/L	1,570	1,570	3,260	No Exceedance
MW-384	UA	Compliance	10/14/2024	A7DR	Total Dissolved Solids	mg/L	1,570	1,570	3,260	No Exceedance
MW-390	UA	Compliance	02/06/2024	A7	Boron, total	mg/L	1.36	1.36	2.23	No Exceedance
MW-390	UA	Compliance	04/16/2024	A7R	Boron, total	mg/L	0.206 J+	0.206	2.23	No Exceedance
MW-390	UA	Compliance	07/17/2024	A7D	Boron, total	mg/L	0.451	0.451	2.23	No Exceedance
MW-390	UA	Compliance	10/15/2024	A7DR	Boron, total	mg/L	0.385	0.385	2.23	No Exceedance
MW-390	UA	Compliance	02/06/2024	A7	Calcium, total	mg/L	60.7	60.7	18.0	Reported
MW-390	UA	Compliance	04/16/2024	A7R	Calcium, total	mg/L	96.6	96.6	18.0	Confirmed
MW-390	UA	Compliance	07/17/2024	A7D	Calcium, total	mg/L	79.9	79.9	18.0	Reported
MW-390	UA	Compliance	10/15/2024	A7DR	Calcium, total	mg/L	96.2	96.2	18.0	Confirmed
MW-390	UA	Compliance	02/06/2024	A7	Chloride, total	mg/L	315	315	1,370	No Exceedance
MW-390	UA	Compliance	04/16/2024	A7R	Chloride, total	mg/L	112	112	1,370	No Exceedance
MW-390	UA	Compliance	07/17/2024	A7D	Chloride, total	mg/L	204	204	1,370	No Exceedance
MW-390	UA	Compliance	10/15/2024	A7DR	Chloride, total	mg/L	59.0	59.0	1,370	No Exceedance
MW-390	UA	Compliance	02/06/2024	A7	Fluoride, total	mg/L	1.47	1.47	3.36	No Exceedance
MW-390	UA	Compliance	04/16/2024	A7R	Fluoride, total	mg/L	1.22	1.22	3.36	No Exceedance
MW-390	UA	Compliance	07/17/2024	A7D	Fluoride, total	mg/L	1.39	1.39	3.36	No Exceedance
MW-390	UA	Compliance	10/15/2024	A7DR	Fluoride, total	mg/L	0.500	0.500	3.36	No Exceedance
MW-390	UA	Compliance	02/06/2024	A7	pH (field)	SU	7.1	7.1	7.3/8.4	Reported
MW-390	UA	Compliance	04/16/2024	A7R	pH (field)	SU	7.2	7.2	7.3/8.4	Confirmed
MW-390	UA	Compliance	07/17/2024	A7D	pH (field)	SU	7.5	7.5	7.3/8.4	No Exceedance
MW-390	UA	Compliance	10/15/2024	A7DR	pH (field)	SU	7.0	7.0	7.3/8.4	Exceedance Not Confirmed
MW-390	UA	Compliance	02/06/2024	A7	Sulfate, total	mg/L	327	327	228	Exceedance Not Confirmed
MW-390	UA	Compliance	04/16/2024	A7R	Sulfate, total	mg/L	168	168	228	No Exceedance
MW-390	UA	Compliance	07/17/2024	A7D	Sulfate, total	mg/L	245	245	228	Reported
MW-390	UA	Compliance	10/15/2024	A7DR	Sulfate, total	mg/L	120	120	228	No Exceedance
MW-390	UA	Compliance	02/06/2024	A7	Total Dissolved Solids	mg/L	1,380	1,380	3,260	No Exceedance
MW-390	UA	Compliance	04/16/2024	A7R	Total Dissolved Solids	mg/L	812	812	3,260	No Exceedance
MW-390	UA	Compliance	07/17/2024	A7D	Total Dissolved Solids	mg/L	1,050	1,050	3,260	No Exceedance

TABLE 2
ANALYTICAL RESULTS - APPENDIX III PARAMETERS
2024 40 C.F.R. § 257 ANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT
BALDWIN POWER PLANT
FLY ASH POND SYSTEM
BALDWIN, IL

Well ID	HSU	Well Type	Date	Event ID	Parameter	Unit	Result	Comparison Value	Background	SSI Type
MW-390	UA	Compliance	10/15/2024	A7DR	Total Dissolved Solids	mg/L	658	658	3,260	No Exceedance
MW-391	UA	Compliance	07/19/2024	A7D	Boron, total	mg/L	0.767	0.767	2.23	No Exceedance
MW-391	UA	Compliance	--	A7	Boron, total	mg/L	PM[1]	--	2.23	--
MW-391	UA	Compliance	--	A7R	Boron, total	mg/L	NS[7]	--	2.23	--
MW-391	UA	Compliance	07/19/2024	A7D	Calcium, total	mg/L	9.87	9.87	18.0	No Exceedance
MW-391	UA	Compliance	--	A7	Calcium, total	mg/L	PM[1]	--	18.0	--
MW-391	UA	Compliance	--	A7R	Calcium, total	mg/L	NS[7]	--	18.0	--
MW-391	UA	Compliance	07/19/2024	A7D	Chloride, total	mg/L	56.0	56.0	1,370	No Exceedance
MW-391	UA	Compliance	--	A7	Chloride, total	mg/L	PM[1]	--	1,370	--
MW-391	UA	Compliance	--	A7R	Chloride, total	mg/L	NS[7]	--	1,370	--
MW-391	UA	Compliance	07/19/2024	A7D	Fluoride, total	mg/L	1.46	1.46	3.36	No Exceedance
MW-391	UA	Compliance	--	A7	Fluoride, total	mg/L	PM[1]	--	3.36	--
MW-391	UA	Compliance	--	A7R	Fluoride, total	mg/L	NS[7]	--	3.36	--
MW-391	UA	Compliance	02/09/2024	A7	pH (field)	SU	7.1	7.1	7.3/8.4	Reported
MW-391	UA	Compliance	07/19/2024	A7D	pH (field)	SU	7.8	7.8	7.3/8.4	No Exceedance
MW-391	UA	Compliance	--	A7R	pH (field)	SU	NS[7]	--	7.3/8.4	--
MW-391	UA	Compliance	07/19/2024	A7D	Sulfate, total	mg/L	139	139	228	No Exceedance
MW-391	UA	Compliance	--	A7	Sulfate, total	mg/L	PM[1]	--	228	--
MW-391	UA	Compliance	--	A7R	Sulfate, total	mg/L	NS[7]	--	228	--
MW-391	UA	Compliance	07/19/2024	A7D	Total Dissolved Solids	mg/L	880	880	3,260	No Exceedance
MW-391	UA	Compliance	--	A7	Total Dissolved Solids	mg/L	PM[1]	--	3,260	--
MW-391	UA	Compliance	--	A7R	Total Dissolved Solids	mg/L	NS[7]	--	3,260	--
MW-391R	UA	Compliance	--	A7DR	Boron, total	mg/L	NS[7]	--	2.23	--
MW-391R	UA	Compliance	--	A7DR	Calcium, total	mg/L	NS[7]	--	18.0	--
MW-391R	UA	Compliance	--	A7DR	Chloride, total	mg/L	NS[7]	--	1,370	--
MW-391R	UA	Compliance	--	A7DR	Fluoride, total	mg/L	NS[7]	--	3.36	--
MW-391R	UA	Compliance	--	A7DR	pH (field)	SU	NS[7]	--	7.3/8.4	--
MW-391R	UA	Compliance	--	A7DR	Sulfate, total	mg/L	NS[7]	--	228	--
MW-391R	UA	Compliance	--	A7DR	Total Dissolved Solids	mg/L	NS[7]	--	3,260	--

TABLE 2
ANALYTICAL RESULTS - APPENDIX III PARAMETERS
2024 40 C.F.R. § 257 ANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT
BALDWIN POWER PLANT
FLY ASH POND SYSTEM
BALDWIN, IL

Notes:
-- = not applicable
Comparison Value is different from the Result when the Result is below the Reporting Limit (RL). The Result will not be used in statistical calculations due to the inherent uncertainty in results that are below the RL. Half of the RL will be substituted for these data. See the *Multi-Site Statistical Analysis Plan* (Ramboll, 2022a) for more information.
Event IDs:
A7 = Quarter 1, 2024 Corrective Action Monitoring sampling event
A7D = Quarter 3, 2024 Corrective Action Monitoring sampling event
A7DR = Quarter 4, 2024 Corrective Action Monitoring resampling event
A7R = Quarter 2, 2024 Corrective Action Monitoring resampling event
ADD = Additional sample event outside of quarterly events
HSU = hydrostratigraphic unit:
PMP = Potential Migration Pathway
UA = Uppermost Aquifer
ID = identification
mg/L = milligrams 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, but the result may be biased low.
J = The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.
J+ = The result is an estimated quantity, but the result may be biased high.
U = The analyte was analyzed for, but was not detected above the level of the adjusted detection limit or quantitation limit, as appropriate.
Statistically Significant Increase (SSI) Type:
No Exceedance: No exceedance of the background.
Exceedance Not Confirmed: An exceedance was determined in the parent event, a resample was collected, and the resample did not confirm the exceedance; or an exceedance was not determined in the parent event but a subsequent sample collected exhibited a concentration higher than background.
Reported: An exceedance in the parent event was observed and reported.
Confirmed: A resample confirmed an observed exceedance in the parent event.
SU = Standard Units

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TABLE 3
ANALYTICAL RESULTS - APPENDIX IV PARAMETERS
2024 40 C.F.R. § 257 ANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT
BALDWIN POWER PLANT
FLY ASH POND SYSTEM
BALDWIN, IL

Well ID	Well Type	Date	Event ID	Antimony, total (mg/L)	Arsenic, total (mg/L)	Barium, total (mg/L)	Beryllium, total (mg/L)	Cadmium, total (mg/L)	Chromium, total (mg/L)	Cobalt, total (mg/L)	Fluoride, total (mg/L)	Lead, total (mg/L)	Lithium, total (mg/L)	Mercury, total (mg/L)	Molybdenum, total (mg/L)	Radium 226 + 228 (pCi/L)	Selenium, total (mg/L)	Thallium, total (mg/L)
MW-304	B	02/05/2024	A7	0.0004 U	0.00380	0.0295	0.0002 U	0.0002 U	0.002 UJ	0.0001 U	1.77	0.0006 U	0.0763	0.00006 U	0.002 UJ	0.133	0.0006 U	0.001 U
MW-304	B	04/16/2024	A7R	0.0005 J	0.00280	0.0199	0.0002 U	0.0002 U	0.0007 U	0.0001 U	1.69	0.0006 U	0.0823	0.00006 U	0.0015 UJ	1.01	0.0006 U	0.001 U
MW-304	B	07/17/2024	A7D	0.0004 U	0.00250 J	0.0175	0.0002 U	0.0002 U	0.0007 U	0.0001 U	1.69	0.0006 U	0.0750	0.00006 U	0.0007 J	0.499	0.0006 U	0.001 U
MW-304	B	10/16/2024	A7DR	0.0008 J	0.00280	0.0192	0.0002 U	0.0002 U	0.0007 U	0.0001 U	1.82	0.0006 U	0.0833	0.00006 U	0.00170	0.518	0.0006 U	0.001 U
MW-358	B	02/06/2024	A7	0.001 UJ	0.00620	0.215	0.0002 U	0.0002 U	0.002 UJ	0.0009 J	2.40	0.0008 J	0.115	0.00006 U	0.00410 J+	0.854	0.0006 U	0.001 U
MW-358	B	04/17/2024	A7R	0.0004 U	0.00140	0.120	0.0002 U	0.0002 U	0.0015 UJ	0.0003 J	1.53	0.0006 U	0.0425	0.00011 J	0.00440 J+	1.40	0.0006 U	0.001 U
MW-358	B	07/18/2024	A7D	0.00110	0.00110	0.111	0.0002 U	0.0002 U	0.00210	0.001 UJ	0.750	0.0006 J	0.0379	0.00008 J	0.00370	0.329	0.0006 U	0.001 U
MW-358R	B	11/01/2024	A7DR	0.00330	0.00370	0.167	0.0005 J	0.0002 J	0.0267	0.00380	1.20	0.00190	0.0224	0.00006 U	0.142	0.399	0.00330	0.001 U
MW-150	C	02/07/2024	A7	0.0004 U	0.0005 J	0.0155	0.0002 U	0.0002 U	0.001 U	0.0001 U	0.710	0.0006 U	0.0566	0.00007 U	0.00180 J+	0.00407	0.0009 J	0.001 U
MW-150	C	04/17/2024	A7R	0.0004 U	0.0004 U	0.0160	0.0002 U	0.0002 U	0.0015 UJ	0.0001 U	0.680	0.0009 J	0.0543	0.00008 J	0.0015 UJ	0.0997	0.0006 U	0.001 U
MW-150	C	07/18/2024	A7D	0.0004 U	0.0004 U	0.0152	0.0002 U	0.0002 U	0.0007 U	0.0001 U	0.680	0.00130	0.0511	0.00006 U	0.0006 J	0.0284	0.0006 U	0.001 U
MW-150	C	10/15/2024	A7DR	0.0009 J	0.0004 J	0.0163	0.0002 U	0.0002 U	0.0009 J	0.0001 U	0.720	0.0006 U	0.0538	0.00006 U	0.00190	0.253	0.0009 J	0.001 U
MW-151	C	02/07/2024	A7	0.0004 U	0.0005 J	0.0591	0.0002 U	0.0002 U	0.00330 J+	0.0008 J	0.520	0.00120	0.0255	0.00007 U	0.002 UJ	0.0315	0.0006 U	0.001 U
MW-151	C	04/18/2024	A7R	0.0004 U	0.0005 J	0.0703	0.0002 U	0.0002 U	0.0015 UJ	0.0009 J	0.490	0.0006 U	0.0291	0.00006 U	0.0015 UJ	0.289	0.0006 U	0.001 U
MW-151	C	07/18/2024	A7D	0.00170	0.0004 U	0.0569	0.0002 U	0.0002 U	0.00180	0.00130 J+	0.570	0.0009 J	0.0296	0.00006 U	0.0008 J	0.843	0.0006 U	0.001 U
MW-151	C	10/16/2024	A7DR	0.0005 J	0.0005 J	0.0614	0.0003 J	0.0002 U	0.0187	0.00130	0.580	0.0009 J	0.0297	0.00006 U	0.0006 J	0.148	0.0006 U	0.001 U
MW-152	C	02/07/2024	A7	0.0004 U	0.00230	0.0422	0.0003 J	0.0002 U	0.00860 J+	0.00260	0.260	0.00470	0.0178	0.00007 U	0.0006 U	0.231	0.0006 U	0.001 U
MW-152	C	04/18/2024	A7R	0.0004 U	0.00160	0.0282	0.0002 U	0.0002 U	0.00380 J+	0.00170	0.240	0.00630	0.0147	0.00006 U	0.0015 UJ	0.766	0.0006 U	0.001 U
MW-152	C	07/18/2024	A7D	0.0008 J	0.0004 U	0.0146	0.0002 U	0.0002 U	0.0011 J	0.001 UJ	0.310	0.0006 U	0.0110	0.00006 U	0.0006 U	0.508	0.0006 U	0.001 U
MW-152	C	10/16/2024	A7DR	0.0004 U	0.0004 U	0.0232	0.0002 U	0.0002 U	0.0011 J	0.0003 J	0.2 J	0.0006 U	0.0153	0.00006 U	0.0007 J	0.768	0.0006 U	0.001 U
MW-153	C	02/08/2024	A7	0.0004 U	0.0004 U	0.0376	0.0002 U	0.0002 U	0.002 UJ	0.0001 U	0.430	0.0006 U	0.00430	0.0002 UJ	0.0006 U	0.503	0.00240	0.001 U
MW-153	C	04/18/2024	A7R	0.001 UJ	0.0004 U	0.0434	0.0002 U	0.0002 U	0.0015 UJ	0.0001 U	0.380	0.0006 U	0.00470	0.00006 U	0.0006 U	0.404	0.00230	0.001 U
MW-153	C	07/18/2024	A7D	0.0007 J	0.0009 J	0.0512	0.001 UJ	0.0002 U	0.00370	0.001 UJ	0.420	0.00170	0.00660	0.00006 J	0.0006 U	1.35	0.00210	0.001 U
MW-153	C	10/16/2024	A7DR	0.0004 U	0.0007 J	0.0504	0.0003 J	0.0002 U	0.00320	0.0005 J	0.43 J	0.00170	0.00570	0.00006 U	0.0007 J	0.590	0.00230	0.001 U
MW-252	C	02/07/2024	A7	0.00220 J+	0.0008 J	0.0299	0.0002 U	0.0002 U	0.00220 J+	0.00120	0.210	0.0008 J	0.0168	0.00007 U	0.002 UJ	0.270	0.0006 U	0.001 U
MW-252	C	04/18/2024	A7R	0.00200	0.0009 J	0.0391	0.0002 U	0.0002 U	0.0015 UJ	0.00160	0.220	0.0008 J	0.0188	0.00006 J	0.0015 UJ	0.409	0.0006 U	0.001 U
MW-252	C	07/18/2024	A7D	0.0005 J	0.0006 J	0.0252	0.0002 U	0.0002 U	0.0007 U	0.00370 J+	0.230	0.0006 U	0.0151	0.00006 U	0.0006 U	0.557	0.0006 U	0.001 U

TABLE 3
ANALYTICAL RESULTS - APPENDIX IV PARAMETERS
2024 40 C.F.R. § 257 ANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT
BALDWIN POWER PLANT
FLY ASH POND SYSTEM
BALDWIN, IL

Well ID	Well Type	Date	Event ID	Antimony, total (mg/L)	Arsenic, total (mg/L)	Barium, total (mg/L)	Beryllium, total (mg/L)	Cadmium, total (mg/L)	Chromium, total (mg/L)	Cobalt, total (mg/L)	Fluoride, total (mg/L)	Lead, total (mg/L)	Lithium, total (mg/L)	Mercury, total (mg/L)	Molybdenum, total (mg/L)	Radium 226 + 228 (pCi/L)	Selenium, total (mg/L)	Thallium, total (mg/L)
MW-252	C	10/16/2024	A7DR	0.0004 U	0.0005 J	0.0237	0.0002 U	0.0002 U	0.0007 U	0.00240	0.2 U	0.0008 J	0.0157	0.00006 U	0.0006 U	0.976	0.0006 U	0.001 U
MW-253	C	02/08/2024	A7	0.001 UJ	0.0004 U	0.0481	0.0002 U	0.0002 U	0.0009 U	0.0001 U	0.170	0.0006 U	0.0357	0.0002 UJ	0.00610	0.689	0.0006 U	0.001 U
MW-253	C	--	A7R	NS[1]	NS[1]	NS[1]	NS[1]	NS[1]	NS[1]	NS[1]	NS[1]	NS[1]	NS[1]	NS[1]	NS[1]	NS[1]	NS[1]	NS[1]
MW-253R	C	07/18/2024	A7D	0.001 UJ	0.00120	0.111	0.0002 U	0.0002 U	0.0007 U	0.0001 U	0.460	0.0006 U	0.0142	0.00006 U	0.00410	1.12	0.0006 U	0.001 U
MW-253R	C	08/28/2024	ADD	0.0005 J+	0.0100 J	0.119	0.0008 J	0.0002 U	0.0149 J	0.00480 J	0.12 J	0.00410 J	0.0206	0.00006 U	0.00550 J	1.47	0.0006 U	0.001 U
MW-253R	C	10/16/2024	A7DR	0.0004 U	0.00230	0.0614	0.0002 U	0.0002 U	0.0007 U	0.0005 J	0.2 U	0.00310	0.0193	0.00006 U	0.00530	0.674	0.0006 U	0.0015 J
MW-350	C	02/07/2024	A7	0.00150 J+	0.0004 U	0.197	0.0002 U	0.0002 U	0.00390 J+	0.0001 J	0.180	0.0008 U	0.0763	0.00007 U	0.00250 J+	0.959	0.0006 U	0.001 U
MW-350	C	--	A7R	NS[1]	NS[1]	NS[1]	NS[1]	NS[1]	NS[1]	NS[1]	NS[1]	NS[1]	NS[1]	NS[1]	NS[1]	NS[1]	NS[1]	NS[1]
MW-350R	C	07/18/2024	A7D	0.001 UJ	0.00290	0.106	0.0002 U	0.0002 U	0.001 J	0.001 UJ	0.870	0.0006 U	0.0754	0.00006 U	0.0175	0.340	0.0006 U	0.0014 J
MW-350R	C	10/15/2024	A7DR	0.0008 J	0.00170	0.126	0.0002 U	0.0002 U	0.00160	0.0003 J	0.940	0.0006 U	0.0698	0.00006 U	0.00600	0.491	0.0006 U	0.001 U
MW-352	C	02/07/2024	A7	0.00200 J+	0.0004 U	0.0839	0.0002 U	0.0002 U	0.001 U	0.0001 U	1.46	0.0008 U	0.0844	0.00007 U	0.0006 U	1.03	0.0006 U	0.001 U
MW-352	C	04/18/2024	A7R	0.001 UJ	0.0004 U	0.124	0.0002 U	0.0002 U	0.0007 U	0.0001 U	1.44	0.0007 J	0.125	0.00006 U	0.0006 U	0.905	0.0006 U	0.001 U
MW-352	C	07/18/2024	A7D	0.0004 U	0.0004 U	0.0917	0.0002 U	0.0002 U	0.0007 U	0.0001 U	1.54	0.0006 U	0.0975	0.00006 U	0.0006 U	0.878	0.0006 U	0.001 U
MW-352	C	10/16/2024	A7DR	0.0004 U	0.0004 U	0.0929	0.0002 U	0.0002 U	0.0007 U	0.0001 U	1.56	0.0006 U	0.0920	0.00006 U	0.0006 U	0.461	0.0006 U	0.001 U
MW-366	C	02/07/2024	A7	0.001 UJ	0.0005 J	0.0348	0.0002 U	0.0002 U	0.001 U	0.0006 J	0.350	0.0008 U	0.0115	0.00007 U	0.00300 J+	0.470	0.0006 U	0.001 U
MW-366	C	04/16/2024	A7R	0.0005 J	0.0009 J	0.0647	0.0002 U	0.0002 J	0.0007 U	0.00130	0.460	0.0006 U	0.0219	0.00006 U	0.00440 J+	0.965	0.0007 J	0.001 U
MW-366	C	07/18/2024	A7D	0.0006 J	0.0005 J	0.0296	0.0002 U	0.0002 U	0.0007 U	0.001 UJ	0.330	0.0006 U	0.0110	0.00006 U	0.00320	0.156	0.0006 U	0.001 U
MW-366	C	10/15/2024	A7DR	0.0005 J	0.0008 J	0.0392	0.0002 U	0.0002 U	0.00220	0.0004 J	0.29 J	0.0006 U	0.0130	0.00006 U	0.00360	0.141	0.0006 U	0.001 U
MW-375	C	02/07/2024	A7	0.001 UJ	0.00140	0.0221	0.0002 U	0.0002 U	0.001 U	0.0001 J	2.30	0.0008 U	0.0736	0.00007 U	0.0271	0.617	0.0006 U	0.0013 J
MW-375	C	04/17/2024	A7R	0.00380	0.00140	0.0250	0.0002 U	0.0002 U	0.0015 UJ	0.0001 U	2.60	0.00150	0.0708	0.00006 U	0.0229	0.456	0.0006 U	0.001 U
MW-375	C	07/18/2024	A7D	0.0006 J	0.00170	0.0242	0.0002 U	0.0002 U	0.0007 U	0.001 UJ	2.42	0.0006 U	0.0695	0.00006 U	0.0167	0.248	0.0006 U	0.001 U
MW-375	C	10/16/2024	A7DR	0.0004 U	0.00310	0.0288	0.0002 U	0.0002 U	0.0012 J	0.0003 J	2.40	0.0006 U	0.0696	0.00006 U	0.0244	0.330	0.0006 U	0.001 U
MW-377	C	02/07/2024	A7	0.0004 U	0.00130	0.0605	0.0002 U	0.0002 U	0.001 U	0.00140	1.18	0.0008 U	0.0653	0.00007 U	0.002 UJ	0.730	0.0006 U	0.0014 J
MW-377	C	04/17/2024	A7R	0.00100	0.0004 U	0.0639	0.0002 U	0.0002 U	0.0007 U	0.0002 J	1.14	0.0006 U	0.0630	0.00006 U	0.0006 U	1.19	0.0006 U	0.001 U
MW-377	C	07/18/2024	A7D	0.0004 U	0.0004 U	0.0574	0.0002 U	0.0002 U	0.0007 U	0.0001 U	1.28	0.0006 U	0.0630	0.00006 U	0.0006 U	0.362	0.0006 U	0.001 U
MW-377	C	10/16/2024	A7DR	0.0004 U	0.0004 U	0.0679	0.0002 U	0.0002 U	0.0007 U	0.0001 U	1.32	0.0006 U	0.0654	0.00006 U	0.0007 J	0.686	0.0006 U	0.001 U
MW-383	C	02/06/2024	A7	0.0004 U	0.0008 J	0.0925	0.0002 U	0.0002 U	0.00190 J+	0.0009 J	0.830	0.00180	0.0521	0.00006 U	0.0156	0.401	0.0006 U	0.001 U

TABLE 3
ANALYTICAL RESULTS - APPENDIX IV PARAMETERS
2024 40 C.F.R. § 257 ANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT
BALDWIN POWER PLANT
FLY ASH POND SYSTEM
BALDWIN, IL

Well ID	Well Type	Date	Event ID	Antimony, total (mg/L)	Arsenic, total (mg/L)	Barium, total (mg/L)	Beryllium, total (mg/L)	Cadmium, total (mg/L)	Chromium, total (mg/L)	Cobalt, total (mg/L)	Fluoride, total (mg/L)	Lead, total (mg/L)	Lithium, total (mg/L)	Mercury, total (mg/L)	Molybdenum, total (mg/L)	Radium 226 + 228 (pCi/L)	Selenium, total (mg/L)	Thallium, total (mg/L)
MW-383	C	04/17/2024	A7R	0.0004 U	0.0005 J	0.0495	0.0002 U	0.0002 U	0.0007 U	0.0001 U	0.820	0.0006 U	0.0371	0.00006 U	0.00910	0.422	0.0006 U	0.001 U
MW-383	C	07/17/2024	A7D	0.0004 U	0.0006 J	0.0505	0.0002 U	0.0002 U	0.0007 U	0.001 UJ	0.700	0.0006 U	0.0355	0.00006 U	0.00960	0.174	0.0006 U	0.001 U
MW-383	C	10/14/2024	A7DR	0.0005 J	0.0006 J	0.0456	0.0002 U	0.0002 U	0.0007 U	0.0001 U	0.690	0.0006 U	0.0434	0.00006 U	0.00950	0.381	0.0006 U	0.001 U
MW-384	C	02/06/2024	A7	0.0004 U	0.0006 J	0.0985	0.0002 U	0.0002 U	0.00340 J+	0.00100	4.52	0.00140	0.0660	0.00006 U	0.0170	0.409	0.0006 U	0.001 U
MW-384	C	04/17/2024	A7R	0.0004 U	0.0004 U	0.0554	0.0002 U	0.0002 U	0.0015 UJ	0.0001 U	4.54	0.0006 U	0.0468	0.00006 U	0.0130	0.455	0.0006 U	0.001 U
MW-384	C	07/17/2024	A7D	0.0004 U	0.0004 U	0.0476	0.0002 U	0.0002 U	0.00280	0.001 UJ	4.58	0.0006 J	0.0437	0.00006 U	0.0116	0.668	0.0006 U	0.001 U
MW-384	C	10/14/2024	A7DR	0.0004 U	0.0004 U	0.0550	0.0002 U	0.0002 U	0.00150 J	0.0003 J	4.05	0.0006 U	0.0538	0.00006 U	0.0135	0.0302	0.0006 U	0.001 U
MW-390	C	02/06/2024	A7	0.0004 U	0.00190	0.0311	0.0002 U	0.0002 U	0.0007 U	0.0005 J	1.47	0.0006 U	0.0639	0.00006 U	0.00240 J+	1.42	0.0006 U	0.001 U
MW-390	C	04/16/2024	A7R	0.0005 J	0.00170	0.102	0.0002 U	0.0002 U	0.0015 UJ	0.0003 J	1.22	0.001 UJ	0.0112	0.00006 U	0.00400 J+	1.38	0.0006 U	0.001 J
MW-390	C	07/17/2024	A7D	0.0004 U	0.0009 J	0.0627	0.0002 U	0.0002 U	0.0007 U	0.00160 J+	1.39	0.0006 J	0.0290	0.00006 U	0.00290	0.375	0.0006 U	0.001 U
MW-390	C	10/15/2024	A7DR	0.0006 J	0.0008 J	0.0743	0.0002 U	0.0002 U	0.0007 U	0.0009 J	0.500	0.0006 U	0.0188	0.00006 U	0.00310	0.394	0.0006 U	0.001 U
MW-391	C	02/09/2024	A7	--	--	--	--	--	--	--	--	--	--	--	--	2.40	--	--
MW-391	C	07/19/2024	A7D	0.0008 J	0.00200	0.0183	0.0002 U	0.0002 U	0.0007 U	0.0001 U	1.46	0.0006 U	0.0477	0.00006 U	0.0356	0.242	0.00400	0.001 U
MW-391	C	--	A7	PM[1]	PM[1]	PM[1]	PM[1]	PM[1]	PM[1]	PM[1]	PM[1]	PM[1]	PM[1]	PM[1]	PM[1]	--	PM[1]	PM[1]
MW-391	C	--	A7R	NS[7]	NS[7]	NS[7]	NS[7]	NS[7]	NS[7]	NS[7]	NS[7]	NS[7]	NS[7]	NS[7]	NS[7]	NS[7]	NS[7]	NS[7]
MW-391R	C	--	A7DR	NS[7]	NS[7]	NS[7]	NS[7]	NS[7]	NS[7]	NS[7]	NS[7]	NS[7]	NS[7]	NS[7]	NS[7]	NS[7]	NS[7]	NS[7]

TABLE 3
ANALYTICAL RESULTS - APPENDIX IV PARAMETERS
2024 40 C.F.R. § 257 ANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT
BALDWIN POWER PLANT
FLY ASH POND SYSTEM
BALDWIN, IL

Notes:
-- = not applicable
Data qualifiers as defined in the United States Environmental Protection Agency's *National Functional Guidelines for Inorganic Superfund Methods Data Review* (2020):
J = The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.
J+ = The result is an estimated quantity, but the result may be biased high.
U = The analyte was analyzed for, but was not detected above the level of the adjusted detection limit or quantitation limit, as appropriate.
UJ = The analyte was analyzed for, but was not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.
Event IDs:
A7 = Quarter 1, 2024 Corrective Action Monitoring sampling event
A7R = Quarter 2, 2024 Corrective Action Monitoring resampling event
A7D = Quarter 3, 2024 Corrective Action Monitoring sampling event
A7DR = Quarter 4, 2024 Corrective Action Monitoring resampling event
ADD = Additional sample event outside of quarterly events
ID = identification
mg/L = milligrams per liter
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.
Well Type:
B = Background
C = Compliance

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TABLE 4
STATISTICAL BACKGROUND VALUES
2024 40 C.F.R. § 257 ANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT
BALDWIN POWER PLANT
FLY ASH POND SYSTEM
BALDWIN, IL

Parameter	Date Range	Sample Count	Percent Non-Detects	Statistical Calculation	Statistical Background Value (LPL/UPL)
Boron (mg/L)	10/26/2022 - 08/07/2023	18	0	Parametric UPL	2.23
Calcium (mg/L)	10/26/2022 - 08/07/2023	18	0	Parametric UPL	18.0
Chloride (mg/L)	10/26/2022 - 08/07/2023	18	0	Non-Parametric UPL	1,370
Fluoride (mg/L)	10/26/2022 - 08/07/2023	18	0	Non-Parametric UPL	3.36
pH (field) (SU)	10/26/2022 - 08/07/2023	19	0	Parametric LPL/UPL (log-transformed)	7.3/8.4
Sulfate (mg/L)	10/26/2022 - 08/07/2023	18	22	Non-Parametric UPL	228
Total Dissolved Solids (mg/L)	10/26/2022 - 08/07/2023	19	0	Non-Parametric UPL	3,260

Notes:
LPL = lower prediction limit (applicable for pH only)
mg/L = milligrams per liter
SU = standard units
UPL = upper prediction limit

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TABLE 5
GROUNDWATER PROTECTION STANDARDS
2024 40 C.F.R. § 257 ANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT
BALDWIN POWER PLANT
FLY ASH POND SYSTEM
BALDWIN, IL

Parameter	Background					MCL/HBL	Groundwater Protection Standard*	Groundwater Protection Standard Source
	Date Range	Sample Count	Percent Non-Detects	Statistical Calculation	Value			
Antimony (mg/L)	10/26/2022 - 08/07/2023	18	83	Non-parametric UTL	0.00230	0.006	0.006	MCL/HBL
Arsenic (mg/L)	10/26/2022 - 08/07/2023	18	11	Parametric UTL	0.00578	0.010	0.010	MCL/HBL
Barium (mg/L)	10/26/2022 - 08/07/2023	18	0	Non-parametric UTL	0.261	2.0	2.0	MCL/HBL
Beryllium (mg/L)	10/26/2022 - 08/07/2023	18	100	All ND - Last Reporting Limit	0.001	0.004	0.004	MCL/HBL
Cadmium (mg/L)	10/26/2022 - 08/07/2023	18	100	All ND - Last Reporting Limit	0.001	0.005	0.005	MCL/HBL
Chromium (mg/L)	10/26/2022 - 08/07/2023	18	83	Non-parametric UTL	0.0125	0.1	0.1	MCL/HBL
Cobalt (mg/L)	10/26/2022 - 08/07/2023	18	89	Non-parametric UTL	0.00220	0.006	0.006	MCL/HBL
Fluoride (mg/L)	10/26/2022 - 08/07/2023	18	0	Non-parametric UTL	3.36	4.0	4.0	MCL/HBL
Lead (mg/L)	10/26/2022 - 08/07/2023	18	94	Non-parametric UTL	0.00220	0.015	0.015	MCL/HBL
Lithium (mg/L)	10/26/2022 - 08/07/2023	18	0	Parametric UTL	0.123	0.04	0.123	Background
Mercury (mg/L)	10/26/2022 - 08/07/2023	18	100	All ND - Last Reporting Limit	0.0002	0.002	0.002	MCL/HBL
Molybdenum (mg/L)	10/26/2022 - 08/07/2023	18	50	Non-parametric UTL	0.0782	0.1	0.1	MCL/HBL
Radium 226 + Radium 228 (pCi/L)	10/26/2022 - 08/07/2023	18	0	Parametric UTL (log-transformed)	4.14	5	5	MCL/HBL
Selenium (mg/L)	10/26/2022 - 08/07/2023	18	94	Non-parametric UTL	0.00320	0.05	0.05	MCL/HBL
Thallium (mg/L)	10/26/2022 - 08/07/2023	18	100	All ND - Last Reporting Limit	0.002	0.002	0.002	MCL/HBL

Notes:
* Groundwater Protection Standard is the higher of the MCL/HBL or background.
MCL/HBL = maximum contaminant level/health-based level
mg/L = milligrams per liter
ND = non-detect
pCi/L = picoCuries per liter
UTL = upper tolerance limit

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TABLE 6
DETERMINATION OF STATISTICALLY SIGNIFICANT LEVELS
2024 40 C.F.R. § 257 ANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT
BALDWIN POWER PLANT
FLY ASH POND SYSTEM
BALDWIN, IL

Well ID	HSU	Event ID	Parameter	Unit	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	SSL Type
MW-150	PMP	A7	Antimony, total	mg/L	03/15/23 - 02/07/24	5	100	All ND - Last	0.001	0.006	MCL/HBL	No Exceedance
MW-150	PMP	A7R	Antimony, total	mg/L	03/15/23 - 04/17/24	6	100	All ND - Last	0.001	0.006	MCL/HBL	No Exceedance
MW-150	PMP	A7D	Antimony, total	mg/L	03/15/23 - 07/18/24	7	100	All ND - Last	0.001	0.006	MCL/HBL	No Exceedance
MW-150	PMP	A7DR	Antimony, total	mg/L	03/15/23 - 10/15/24	8	100	All ND - Last	0.001	0.006	MCL/HBL	No Exceedance
MW-150	PMP	A7	Arsenic, total	mg/L	03/15/23 - 02/07/24	5	100	All ND - Last	0.001	0.010	MCL/HBL	No Exceedance
MW-150	PMP	A7R	Arsenic, total	mg/L	03/15/23 - 04/17/24	6	100	All ND - Last	0.001	0.010	MCL/HBL	No Exceedance
MW-150	PMP	A7D	Arsenic, total	mg/L	03/15/23 - 07/18/24	7	100	All ND - Last	0.001	0.010	MCL/HBL	No Exceedance
MW-150	PMP	A7DR	Arsenic, total	mg/L	03/15/23 - 10/15/24	8	100	All ND - Last	0.001	0.010	MCL/HBL	No Exceedance
MW-150	PMP	A7	Barium, total	mg/L	03/15/23 - 02/07/24	5	0	CI around mean	0.0141	2.0	MCL/HBL	No Exceedance
MW-150	PMP	A7R	Barium, total	mg/L	03/15/23 - 04/17/24	6	0	CI around mean	0.0146	2.0	MCL/HBL	No Exceedance
MW-150	PMP	A7D	Barium, total	mg/L	03/15/23 - 07/18/24	7	0	CI around mean	0.0147	2.0	MCL/HBL	No Exceedance
MW-150	PMP	A7DR	Barium, total	mg/L	03/15/23 - 10/15/24	8	0	CI around mean	0.0150	2.0	MCL/HBL	No Exceedance
MW-150	PMP	A7	Beryllium, total	mg/L	03/15/23 - 02/07/24	5	100	All ND - Last	0.001	0.004	MCL/HBL	No Exceedance
MW-150	PMP	A7R	Beryllium, total	mg/L	03/15/23 - 04/17/24	6	100	All ND - Last	0.001	0.004	MCL/HBL	No Exceedance
MW-150	PMP	A7D	Beryllium, total	mg/L	03/15/23 - 07/18/24	7	100	All ND - Last	0.001	0.004	MCL/HBL	No Exceedance
MW-150	PMP	A7DR	Beryllium, total	mg/L	03/15/23 - 10/15/24	8	100	All ND - Last	0.001	0.004	MCL/HBL	No Exceedance
MW-150	PMP	A7	Cadmium, total	mg/L	03/15/23 - 02/07/24	5	100	All ND - Last	0.001	0.005	MCL/HBL	No Exceedance
MW-150	PMP	A7R	Cadmium, total	mg/L	03/15/23 - 04/17/24	6	100	All ND - Last	0.001	0.005	MCL/HBL	No Exceedance
MW-150	PMP	A7D	Cadmium, total	mg/L	03/15/23 - 07/18/24	7	100	All ND - Last	0.001	0.005	MCL/HBL	No Exceedance
MW-150	PMP	A7DR	Cadmium, total	mg/L	03/15/23 - 10/15/24	8	100	All ND - Last	0.001	0.005	MCL/HBL	No Exceedance
MW-150	PMP	A7	Chromium, total	mg/L	03/15/23 - 02/07/24	5	100	All ND - Last	0.0015	0.1	MCL/HBL	No Exceedance
MW-150	PMP	A7R	Chromium, total	mg/L	03/15/23 - 04/17/24	6	100	All ND - Last	0.0015	0.1	MCL/HBL	No Exceedance
MW-150	PMP	A7D	Chromium, total	mg/L	03/15/23 - 07/18/24	7	100	All ND - Last	0.0015	0.1	MCL/HBL	No Exceedance
MW-150	PMP	A7DR	Chromium, total	mg/L	03/15/23 - 10/15/24	8	100	All ND - Last	0.0015	0.1	MCL/HBL	No Exceedance
MW-150	PMP	A7	Cobalt, total	mg/L	03/15/23 - 02/07/24	5	100	All ND - Last	0.001	0.006	MCL/HBL	No Exceedance
MW-150	PMP	A7R	Cobalt, total	mg/L	03/15/23 - 04/17/24	6	100	All ND - Last	0.001	0.006	MCL/HBL	No Exceedance
MW-150	PMP	A7D	Cobalt, total	mg/L	03/15/23 - 07/18/24	7	100	All ND - Last	0.001	0.006	MCL/HBL	No Exceedance

TABLE 6
DETERMINATION OF STATISTICALLY SIGNIFICANT LEVELS
2024 40 C.F.R. § 257 ANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT
BALDWIN POWER PLANT
FLY ASH POND SYSTEM
BALDWIN, IL

Well ID	HSU	Event ID	Parameter	Unit	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	SSL Type
MW-150	PMP	A7DR	Cobalt, total	mg/L	03/15/23 - 10/15/24	8	100	All ND - Last	0.001	0.006	MCL/HBL	No Exceedance
MW-150	PMP	A7	Fluoride, total	mg/L	03/15/23 - 02/07/24	5	0	CI around mean	0.647	4.0	MCL/HBL	No Exceedance
MW-150	PMP	A7R	Fluoride, total	mg/L	03/15/23 - 04/17/24	6	0	CI around mean	0.653	4.0	MCL/HBL	No Exceedance
MW-150	PMP	A7D	Fluoride, total	mg/L	03/15/23 - 07/18/24	7	0	CI around mean	0.658	4.0	MCL/HBL	No Exceedance
MW-150	PMP	A7DR	Fluoride, total	mg/L	03/15/23 - 10/15/24	8	0	CI around mean	0.669	4.0	MCL/HBL	No Exceedance
MW-150	PMP	A7	Lead, total	mg/L	03/15/23 - 02/07/24	5	100	All ND - Last	0.001	0.015	MCL/HBL	No Exceedance
MW-150	PMP	A7R	Lead, total	mg/L	03/15/23 - 04/17/24	6	100	All ND - Last	0.001	0.015	MCL/HBL	No Exceedance
MW-150	PMP	A7D	Lead, total	mg/L	03/15/23 - 07/18/24	7	85	CI around median	0.00100	0.015	MCL/HBL	No Exceedance
MW-150	PMP	A7DR	Lead, total	mg/L	03/15/23 - 10/15/24	8	87	CI around median	0.00100	0.015	MCL/HBL	No Exceedance
MW-150	PMP	A7	Lithium, total	mg/L	03/15/23 - 02/07/24	5	0	CI around mean	0.0380	0.123	Background	No Exceedance
MW-150	PMP	A7R	Lithium, total	mg/L	03/15/23 - 04/17/24	6	0	CI around mean	0.0425	0.123	Background	No Exceedance
MW-150	PMP	A7D	Lithium, total	mg/L	03/15/23 - 07/18/24	7	0	CI around mean	0.0444	0.123	Background	No Exceedance
MW-150	PMP	A7DR	Lithium, total	mg/L	03/15/23 - 10/15/24	8	0	CI around geomean	0.0470	0.123	Background	No Exceedance
MW-150	PMP	A7	Mercury, total	mg/L	03/15/23 - 02/07/24	5	100	All ND - Last	0.0002	0.002	MCL/HBL	No Exceedance
MW-150	PMP	A7R	Mercury, total	mg/L	03/15/23 - 04/17/24	6	100	All ND - Last	0.0002	0.002	MCL/HBL	No Exceedance
MW-150	PMP	A7D	Mercury, total	mg/L	03/15/23 - 07/18/24	7	100	All ND - Last	0.0002	0.002	MCL/HBL	No Exceedance
MW-150	PMP	A7DR	Mercury, total	mg/L	03/15/23 - 10/15/24	8	100	All ND - Last	0.0002	0.002	MCL/HBL	No Exceedance
MW-150	PMP	A7	Molybdenum, total	mg/L	03/15/23 - 02/07/24	5	40	CI around median (Last Sample, n<7)	0.00180	0.1	MCL/HBL	No Exceedance
MW-150	PMP	A7R	Molybdenum, total	mg/L	03/15/23 - 04/17/24	6	50	CI around median (Last Sample, n<7)	0.00150	0.1	MCL/HBL	No Exceedance
MW-150	PMP	A7D	Molybdenum, total	mg/L	03/15/23 - 07/18/24	7	57	CI around median	0.00150	0.1	MCL/HBL	No Exceedance
MW-150	PMP	A7DR	Molybdenum, total	mg/L	03/15/23 - 10/15/24	8	50	CI around median	0.00150	0.1	MCL/HBL	No Exceedance
MW-150	PMP	A7	Radium 226 + Radium 228, total	pCi/L	03/15/23 - 02/07/24	5	0	CI around mean	-0.258	5	MCL/HBL	No Exceedance
MW-150	PMP	A7R	Radium 226 + Radium 228, total	pCi/L	03/15/23 - 04/17/24	6	0	CI around mean	-0.175	5	MCL/HBL	No Exceedance
MW-150	PMP	A7D	Radium 226 + Radium 228, total	pCi/L	03/15/23 - 07/18/24	7	0	CI around mean	-0.143	5	MCL/HBL	No Exceedance
MW-150	PMP	A7DR	Radium 226 + Radium 228, total	pCi/L	03/15/23 - 10/15/24	8	0	CI around mean	-0.0700	5	MCL/HBL	No Exceedance
MW-150	PMP	A7	Selenium, total	mg/L	03/15/23 - 02/07/24	5	60	CI around median (Last Sample, n<7)	0.00100	0.05	MCL/HBL	No Exceedance
MW-150	PMP	A7R	Selenium, total	mg/L	03/15/23 - 04/17/24	6	66	CI around median (Last Sample, n<7)	0.00100	0.05	MCL/HBL	No Exceedance

TABLE 6
DETERMINATION OF STATISTICALLY SIGNIFICANT LEVELS
2024 40 C.F.R. § 257 ANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT
BALDWIN POWER PLANT
FLY ASH POND SYSTEM
BALDWIN, IL

Well ID	HSU	Event ID	Parameter	Unit	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	SSL Type
MW-150	PMP	A7D	Selenium, total	mg/L	03/15/23 - 07/18/24	7	71	CI around median	0.00100	0.05	MCL/HBL	No Exceedance
MW-150	PMP	A7DR	Selenium, total	mg/L	03/15/23 - 10/15/24	8	75	CI around median	0.00100	0.05	MCL/HBL	No Exceedance
MW-150	PMP	A7	Thallium, total	mg/L	03/15/23 - 02/07/24	5	100	All ND - Last	0.002	0.002	MCL/HBL	No Exceedance
MW-150	PMP	A7R	Thallium, total	mg/L	03/15/23 - 04/17/24	6	100	All ND - Last	0.002	0.002	MCL/HBL	No Exceedance
MW-150	PMP	A7D	Thallium, total	mg/L	03/15/23 - 07/18/24	7	100	All ND - Last	0.002	0.002	MCL/HBL	No Exceedance
MW-150	PMP	A7DR	Thallium, total	mg/L	03/15/23 - 10/15/24	8	100	All ND - Last	0.002	0.002	MCL/HBL	No Exceedance
MW-151	PMP	A7	Antimony, total	mg/L	03/15/23 - 02/07/24	6	100	All ND - Last	0.001	0.006	MCL/HBL	No Exceedance
MW-151	PMP	A7R	Antimony, total	mg/L	03/15/23 - 04/18/24	7	100	All ND - Last	0.001	0.006	MCL/HBL	No Exceedance
MW-151	PMP	A7D	Antimony, total	mg/L	03/15/23 - 07/18/24	8	87	CI around median	0.00100	0.006	MCL/HBL	No Exceedance
MW-151	PMP	A7DR	Antimony, total	mg/L	03/15/23 - 10/16/24	9	88	CI around median	0.00100	0.006	MCL/HBL	No Exceedance
MW-151	PMP	A7	Arsenic, total	mg/L	03/15/23 - 02/07/24	6	50	CI around geomean	0.000973	0.010	MCL/HBL	No Exceedance
MW-151	PMP	A7R	Arsenic, total	mg/L	03/15/23 - 04/18/24	7	57	CI around median	0.00100	0.010	MCL/HBL	No Exceedance
MW-151	PMP	A7D	Arsenic, total	mg/L	03/15/23 - 07/18/24	8	62	CI around median	0.00100	0.010	MCL/HBL	No Exceedance
MW-151	PMP	A7DR	Arsenic, total	mg/L	03/15/23 - 10/16/24	9	66	CI around median	0.00100	0.010	MCL/HBL	No Exceedance
MW-151	PMP	A7	Barium, total	mg/L	03/15/23 - 02/07/24	6	0	CI around geomean	0.0450	2.0	MCL/HBL	No Exceedance
MW-151	PMP	A7R	Barium, total	mg/L	03/15/23 - 04/18/24	7	0	CI around geomean	0.0495	2.0	MCL/HBL	No Exceedance
MW-151	PMP	A7D	Barium, total	mg/L	03/15/23 - 07/18/24	8	0	CI around median	0.0550	2.0	MCL/HBL	No Exceedance
MW-151	PMP	A7DR	Barium, total	mg/L	03/15/23 - 10/16/24	9	0	CI around median	0.0569	2.0	MCL/HBL	No Exceedance
MW-151	PMP	A7	Beryllium, total	mg/L	03/15/23 - 02/07/24	6	83	CI around median (Last Sample, n<7)	0.00100	0.004	MCL/HBL	No Exceedance
MW-151	PMP	A7R	Beryllium, total	mg/L	03/15/23 - 04/18/24	7	85	CI around median	0.000500	0.004	MCL/HBL	No Exceedance
MW-151	PMP	A7D	Beryllium, total	mg/L	03/15/23 - 07/18/24	8	87	CI around median	0.000500	0.004	MCL/HBL	No Exceedance
MW-151	PMP	A7DR	Beryllium, total	mg/L	03/15/23 - 10/16/24	9	88	CI around median	0.00100	0.004	MCL/HBL	No Exceedance
MW-151	PMP	A7	Cadmium, total	mg/L	03/15/23 - 02/07/24	6	100	All ND - Last	0.001	0.005	MCL/HBL	No Exceedance
MW-151	PMP	A7R	Cadmium, total	mg/L	03/15/23 - 04/18/24	7	100	All ND - Last	0.001	0.005	MCL/HBL	No Exceedance
MW-151	PMP	A7D	Cadmium, total	mg/L	03/15/23 - 07/18/24	8	100	All ND - Last	0.001	0.005	MCL/HBL	No Exceedance
MW-151	PMP	A7DR	Cadmium, total	mg/L	03/15/23 - 10/16/24	9	100	All ND - Last	0.001	0.005	MCL/HBL	No Exceedance
MW-151	PMP	A7	Chromium, total	mg/L	03/15/23 - 02/07/24	6	16	CI around mean	-0.00179	0.1	MCL/HBL	No Exceedance

TABLE 6
DETERMINATION OF STATISTICALLY SIGNIFICANT LEVELS
2024 40 C.F.R. § 257 ANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT
BALDWIN POWER PLANT
FLY ASH POND SYSTEM
BALDWIN, IL

Well ID	HSU	Event ID	Parameter	Unit	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	SSL Type
MW-151	PMP	A7R	Chromium, total	mg/L	03/15/23 - 04/18/24	7	28	CI around mean	-0.00151	0.1	MCL/HBL	No Exceedance
MW-151	PMP	A7D	Chromium, total	mg/L	03/15/23 - 07/18/24	8	25	CI around geomean	0.00177	0.1	MCL/HBL	No Exceedance
MW-151	PMP	A7DR	Chromium, total	mg/L	03/15/23 - 10/16/24	9	22	CI around mean	0.000656	0.1	MCL/HBL	No Exceedance
MW-151	PMP	A7	Cobalt, total	mg/L	03/15/23 - 02/07/24	6	33	CI around mean	-0.00251	0.006	MCL/HBL	No Exceedance
MW-151	PMP	A7R	Cobalt, total	mg/L	03/15/23 - 04/18/24	7	42	CI around geomean	0.000821	0.006	MCL/HBL	No Exceedance
MW-151	PMP	A7D	Cobalt, total	mg/L	03/15/23 - 07/18/24	8	37	CI around geomean	0.000883	0.006	MCL/HBL	No Exceedance
MW-151	PMP	A7DR	Cobalt, total	mg/L	03/15/23 - 10/16/24	9	33	CI around geomean	0.000886	0.006	MCL/HBL	No Exceedance
MW-151	PMP	A7	Fluoride, total	mg/L	03/15/23 - 02/07/24	6	0	CI around mean	0.494	4.0	MCL/HBL	No Exceedance
MW-151	PMP	A7R	Fluoride, total	mg/L	03/15/23 - 04/18/24	7	0	CI around mean	0.489	4.0	MCL/HBL	No Exceedance
MW-151	PMP	A7D	Fluoride, total	mg/L	03/15/23 - 07/18/24	8	0	CI around mean	0.501	4.0	MCL/HBL	No Exceedance
MW-151	PMP	A7DR	Fluoride, total	mg/L	03/15/23 - 10/16/24	9	0	CI around mean	0.511	4.0	MCL/HBL	No Exceedance
MW-151	PMP	A7	Lead, total	mg/L	03/15/23 - 02/07/24	6	16	CI around mean	-0.00360	0.015	MCL/HBL	No Exceedance
MW-151	PMP	A7R	Lead, total	mg/L	03/15/23 - 04/18/24	7	28	CI around geomean	0.000881	0.015	MCL/HBL	No Exceedance
MW-151	PMP	A7D	Lead, total	mg/L	03/15/23 - 07/18/24	8	37	CI around geomean	0.000863	0.015	MCL/HBL	No Exceedance
MW-151	PMP	A7DR	Lead, total	mg/L	03/15/23 - 10/16/24	9	44	CB around linear reg	-0.0135	0.015	MCL/HBL	No Exceedance
MW-151	PMP	A7	Lithium, total	mg/L	03/15/23 - 02/07/24	6	0	CI around mean	0.0229	0.123	Background	No Exceedance
MW-151	PMP	A7R	Lithium, total	mg/L	03/15/23 - 04/18/24	7	0	CI around mean	0.0240	0.123	Background	No Exceedance
MW-151	PMP	A7D	Lithium, total	mg/L	03/15/23 - 07/18/24	8	0	CI around mean	0.0248	0.123	Background	No Exceedance
MW-151	PMP	A7DR	Lithium, total	mg/L	03/15/23 - 10/16/24	9	0	CI around mean	0.0254	0.123	Background	No Exceedance
MW-151	PMP	A7	Mercury, total	mg/L	03/15/23 - 02/07/24	6	100	All ND - Last	0.0002	0.002	MCL/HBL	No Exceedance
MW-151	PMP	A7R	Mercury, total	mg/L	03/15/23 - 04/18/24	7	100	All ND - Last	0.0002	0.002	MCL/HBL	No Exceedance
MW-151	PMP	A7D	Mercury, total	mg/L	03/15/23 - 07/18/24	8	100	All ND - Last	0.0002	0.002	MCL/HBL	No Exceedance
MW-151	PMP	A7DR	Mercury, total	mg/L	03/15/23 - 10/16/24	9	100	All ND - Last	0.0002	0.002	MCL/HBL	No Exceedance
MW-151	PMP	A7	Molybdenum, total	mg/L	03/15/23 - 02/07/24	6	100	All ND - Last	0.0015	0.1	MCL/HBL	No Exceedance
MW-151	PMP	A7R	Molybdenum, total	mg/L	03/15/23 - 04/18/24	7	100	All ND - Last	0.0015	0.1	MCL/HBL	No Exceedance
MW-151	PMP	A7D	Molybdenum, total	mg/L	03/15/23 - 07/18/24	8	100	All ND - Last	0.0015	0.1	MCL/HBL	No Exceedance
MW-151	PMP	A7DR	Molybdenum, total	mg/L	03/15/23 - 10/16/24	9	100	All ND - Last	0.0015	0.1	MCL/HBL	No Exceedance

TABLE 6
DETERMINATION OF STATISTICALLY SIGNIFICANT LEVELS
2024 40 C.F.R. § 257 ANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT
BALDWIN POWER PLANT
FLY ASH POND SYSTEM
BALDWIN, IL

Well ID	HSU	Event ID	Parameter	Unit	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	SSL Type
MW-151	PMP	A7	Radium 226 + Radium 228, total	pCi/L	03/15/23 - 02/07/24	6	0	CI around mean	-0.245	5	MCL/HBL	No Exceedance
MW-151	PMP	A7R	Radium 226 + Radium 228, total	pCi/L	03/15/23 - 04/18/24	7	0	CI around mean	-0.147	5	MCL/HBL	No Exceedance
MW-151	PMP	A7D	Radium 226 + Radium 228, total	pCi/L	03/15/23 - 07/18/24	8	0	CI around mean	0.0343	5	MCL/HBL	No Exceedance
MW-151	PMP	A7DR	Radium 226 + Radium 228, total	pCi/L	03/15/23 - 10/16/24	9	0	CI around mean	0.0351	5	MCL/HBL	No Exceedance
MW-151	PMP	A7	Selenium, total	mg/L	03/15/23 - 02/07/24	6	100	All ND - Last	0.001	0.05	MCL/HBL	No Exceedance
MW-151	PMP	A7R	Selenium, total	mg/L	03/15/23 - 04/18/24	7	100	All ND - Last	0.001	0.05	MCL/HBL	No Exceedance
MW-151	PMP	A7D	Selenium, total	mg/L	03/15/23 - 07/18/24	8	100	All ND - Last	0.001	0.05	MCL/HBL	No Exceedance
MW-151	PMP	A7DR	Selenium, total	mg/L	03/15/23 - 10/16/24	9	100	All ND - Last	0.001	0.05	MCL/HBL	No Exceedance
MW-151	PMP	A7	Thallium, total	mg/L	03/15/23 - 02/07/24	6	100	All ND - Last	0.002	0.002	MCL/HBL	No Exceedance
MW-151	PMP	A7R	Thallium, total	mg/L	03/15/23 - 04/18/24	7	100	All ND - Last	0.002	0.002	MCL/HBL	No Exceedance
MW-151	PMP	A7D	Thallium, total	mg/L	03/15/23 - 07/18/24	8	100	All ND - Last	0.002	0.002	MCL/HBL	No Exceedance
MW-151	PMP	A7DR	Thallium, total	mg/L	03/15/23 - 10/16/24	9	100	All ND - Last	0.002	0.002	MCL/HBL	No Exceedance
MW-152	PMP	A7	Antimony, total	mg/L	03/15/23 - 02/07/24	5	100	All ND - Last	0.001	0.006	MCL/HBL	No Exceedance
MW-152	PMP	A7R	Antimony, total	mg/L	03/15/23 - 04/18/24	6	100	All ND - Last	0.001	0.006	MCL/HBL	No Exceedance
MW-152	PMP	A7D	Antimony, total	mg/L	03/15/23 - 07/18/24	7	100	All ND - Last	0.001	0.006	MCL/HBL	No Exceedance
MW-152	PMP	A7DR	Antimony, total	mg/L	03/15/23 - 10/16/24	8	100	All ND - Last	0.001	0.006	MCL/HBL	No Exceedance
MW-152	PMP	A7	Arsenic, total	mg/L	03/15/23 - 02/07/24	5	40	CI around mean	0.000357	0.010	MCL/HBL	No Exceedance
MW-152	PMP	A7R	Arsenic, total	mg/L	03/15/23 - 04/18/24	6	33	CI around geomean	0.000806	0.010	MCL/HBL	No Exceedance
MW-152	PMP	A7D	Arsenic, total	mg/L	03/15/23 - 07/18/24	7	42	CI around geomean	0.000828	0.010	MCL/HBL	No Exceedance
MW-152	PMP	A7DR	Arsenic, total	mg/L	03/15/23 - 10/16/24	8	50	CI around geomean	0.000849	0.010	MCL/HBL	No Exceedance
MW-152	PMP	A7	Barium, total	mg/L	03/15/23 - 02/07/24	5	0	CI around mean	0.00422	2.0	MCL/HBL	No Exceedance
MW-152	PMP	A7R	Barium, total	mg/L	03/15/23 - 04/18/24	6	0	CI around mean	0.0107	2.0	MCL/HBL	No Exceedance
MW-152	PMP	A7D	Barium, total	mg/L	03/15/23 - 07/18/24	7	0	CI around mean	0.0111	2.0	MCL/HBL	No Exceedance
MW-152	PMP	A7DR	Barium, total	mg/L	03/15/23 - 10/16/24	8	0	CI around mean	0.0133	2.0	MCL/HBL	No Exceedance
MW-152	PMP	A7	Beryllium, total	mg/L	03/15/23 - 02/07/24	5	100	All ND - Last	0.001	0.004	MCL/HBL	No Exceedance
MW-152	PMP	A7R	Beryllium, total	mg/L	03/15/23 - 04/18/24	6	100	All ND - Last	0.001	0.004	MCL/HBL	No Exceedance
MW-152	PMP	A7D	Beryllium, total	mg/L	03/15/23 - 07/18/24	7	100	All ND - Last	0.001	0.004	MCL/HBL	No Exceedance

TABLE 6
DETERMINATION OF STATISTICALLY SIGNIFICANT LEVELS
2024 40 C.F.R. § 257 ANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT
BALDWIN POWER PLANT
FLY ASH POND SYSTEM
BALDWIN, IL

Well ID	HSU	Event ID	Parameter	Unit	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	SSL Type
MW-152	PMP	A7DR	Beryllium, total	mg/L	03/15/23 - 10/16/24	8	100	All ND - Last	0.001	0.004	MCL/HBL	No Exceedance
MW-152	PMP	A7	Cadmium, total	mg/L	03/15/23 - 02/07/24	5	100	All ND - Last	0.001	0.005	MCL/HBL	No Exceedance
MW-152	PMP	A7R	Cadmium, total	mg/L	03/15/23 - 04/18/24	6	100	All ND - Last	0.001	0.005	MCL/HBL	No Exceedance
MW-152	PMP	A7D	Cadmium, total	mg/L	03/15/23 - 07/18/24	7	100	All ND - Last	0.001	0.005	MCL/HBL	No Exceedance
MW-152	PMP	A7DR	Cadmium, total	mg/L	03/15/23 - 10/16/24	8	100	All ND - Last	0.001	0.005	MCL/HBL	No Exceedance
MW-152	PMP	A7	Chromium, total	mg/L	03/15/23 - 02/07/24	5	40	CI around mean	0.0000596	0.1	MCL/HBL	No Exceedance
MW-152	PMP	A7R	Chromium, total	mg/L	03/15/23 - 04/18/24	6	33	CI around mean	0.00118	0.1	MCL/HBL	No Exceedance
MW-152	PMP	A7D	Chromium, total	mg/L	03/15/23 - 07/18/24	7	42	CI around mean	0.00104	0.1	MCL/HBL	No Exceedance
MW-152	PMP	A7DR	Chromium, total	mg/L	03/15/23 - 10/16/24	8	50	CI around mean	0.00102	0.1	MCL/HBL	No Exceedance
MW-152	PMP	A7	Cobalt, total	mg/L	03/15/23 - 02/07/24	5	40	CI around mean	0.000344	0.006	MCL/HBL	No Exceedance
MW-152	PMP	A7R	Cobalt, total	mg/L	03/15/23 - 04/18/24	6	33	CI around mean	0.000688	0.006	MCL/HBL	No Exceedance
MW-152	PMP	A7D	Cobalt, total	mg/L	03/15/23 - 07/18/24	7	42	CI around mean	0.000738	0.006	MCL/HBL	No Exceedance
MW-152	PMP	A7DR	Cobalt, total	mg/L	03/15/23 - 10/16/24	8	50	CI around geomean	0.000899	0.006	MCL/HBL	No Exceedance
MW-152	PMP	A7	Fluoride, total	mg/L	03/15/23 - 02/07/24	5	0	CI around mean	0.229	4.0	MCL/HBL	No Exceedance
MW-152	PMP	A7R	Fluoride, total	mg/L	03/15/23 - 04/18/24	6	0	CI around mean	0.227	4.0	MCL/HBL	No Exceedance
MW-152	PMP	A7D	Fluoride, total	mg/L	03/15/23 - 07/18/24	7	0	CI around mean	0.243	4.0	MCL/HBL	No Exceedance
MW-152	PMP	A7DR	Fluoride, total	mg/L	03/15/23 - 10/16/24	8	12	CI around mean	0.243	4.0	MCL/HBL	No Exceedance
MW-152	PMP	A7	Lead, total	mg/L	03/15/23 - 02/07/24	5	40	CI around mean	-0.000133	0.015	MCL/HBL	No Exceedance
MW-152	PMP	A7R	Lead, total	mg/L	03/15/23 - 04/18/24	6	33	CI around mean	0.000269	0.015	MCL/HBL	No Exceedance
MW-152	PMP	A7D	Lead, total	mg/L	03/15/23 - 07/18/24	7	42	CI around mean	0.000282	0.015	MCL/HBL	No Exceedance
MW-152	PMP	A7DR	Lead, total	mg/L	03/15/23 - 10/16/24	8	50	CI around mean	0.000344	0.015	MCL/HBL	No Exceedance
MW-152	PMP	A7	Lithium, total	mg/L	03/15/23 - 02/07/24	5	20	CI around mean	0.00489	0.123	Background	No Exceedance
MW-152	PMP	A7R	Lithium, total	mg/L	03/15/23 - 04/18/24	6	16	CI around mean	0.00701	0.123	Background	No Exceedance
MW-152	PMP	A7D	Lithium, total	mg/L	03/15/23 - 07/18/24	7	14	CI around mean	0.00620	0.123	Background	No Exceedance
MW-152	PMP	A7DR	Lithium, total	mg/L	03/15/23 - 10/16/24	8	12	CI around mean	0.00747	0.123	Background	No Exceedance
MW-152	PMP	A7	Mercury, total	mg/L	03/15/23 - 02/07/24	5	100	All ND - Last	0.0002	0.002	MCL/HBL	No Exceedance
MW-152	PMP	A7R	Mercury, total	mg/L	03/15/23 - 04/18/24	6	100	All ND - Last	0.0002	0.002	MCL/HBL	No Exceedance

TABLE 6
DETERMINATION OF STATISTICALLY SIGNIFICANT LEVELS
2024 40 C.F.R. § 257 ANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT
BALDWIN POWER PLANT
FLY ASH POND SYSTEM
BALDWIN, IL

Well ID	HSU	Event ID	Parameter	Unit	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	SSL Type
MW-152	PMP	A7D	Mercury, total	mg/L	03/15/23 - 07/18/24	7	100	All ND - Last	0.0002	0.002	MCL/HBL	No Exceedance
MW-152	PMP	A7DR	Mercury, total	mg/L	03/15/23 - 10/16/24	8	100	All ND - Last	0.0002	0.002	MCL/HBL	No Exceedance
MW-152	PMP	A7	Molybdenum, total	mg/L	03/15/23 - 02/07/24	5	100	All ND - Last	0.0015	0.1	MCL/HBL	No Exceedance
MW-152	PMP	A7R	Molybdenum, total	mg/L	03/15/23 - 04/18/24	6	100	All ND - Last	0.0015	0.1	MCL/HBL	No Exceedance
MW-152	PMP	A7D	Molybdenum, total	mg/L	03/15/23 - 07/18/24	7	100	All ND - Last	0.0015	0.1	MCL/HBL	No Exceedance
MW-152	PMP	A7DR	Molybdenum, total	mg/L	03/15/23 - 10/16/24	8	100	All ND - Last	0.0015	0.1	MCL/HBL	No Exceedance
MW-152	PMP	A7	Radium 226 + Radium 228, total	pCi/L	03/15/23 - 02/07/24	5	0	CI around mean	-0.146	5	MCL/HBL	No Exceedance
MW-152	PMP	A7R	Radium 226 + Radium 228, total	pCi/L	03/15/23 - 04/18/24	6	0	CI around mean	0.103	5	MCL/HBL	No Exceedance
MW-152	PMP	A7D	Radium 226 + Radium 228, total	pCi/L	03/15/23 - 07/18/24	7	0	CI around mean	0.193	5	MCL/HBL	No Exceedance
MW-152	PMP	A7DR	Radium 226 + Radium 228, total	pCi/L	03/15/23 - 10/16/24	8	0	CI around mean	0.293	5	MCL/HBL	No Exceedance
MW-152	PMP	A7	Selenium, total	mg/L	03/15/23 - 02/07/24	5	100	All ND - Last	0.001	0.05	MCL/HBL	No Exceedance
MW-152	PMP	A7R	Selenium, total	mg/L	03/15/23 - 04/18/24	6	100	All ND - Last	0.001	0.05	MCL/HBL	No Exceedance
MW-152	PMP	A7D	Selenium, total	mg/L	03/15/23 - 07/18/24	7	100	All ND - Last	0.001	0.05	MCL/HBL	No Exceedance
MW-152	PMP	A7DR	Selenium, total	mg/L	03/15/23 - 10/16/24	8	100	All ND - Last	0.001	0.05	MCL/HBL	No Exceedance
MW-152	PMP	A7	Thallium, total	mg/L	03/15/23 - 02/07/24	5	100	All ND - Last	0.002	0.002	MCL/HBL	No Exceedance
MW-152	PMP	A7R	Thallium, total	mg/L	03/15/23 - 04/18/24	6	100	All ND - Last	0.002	0.002	MCL/HBL	No Exceedance
MW-152	PMP	A7D	Thallium, total	mg/L	03/15/23 - 07/18/24	7	100	All ND - Last	0.002	0.002	MCL/HBL	No Exceedance
MW-152	PMP	A7DR	Thallium, total	mg/L	03/15/23 - 10/16/24	8	100	All ND - Last	0.002	0.002	MCL/HBL	No Exceedance
MW-153	PMP	A7	Antimony, total	mg/L	03/15/23 - 02/08/24	6	100	All ND - Last	0.001	0.006	MCL/HBL	No Exceedance
MW-153	PMP	A7R	Antimony, total	mg/L	03/15/23 - 04/18/24	7	100	All ND - Last	0.001	0.006	MCL/HBL	No Exceedance
MW-153	PMP	A7D	Antimony, total	mg/L	03/15/23 - 07/18/24	8	100	All ND - Last	0.001	0.006	MCL/HBL	No Exceedance
MW-153	PMP	A7DR	Antimony, total	mg/L	03/15/23 - 10/16/24	9	100	All ND - Last	0.001	0.006	MCL/HBL	No Exceedance
MW-153	PMP	A7	Arsenic, total	mg/L	03/15/23 - 02/08/24	6	100	All ND - Last	0.001	0.010	MCL/HBL	No Exceedance
MW-153	PMP	A7R	Arsenic, total	mg/L	03/15/23 - 04/18/24	7	100	All ND - Last	0.001	0.010	MCL/HBL	No Exceedance
MW-153	PMP	A7D	Arsenic, total	mg/L	03/15/23 - 07/18/24	8	100	All ND - Last	0.001	0.010	MCL/HBL	No Exceedance
MW-153	PMP	A7DR	Arsenic, total	mg/L	03/15/23 - 10/16/24	9	100	All ND - Last	0.001	0.010	MCL/HBL	No Exceedance
MW-153	PMP	A7	Barium, total	mg/L	03/15/23 - 02/08/24	6	0	CI around median (Last Sample, n<7)	0.0376	2.0	MCL/HBL	No Exceedance

TABLE 6
DETERMINATION OF STATISTICALLY SIGNIFICANT LEVELS
2024 40 C.F.R. § 257 ANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT
BALDWIN POWER PLANT
FLY ASH POND SYSTEM
BALDWIN, IL

Well ID	HSU	Event ID	Parameter	Unit	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	SSL Type
MW-153	PMP	A7R	Barium, total	mg/L	03/15/23 - 04/18/24	7	0	CI around median	0.0335	2.0	MCL/HBL	No Exceedance
MW-153	PMP	A7D	Barium, total	mg/L	03/15/23 - 07/18/24	8	0	CI around median	0.0335	2.0	MCL/HBL	No Exceedance
MW-153	PMP	A7DR	Barium, total	mg/L	03/15/23 - 10/16/24	9	0	CI around geomean	0.0328	2.0	MCL/HBL	No Exceedance
MW-153	PMP	A7	Beryllium, total	mg/L	03/15/23 - 02/08/24	6	83	CI around median (Last Sample, n<7)	0.00100	0.004	MCL/HBL	No Exceedance
MW-153	PMP	A7R	Beryllium, total	mg/L	03/15/23 - 04/18/24	7	85	CI around median	0.000500	0.004	MCL/HBL	No Exceedance
MW-153	PMP	A7D	Beryllium, total	mg/L	03/15/23 - 07/18/24	8	87	CI around median	0.000500	0.004	MCL/HBL	No Exceedance
MW-153	PMP	A7DR	Beryllium, total	mg/L	03/15/23 - 10/16/24	9	88	CI around median	0.000600	0.004	MCL/HBL	No Exceedance
MW-153	PMP	A7	Cadmium, total	mg/L	03/15/23 - 02/08/24	6	100	All ND - Last	0.001	0.005	MCL/HBL	No Exceedance
MW-153	PMP	A7R	Cadmium, total	mg/L	03/15/23 - 04/18/24	7	100	All ND - Last	0.001	0.005	MCL/HBL	No Exceedance
MW-153	PMP	A7D	Cadmium, total	mg/L	03/15/23 - 07/18/24	8	100	All ND - Last	0.001	0.005	MCL/HBL	No Exceedance
MW-153	PMP	A7DR	Cadmium, total	mg/L	03/15/23 - 10/16/24	9	100	All ND - Last	0.001	0.005	MCL/HBL	No Exceedance
MW-153	PMP	A7	Chromium, total	mg/L	03/15/23 - 02/08/24	6	83	CI around median (Last Sample, n<7)	0.00150	0.1	MCL/HBL	No Exceedance
MW-153	PMP	A7R	Chromium, total	mg/L	03/15/23 - 04/18/24	7	85	CI around median	0.00150	0.1	MCL/HBL	No Exceedance
MW-153	PMP	A7D	Chromium, total	mg/L	03/15/23 - 07/18/24	8	75	CI around median	0.00150	0.1	MCL/HBL	No Exceedance
MW-153	PMP	A7DR	Chromium, total	mg/L	03/15/23 - 10/16/24	9	66	CI around median	0.00150	0.1	MCL/HBL	No Exceedance
MW-153	PMP	A7	Cobalt, total	mg/L	03/15/23 - 02/08/24	6	83	CI around median (Last Sample, n<7)	0.00100	0.006	MCL/HBL	No Exceedance
MW-153	PMP	A7R	Cobalt, total	mg/L	03/15/23 - 04/18/24	7	85	CI around median	0.00100	0.006	MCL/HBL	No Exceedance
MW-153	PMP	A7D	Cobalt, total	mg/L	03/15/23 - 07/18/24	8	87	CI around median	0.00100	0.006	MCL/HBL	No Exceedance
MW-153	PMP	A7DR	Cobalt, total	mg/L	03/15/23 - 10/16/24	9	88	CI around median	0.00100	0.006	MCL/HBL	No Exceedance
MW-153	PMP	A7	Fluoride, total	mg/L	03/15/23 - 02/08/24	6	0	CI around mean	0.353	4.0	MCL/HBL	No Exceedance
MW-153	PMP	A7R	Fluoride, total	mg/L	03/15/23 - 04/18/24	7	0	CI around mean	0.359	4.0	MCL/HBL	No Exceedance
MW-153	PMP	A7D	Fluoride, total	mg/L	03/15/23 - 07/18/24	8	0	CI around mean	0.369	4.0	MCL/HBL	No Exceedance
MW-153	PMP	A7DR	Fluoride, total	mg/L	03/15/23 - 10/16/24	9	11	CI around mean	0.331	4.0	MCL/HBL	No Exceedance
MW-153	PMP	A7	Lead, total	mg/L	03/15/23 - 02/08/24	6	83	CI around median (Last Sample, n<7)	0.00100	0.015	MCL/HBL	No Exceedance
MW-153	PMP	A7R	Lead, total	mg/L	03/15/23 - 04/18/24	7	85	CI around median	0.00100	0.015	MCL/HBL	No Exceedance
MW-153	PMP	A7D	Lead, total	mg/L	03/15/23 - 07/18/24	8	75	CI around median	0.00100	0.015	MCL/HBL	No Exceedance
MW-153	PMP	A7DR	Lead, total	mg/L	03/15/23 - 10/16/24	9	66	CI around median	0.00100	0.015	MCL/HBL	No Exceedance

TABLE 6
DETERMINATION OF STATISTICALLY SIGNIFICANT LEVELS
2024 40 C.F.R. § 257 ANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT
BALDWIN POWER PLANT
FLY ASH POND SYSTEM
BALDWIN, IL

Well ID	HSU	Event ID	Parameter	Unit	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	SSL Type
MW-153	PMP	A7	Lithium, total	mg/L	03/15/23 - 02/08/24	6	16	CI around mean	0.00313	0.123	Background	No Exceedance
MW-153	PMP	A7R	Lithium, total	mg/L	03/15/23 - 04/18/24	7	14	CI around mean	0.00284	0.123	Background	No Exceedance
MW-153	PMP	A7D	Lithium, total	mg/L	03/15/23 - 07/18/24	8	12	CI around mean	0.00289	0.123	Background	No Exceedance
MW-153	PMP	A7DR	Lithium, total	mg/L	03/15/23 - 10/16/24	9	11	CI around mean	0.00316	0.123	Background	No Exceedance
MW-153	PMP	A7	Mercury, total	mg/L	03/15/23 - 02/08/24	6	100	All ND - Last	0.0002	0.002	MCL/HBL	No Exceedance
MW-153	PMP	A7R	Mercury, total	mg/L	03/15/23 - 04/18/24	7	100	All ND - Last	0.0002	0.002	MCL/HBL	No Exceedance
MW-153	PMP	A7D	Mercury, total	mg/L	03/15/23 - 07/18/24	8	100	All ND - Last	0.0002	0.002	MCL/HBL	No Exceedance
MW-153	PMP	A7DR	Mercury, total	mg/L	03/15/23 - 10/16/24	9	100	All ND - Last	0.0002	0.002	MCL/HBL	No Exceedance
MW-153	PMP	A7	Molybdenum, total	mg/L	03/15/23 - 02/08/24	6	100	All ND - Last	0.0015	0.1	MCL/HBL	No Exceedance
MW-153	PMP	A7R	Molybdenum, total	mg/L	03/15/23 - 04/18/24	7	100	All ND - Last	0.0015	0.1	MCL/HBL	No Exceedance
MW-153	PMP	A7D	Molybdenum, total	mg/L	03/15/23 - 07/18/24	8	100	All ND - Last	0.0015	0.1	MCL/HBL	No Exceedance
MW-153	PMP	A7DR	Molybdenum, total	mg/L	03/15/23 - 10/16/24	9	100	All ND - Last	0.0015	0.1	MCL/HBL	No Exceedance
MW-153	PMP	A7	Radium 226 + Radium 228, total	pCi/L	03/15/23 - 02/08/24	6	0	CI around geomean	0.355	5	MCL/HBL	No Exceedance
MW-153	PMP	A7R	Radium 226 + Radium 228, total	pCi/L	03/15/23 - 04/18/24	7	0	CI around geomean	0.356	5	MCL/HBL	No Exceedance
MW-153	PMP	A7D	Radium 226 + Radium 228, total	pCi/L	03/15/23 - 07/18/24	8	0	CI around mean	0.187	5	MCL/HBL	No Exceedance
MW-153	PMP	A7DR	Radium 226 + Radium 228, total	pCi/L	03/15/23 - 10/16/24	9	0	CI around geomean	0.443	5	MCL/HBL	No Exceedance
MW-153	PMP	A7	Selenium, total	mg/L	03/15/23 - 02/08/24	6	0	CI around mean	0.00215	0.05	MCL/HBL	No Exceedance
MW-153	PMP	A7R	Selenium, total	mg/L	03/15/23 - 04/18/24	7	0	CI around mean	0.00218	0.05	MCL/HBL	No Exceedance
MW-153	PMP	A7D	Selenium, total	mg/L	03/15/23 - 07/18/24	8	0	CI around mean	0.00215	0.05	MCL/HBL	No Exceedance
MW-153	PMP	A7DR	Selenium, total	mg/L	03/15/23 - 10/16/24	9	0	CI around mean	0.00217	0.05	MCL/HBL	No Exceedance
MW-153	PMP	A7	Thallium, total	mg/L	03/15/23 - 02/08/24	6	100	All ND - Last	0.002	0.002	MCL/HBL	No Exceedance
MW-153	PMP	A7R	Thallium, total	mg/L	03/15/23 - 04/18/24	7	100	All ND - Last	0.002	0.002	MCL/HBL	No Exceedance
MW-153	PMP	A7D	Thallium, total	mg/L	03/15/23 - 07/18/24	8	100	All ND - Last	0.002	0.002	MCL/HBL	No Exceedance
MW-153	PMP	A7DR	Thallium, total	mg/L	03/15/23 - 10/16/24	9	100	All ND - Last	0.002	0.002	MCL/HBL	No Exceedance
MW-252	PMP	A7	Antimony, total	mg/L	03/15/23 - 02/07/24	5	20	CI around mean	0.000514	0.006	MCL/HBL	No Exceedance
MW-252	PMP	A7R	Antimony, total	mg/L	03/15/23 - 04/18/24	6	16	CI around mean	0.000894	0.006	MCL/HBL	No Exceedance
MW-252	PMP	A7D	Antimony, total	mg/L	03/15/23 - 07/18/24	7	28	CI around mean	0.000876	0.006	MCL/HBL	No Exceedance

TABLE 6
DETERMINATION OF STATISTICALLY SIGNIFICANT LEVELS
2024 40 C.F.R. § 257 ANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT
BALDWIN POWER PLANT
FLY ASH POND SYSTEM
BALDWIN, IL

Well ID	HSU	Event ID	Parameter	Unit	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	SSL Type
MW-252	PMP	A7DR	Antimony, total	mg/L	03/15/23 - 10/16/24	8	37	CI around mean	0.000876	0.006	MCL/HBL	No Exceedance
MW-252	PMP	A7	Arsenic, total	mg/L	03/15/23 - 02/07/24	5	60	CI around median (Last Sample, n<7)	0.00100	0.010	MCL/HBL	No Exceedance
MW-252	PMP	A7R	Arsenic, total	mg/L	03/15/23 - 04/18/24	6	66	CI around median (Last Sample, n<7)	0.00100	0.010	MCL/HBL	No Exceedance
MW-252	PMP	A7D	Arsenic, total	mg/L	03/15/23 - 07/18/24	7	71	CI around median	0.00100	0.010	MCL/HBL	No Exceedance
MW-252	PMP	A7DR	Arsenic, total	mg/L	03/15/23 - 10/16/24	8	75	CI around median	0.00100	0.010	MCL/HBL	No Exceedance
MW-252	PMP	A7	Barium, total	mg/L	03/15/23 - 02/07/24	5	0	CI around mean	0.0264	2.0	MCL/HBL	No Exceedance
MW-252	PMP	A7R	Barium, total	mg/L	03/15/23 - 04/18/24	6	0	CI around mean	0.0280	2.0	MCL/HBL	No Exceedance
MW-252	PMP	A7D	Barium, total	mg/L	03/15/23 - 07/18/24	7	0	CI around mean	0.0266	2.0	MCL/HBL	No Exceedance
MW-252	PMP	A7DR	Barium, total	mg/L	03/15/23 - 10/16/24	8	0	CI around mean	0.0255	2.0	MCL/HBL	No Exceedance
MW-252	PMP	A7	Beryllium, total	mg/L	03/15/23 - 02/07/24	5	100	All ND - Last	0.001	0.004	MCL/HBL	No Exceedance
MW-252	PMP	A7R	Beryllium, total	mg/L	03/15/23 - 04/18/24	6	100	All ND - Last	0.001	0.004	MCL/HBL	No Exceedance
MW-252	PMP	A7D	Beryllium, total	mg/L	03/15/23 - 07/18/24	7	100	All ND - Last	0.001	0.004	MCL/HBL	No Exceedance
MW-252	PMP	A7DR	Beryllium, total	mg/L	03/15/23 - 10/16/24	8	100	All ND - Last	0.001	0.004	MCL/HBL	No Exceedance
MW-252	PMP	A7	Cadmium, total	mg/L	03/15/23 - 02/07/24	5	100	All ND - Last	0.001	0.005	MCL/HBL	No Exceedance
MW-252	PMP	A7R	Cadmium, total	mg/L	03/15/23 - 04/18/24	6	100	All ND - Last	0.001	0.005	MCL/HBL	No Exceedance
MW-252	PMP	A7D	Cadmium, total	mg/L	03/15/23 - 07/18/24	7	100	All ND - Last	0.001	0.005	MCL/HBL	No Exceedance
MW-252	PMP	A7DR	Cadmium, total	mg/L	03/15/23 - 10/16/24	8	100	All ND - Last	0.001	0.005	MCL/HBL	No Exceedance
MW-252	PMP	A7	Chromium, total	mg/L	03/15/23 - 02/07/24	5	40	CI around mean	0.000694	0.1	MCL/HBL	No Exceedance
MW-252	PMP	A7R	Chromium, total	mg/L	03/15/23 - 04/18/24	6	50	CI around mean	0.000836	0.1	MCL/HBL	No Exceedance
MW-252	PMP	A7D	Chromium, total	mg/L	03/15/23 - 07/18/24	7	57	CI around median	0.00150	0.1	MCL/HBL	No Exceedance
MW-252	PMP	A7DR	Chromium, total	mg/L	03/15/23 - 10/16/24	8	62	CI around median	0.00150	0.1	MCL/HBL	No Exceedance
MW-252	PMP	A7	Cobalt, total	mg/L	03/15/23 - 02/07/24	5	20	CI around mean	0.000772	0.006	MCL/HBL	No Exceedance
MW-252	PMP	A7R	Cobalt, total	mg/L	03/15/23 - 04/18/24	6	16	CI around mean	0.000990	0.006	MCL/HBL	No Exceedance
MW-252	PMP	A7D	Cobalt, total	mg/L	03/15/23 - 07/18/24	7	14	CI around mean	0.000736	0.006	MCL/HBL	No Exceedance
MW-252	PMP	A7DR	Cobalt, total	mg/L	03/15/23 - 10/16/24	8	12	CI around mean	0.000990	0.006	MCL/HBL	No Exceedance
MW-252	PMP	A7	Fluoride, total	mg/L	03/15/23 - 02/07/24	5	0	CI around mean	0.186	4.0	MCL/HBL	No Exceedance
MW-252	PMP	A7R	Fluoride, total	mg/L	03/15/23 - 04/18/24	6	0	CI around mean	0.195	4.0	MCL/HBL	No Exceedance

TABLE 6
DETERMINATION OF STATISTICALLY SIGNIFICANT LEVELS
2024 40 C.F.R. § 257 ANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT
BALDWIN POWER PLANT
FLY ASH POND SYSTEM
BALDWIN, IL

Well ID	HSU	Event ID	Parameter	Unit	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	SSL Type
MW-252	PMP	A7D	Fluoride, total	mg/L	03/15/23 - 07/18/24	7	0	CI around mean	0.202	4.0	MCL/HBL	No Exceedance
MW-252	PMP	A7DR	Fluoride, total	mg/L	03/15/23 - 10/16/24	8	12	CI around mean	0.207	4.0	MCL/HBL	No Exceedance
MW-252	PMP	A7	Lead, total	mg/L	03/15/23 - 02/07/24	5	60	CI around median (Last Sample, n<7)	0.00100	0.015	MCL/HBL	No Exceedance
MW-252	PMP	A7R	Lead, total	mg/L	03/15/23 - 04/18/24	6	66	CI around median (Last Sample, n<7)	0.00100	0.015	MCL/HBL	No Exceedance
MW-252	PMP	A7D	Lead, total	mg/L	03/15/23 - 07/18/24	7	71	CI around median	0.00100	0.015	MCL/HBL	No Exceedance
MW-252	PMP	A7DR	Lead, total	mg/L	03/15/23 - 10/16/24	8	75	CI around median	0.00100	0.015	MCL/HBL	No Exceedance
MW-252	PMP	A7	Lithium, total	mg/L	03/15/23 - 02/07/24	5	0	CI around mean	0.0104	0.123	Background	No Exceedance
MW-252	PMP	A7R	Lithium, total	mg/L	03/15/23 - 04/18/24	6	0	CI around mean	0.0115	0.123	Background	No Exceedance
MW-252	PMP	A7D	Lithium, total	mg/L	03/15/23 - 07/18/24	7	0	CI around mean	0.0123	0.123	Background	No Exceedance
MW-252	PMP	A7DR	Lithium, total	mg/L	03/15/23 - 10/16/24	8	0	CI around mean	0.0128	0.123	Background	No Exceedance
MW-252	PMP	A7	Mercury, total	mg/L	03/15/23 - 02/07/24	5	100	All ND - Last	0.0002	0.002	MCL/HBL	No Exceedance
MW-252	PMP	A7R	Mercury, total	mg/L	03/15/23 - 04/18/24	6	100	All ND - Last	0.0002	0.002	MCL/HBL	No Exceedance
MW-252	PMP	A7D	Mercury, total	mg/L	03/15/23 - 07/18/24	7	100	All ND - Last	0.0002	0.002	MCL/HBL	No Exceedance
MW-252	PMP	A7DR	Mercury, total	mg/L	03/15/23 - 10/16/24	8	100	All ND - Last	0.0002	0.002	MCL/HBL	No Exceedance
MW-252	PMP	A7	Molybdenum, total	mg/L	03/15/23 - 02/07/24	5	100	All ND - Last	0.0015	0.1	MCL/HBL	No Exceedance
MW-252	PMP	A7R	Molybdenum, total	mg/L	03/15/23 - 04/18/24	6	100	All ND - Last	0.0015	0.1	MCL/HBL	No Exceedance
MW-252	PMP	A7D	Molybdenum, total	mg/L	03/15/23 - 07/18/24	7	100	All ND - Last	0.0015	0.1	MCL/HBL	No Exceedance
MW-252	PMP	A7DR	Molybdenum, total	mg/L	03/15/23 - 10/16/24	8	100	All ND - Last	0.0015	0.1	MCL/HBL	No Exceedance
MW-252	PMP	A7	Radium 226 + Radium 228, total	pCi/L	03/15/23 - 02/07/24	5	0	CI around mean	-0.702	5	MCL/HBL	No Exceedance
MW-252	PMP	A7R	Radium 226 + Radium 228, total	pCi/L	03/15/23 - 04/18/24	6	0	CI around mean	-0.389	5	MCL/HBL	No Exceedance
MW-252	PMP	A7D	Radium 226 + Radium 228, total	pCi/L	03/15/23 - 07/18/24	7	0	CI around geomean	0.222	5	MCL/HBL	No Exceedance
MW-252	PMP	A7DR	Radium 226 + Radium 228, total	pCi/L	03/15/23 - 10/16/24	8	0	CI around geomean	0.274	5	MCL/HBL	No Exceedance
MW-252	PMP	A7	Selenium, total	mg/L	03/15/23 - 02/07/24	5	100	All ND - Last	0.001	0.05	MCL/HBL	No Exceedance
MW-252	PMP	A7R	Selenium, total	mg/L	03/15/23 - 04/18/24	6	100	All ND - Last	0.001	0.05	MCL/HBL	No Exceedance
MW-252	PMP	A7D	Selenium, total	mg/L	03/15/23 - 07/18/24	7	100	All ND - Last	0.001	0.05	MCL/HBL	No Exceedance
MW-252	PMP	A7DR	Selenium, total	mg/L	03/15/23 - 10/16/24	8	100	All ND - Last	0.001	0.05	MCL/HBL	No Exceedance
MW-252	PMP	A7	Thallium, total	mg/L	03/15/23 - 02/07/24	5	100	All ND - Last	0.002	0.002	MCL/HBL	No Exceedance

TABLE 6
DETERMINATION OF STATISTICALLY SIGNIFICANT LEVELS
2024 40 C.F.R. § 257 ANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT
BALDWIN POWER PLANT
FLY ASH POND SYSTEM
BALDWIN, IL

Well ID	HSU	Event ID	Parameter	Unit	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	SSL Type
MW-252	PMP	A7R	Thallium, total	mg/L	03/15/23 - 04/18/24	6	100	All ND - Last	0.002	0.002	MCL/HBL	No Exceedance
MW-252	PMP	A7D	Thallium, total	mg/L	03/15/23 - 07/18/24	7	100	All ND - Last	0.002	0.002	MCL/HBL	No Exceedance
MW-252	PMP	A7DR	Thallium, total	mg/L	03/15/23 - 10/16/24	8	100	All ND - Last	0.002	0.002	MCL/HBL	No Exceedance
MW-253	PMP	A7	Antimony, total	mg/L	03/15/23 - 02/08/24	4	100	All ND - Last	0.001	0.006	MCL/HBL	No Exceedance
MW-253	PMP	A7	Arsenic, total	mg/L	03/15/23 - 02/08/24	4	100	All ND - Last	0.001	0.010	MCL/HBL	No Exceedance
MW-253	PMP	A7	Barium, total	mg/L	03/15/23 - 02/08/24	4	0	CI around mean	-0.0226	2.0	MCL/HBL	No Exceedance
MW-253	PMP	A7	Beryllium, total	mg/L	03/15/23 - 02/08/24	4	100	All ND - Last	0.001	0.004	MCL/HBL	No Exceedance
MW-253	PMP	A7	Cadmium, total	mg/L	03/15/23 - 02/08/24	4	100	All ND - Last	0.001	0.005	MCL/HBL	No Exceedance
MW-253	PMP	A7	Chromium, total	mg/L	03/15/23 - 02/08/24	4	50	CI around mean	0.000370	0.1	MCL/HBL	No Exceedance
MW-253	PMP	A7	Cobalt, total	mg/L	03/15/23 - 02/08/24	4	100	All ND - Last	0.001	0.006	MCL/HBL	No Exceedance
MW-253	PMP	A7	Fluoride, total	mg/L	03/15/23 - 02/08/24	4	0	CI around mean	0.114	4.0	MCL/HBL	No Exceedance
MW-253	PMP	A7	Lead, total	mg/L	03/15/23 - 02/08/24	4	100	All ND - Last	0.001	0.015	MCL/HBL	No Exceedance
MW-253	PMP	A7	Lithium, total	mg/L	03/15/23 - 02/08/24	4	0	CI around mean	0.0152	0.123	Background	No Exceedance
MW-253	PMP	A7	Mercury, total	mg/L	03/15/23 - 02/08/24	4	100	All ND - Last	0.0002	0.002	MCL/HBL	No Exceedance
MW-253	PMP	A7	Molybdenum, total	mg/L	03/15/23 - 02/08/24	4	0	CI around mean	0.00574	0.1	MCL/HBL	No Exceedance
MW-253	PMP	A7	Radium 226 + Radium 228, total	pCi/L	03/15/23 - 02/08/24	4	0	CI around mean	0.466	5	MCL/HBL	No Exceedance
MW-253	PMP	A7	Selenium, total	mg/L	03/15/23 - 02/08/24	4	100	All ND - Last	0.001	0.05	MCL/HBL	No Exceedance
MW-253	PMP	A7	Thallium, total	mg/L	03/15/23 - 02/08/24	4	100	All ND - Last	0.002	0.002	MCL/HBL	No Exceedance
MW-253R	PMP	A7D	Antimony, total	mg/L	07/18/24 - 07/18/24	1	100	All ND - Last	0.001	0.006	MCL/HBL	No Exceedance
MW-253R	PMP	A7DR	Antimony, total	mg/L	07/18/24 - 10/16/24	3	100	All ND - Last	0.001	0.006	MCL/HBL	No Exceedance
MW-253R	PMP	A7D	Arsenic, total	mg/L	07/18/24 - 07/18/24	1	0	Most recent sample	0.00120	0.010	MCL/HBL	No Exceedance
MW-253R	PMP	A7DR	Arsenic, total	mg/L	07/18/24 - 10/16/24	3	0	Most recent sample	0.00230	0.010	MCL/HBL	No Exceedance
MW-253R	PMP	A7D	Barium, total	mg/L	07/18/24 - 07/18/24	1	0	Most recent sample	0.111	2.0	MCL/HBL	No Exceedance
MW-253R	PMP	A7DR	Barium, total	mg/L	07/18/24 - 10/16/24	3	0	Most recent sample	0.0614	2.0	MCL/HBL	No Exceedance
MW-253R	PMP	A7D	Beryllium, total	mg/L	07/18/24 - 07/18/24	1	100	All ND - Last	0.001	0.004	MCL/HBL	No Exceedance
MW-253R	PMP	A7DR	Beryllium, total	mg/L	07/18/24 - 10/16/24	3	100	All ND - Last	0.001	0.004	MCL/HBL	No Exceedance
MW-253R	PMP	A7D	Cadmium, total	mg/L	07/18/24 - 07/18/24	1	100	All ND - Last	0.001	0.005	MCL/HBL	No Exceedance

TABLE 6
DETERMINATION OF STATISTICALLY SIGNIFICANT LEVELS
2024 40 C.F.R. § 257 ANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT
BALDWIN POWER PLANT
FLY ASH POND SYSTEM
BALDWIN, IL

Well ID	HSU	Event ID	Parameter	Unit	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	SSL Type
MW-253R	PMP	A7DR	Cadmium, total	mg/L	07/18/24 - 10/16/24	3	100	All ND - Last	0.001	0.005	MCL/HBL	No Exceedance
MW-253R	PMP	A7D	Chromium, total	mg/L	07/18/24 - 07/18/24	1	100	All ND - Last	0.0015	0.1	MCL/HBL	No Exceedance
MW-253R	PMP	A7DR	Chromium, total	mg/L	07/18/24 - 10/16/24	3	66	Most recent sample	0.00150	0.1	MCL/HBL	No Exceedance
MW-253R	PMP	A7D	Cobalt, total	mg/L	07/18/24 - 07/18/24	1	100	All ND - Last	0.001	0.006	MCL/HBL	No Exceedance
MW-253R	PMP	A7DR	Cobalt, total	mg/L	07/18/24 - 10/16/24	3	66	Most recent sample	0.00100	0.006	MCL/HBL	No Exceedance
MW-253R	PMP	A7D	Fluoride, total	mg/L	07/18/24 - 07/18/24	1	0	Most recent sample	0.460	4.0	MCL/HBL	No Exceedance
MW-253R	PMP	A7DR	Fluoride, total	mg/L	07/18/24 - 10/16/24	3	66	Most recent sample	0.500	4.0	MCL/HBL	No Exceedance
MW-253R	PMP	A7D	Lead, total	mg/L	07/18/24 - 07/18/24	1	100	All ND - Last	0.001	0.015	MCL/HBL	No Exceedance
MW-253R	PMP	A7DR	Lead, total	mg/L	07/18/24 - 10/16/24	3	33	Most recent sample	0.00310	0.015	MCL/HBL	No Exceedance
MW-253R	PMP	A7D	Lithium, total	mg/L	07/18/24 - 07/18/24	1	0	Most recent sample	0.0142	0.123	Background	No Exceedance
MW-253R	PMP	A7DR	Lithium, total	mg/L	07/18/24 - 10/16/24	3	0	Most recent sample	0.0193	0.123	Background	No Exceedance
MW-253R	PMP	A7D	Mercury, total	mg/L	07/18/24 - 07/18/24	1	100	All ND - Last	0.0002	0.002	MCL/HBL	No Exceedance
MW-253R	PMP	A7DR	Mercury, total	mg/L	07/18/24 - 10/16/24	3	100	All ND - Last	0.0002	0.002	MCL/HBL	No Exceedance
MW-253R	PMP	A7D	Molybdenum, total	mg/L	07/18/24 - 07/18/24	1	0	Most recent sample	0.00410	0.1	MCL/HBL	No Exceedance
MW-253R	PMP	A7DR	Molybdenum, total	mg/L	07/18/24 - 10/16/24	3	0	Most recent sample	0.00530	0.1	MCL/HBL	No Exceedance
MW-253R	PMP	A7D	Radium 226 + Radium 228, total	pCi/L	07/18/24 - 07/18/24	1	0	Most recent sample	1.12	5	MCL/HBL	No Exceedance
MW-253R	PMP	A7DR	Radium 226 + Radium 228, total	pCi/L	07/18/24 - 10/16/24	3	0	Most recent sample	0.674	5	MCL/HBL	No Exceedance
MW-253R	PMP	A7D	Selenium, total	mg/L	07/18/24 - 07/18/24	1	100	All ND - Last	0.001	0.05	MCL/HBL	No Exceedance
MW-253R	PMP	A7DR	Selenium, total	mg/L	07/18/24 - 10/16/24	3	100	All ND - Last	0.001	0.05	MCL/HBL	No Exceedance
MW-253R	PMP	A7D	Thallium, total	mg/L	07/18/24 - 07/18/24	1	100	All ND - Last	0.002	0.002	MCL/HBL	No Exceedance
MW-253R	PMP	A7DR	Thallium, total	mg/L	07/18/24 - 10/16/24	3	100	All ND - Last	0.002	0.002	MCL/HBL	No Exceedance
MW-350	UA	A7	Antimony, total	mg/L	03/26/20 - 02/07/24	11	9	CI around mean	0.00105	0.006	MCL/HBL	No Exceedance
MW-350	UA	A7	Arsenic, total	mg/L	03/26/20 - 02/07/24	11	90	CI around median	0.00100	0.010	MCL/HBL	No Exceedance
MW-350	UA	A7	Barium, total	mg/L	03/26/20 - 02/07/24	11	0	CI around mean	0.190	2.0	MCL/HBL	No Exceedance
MW-350	UA	A7	Beryllium, total	mg/L	03/26/20 - 02/07/24	9	100	All ND - Last	0.001	0.004	MCL/HBL	No Exceedance
MW-350	UA	A7	Cadmium, total	mg/L	03/26/20 - 02/07/24	9	100	All ND - Last	0.001	0.005	MCL/HBL	No Exceedance
MW-350	UA	A7	Chromium, total	mg/L	03/26/20 - 02/07/24	11	54	CB around T-S line	0.00150	0.1	MCL/HBL	No Exceedance

TABLE 6
DETERMINATION OF STATISTICALLY SIGNIFICANT LEVELS
2024 40 C.F.R. § 257 ANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT
BALDWIN POWER PLANT
FLY ASH POND SYSTEM
BALDWIN, IL

Well ID	HSU	Event ID	Parameter	Unit	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	SSL Type
MW-350	UA	A7	Cobalt, total	mg/L	03/26/20 - 02/07/24	11	100	All ND - Last	0.001	0.006	MCL/HBL	No Exceedance
MW-350	UA	A7	Fluoride, total	mg/L	03/26/20 - 02/07/24	11	0	CI around mean	0.136	4.0	MCL/HBL	No Exceedance
MW-350	UA	A7	Lead, total	mg/L	03/26/20 - 02/07/24	11	63	CI around median	0.00100	0.015	MCL/HBL	No Exceedance
MW-350	UA	A7	Lithium, total	mg/L	06/25/19 - 02/07/24	13	0	CI around mean	0.0733	0.123	Background	No Exceedance
MW-350	UA	A7	Mercury, total	mg/L	03/26/20 - 02/07/24	9	100	All ND - Last	0.0002	0.002	MCL/HBL	No Exceedance
MW-350	UA	A7	Molybdenum, total	mg/L	03/26/20 - 02/07/24	11	9	CI around mean	0.00250	0.1	MCL/HBL	No Exceedance
MW-350	UA	A7	Radium 226 + Radium 228, total	pCi/L	03/26/20 - 02/07/24	11	0	CI around mean	0.956	5	MCL/HBL	No Exceedance
MW-350	UA	A7	Selenium, total	mg/L	03/26/20 - 02/07/24	11	100	All ND - Last	0.001	0.05	MCL/HBL	No Exceedance
MW-350	UA	A7	Thallium, total	mg/L	03/26/20 - 02/07/24	11	100	All ND - Last	0.002	0.002	MCL/HBL	No Exceedance
MW-350R	UA	A7D	Antimony, total	mg/L	07/18/24 - 07/18/24	1	100	All ND - Last	0.001	0.006	MCL/HBL	No Exceedance
MW-350R	UA	A7DR	Antimony, total	mg/L	07/18/24 - 10/15/24	2	100	All ND - Last	0.001	0.006	MCL/HBL	No Exceedance
MW-350R	UA	A7D	Arsenic, total	mg/L	07/18/24 - 07/18/24	1	0	Most recent sample	0.00290	0.010	MCL/HBL	No Exceedance
MW-350R	UA	A7DR	Arsenic, total	mg/L	07/18/24 - 10/15/24	2	0	Most recent sample	0.00170	0.010	MCL/HBL	No Exceedance
MW-350R	UA	A7D	Barium, total	mg/L	07/18/24 - 07/18/24	1	0	Most recent sample	0.106	2.0	MCL/HBL	No Exceedance
MW-350R	UA	A7DR	Barium, total	mg/L	07/18/24 - 10/15/24	2	0	Most recent sample	0.126	2.0	MCL/HBL	No Exceedance
MW-350R	UA	A7D	Beryllium, total	mg/L	07/18/24 - 07/18/24	1	100	All ND - Last	0.001	0.004	MCL/HBL	No Exceedance
MW-350R	UA	A7DR	Beryllium, total	mg/L	07/18/24 - 10/15/24	2	100	All ND - Last	0.001	0.004	MCL/HBL	No Exceedance
MW-350R	UA	A7D	Cadmium, total	mg/L	07/18/24 - 07/18/24	1	100	All ND - Last	0.001	0.005	MCL/HBL	No Exceedance
MW-350R	UA	A7DR	Cadmium, total	mg/L	07/18/24 - 10/15/24	2	100	All ND - Last	0.001	0.005	MCL/HBL	No Exceedance
MW-350R	UA	A7D	Chromium, total	mg/L	07/18/24 - 07/18/24	1	100	All ND - Last	0.0015	0.1	MCL/HBL	No Exceedance
MW-350R	UA	A7DR	Chromium, total	mg/L	07/18/24 - 10/15/24	2	50	Most recent sample	0.00160	0.1	MCL/HBL	No Exceedance
MW-350R	UA	A7D	Cobalt, total	mg/L	07/18/24 - 07/18/24	1	100	All ND - Last	0.001	0.006	MCL/HBL	No Exceedance
MW-350R	UA	A7DR	Cobalt, total	mg/L	07/18/24 - 10/15/24	2	100	All ND - Last	0.001	0.006	MCL/HBL	No Exceedance
MW-350R	UA	A7D	Fluoride, total	mg/L	07/18/24 - 07/18/24	1	0	Most recent sample	0.870	4.0	MCL/HBL	No Exceedance
MW-350R	UA	A7DR	Fluoride, total	mg/L	07/18/24 - 10/15/24	2	0	Most recent sample	0.940	4.0	MCL/HBL	No Exceedance
MW-350R	UA	A7D	Lead, total	mg/L	07/18/24 - 07/18/24	1	100	All ND - Last	0.001	0.015	MCL/HBL	No Exceedance
MW-350R	UA	A7DR	Lead, total	mg/L	07/18/24 - 10/15/24	2	100	All ND - Last	0.001	0.015	MCL/HBL	No Exceedance

TABLE 6
DETERMINATION OF STATISTICALLY SIGNIFICANT LEVELS
2024 40 C.F.R. § 257 ANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT
BALDWIN POWER PLANT
FLY ASH POND SYSTEM
BALDWIN, IL

Well ID	HSU	Event ID	Parameter	Unit	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	SSL Type
MW-350R	UA	A7D	Lithium, total	mg/L	07/18/24 - 07/18/24	1	0	Most recent sample	0.0754	0.123	Background	No Exceedance
MW-350R	UA	A7DR	Lithium, total	mg/L	07/18/24 - 10/15/24	2	0	Most recent sample	0.0698	0.123	Background	No Exceedance
MW-350R	UA	A7D	Mercury, total	mg/L	07/18/24 - 07/18/24	1	100	All ND - Last	0.0002	0.002	MCL/HBL	No Exceedance
MW-350R	UA	A7DR	Mercury, total	mg/L	07/18/24 - 10/15/24	2	100	All ND - Last	0.0002	0.002	MCL/HBL	No Exceedance
MW-350R	UA	A7D	Molybdenum, total	mg/L	07/18/24 - 07/18/24	1	0	Most recent sample	0.0175	0.1	MCL/HBL	No Exceedance
MW-350R	UA	A7DR	Molybdenum, total	mg/L	07/18/24 - 10/15/24	2	0	Most recent sample	0.00600	0.1	MCL/HBL	No Exceedance
MW-350R	UA	A7D	Radium 226 + Radium 228, total	pCi/L	07/18/24 - 07/18/24	1	0	Most recent sample	0.340	5	MCL/HBL	No Exceedance
MW-350R	UA	A7DR	Radium 226 + Radium 228, total	pCi/L	07/18/24 - 10/15/24	2	0	Most recent sample	0.491	5	MCL/HBL	No Exceedance
MW-350R	UA	A7D	Selenium, total	mg/L	07/18/24 - 07/18/24	1	100	All ND - Last	0.001	0.05	MCL/HBL	No Exceedance
MW-350R	UA	A7DR	Selenium, total	mg/L	07/18/24 - 10/15/24	2	100	All ND - Last	0.001	0.05	MCL/HBL	No Exceedance
MW-350R	UA	A7D	Thallium, total	mg/L	07/18/24 - 07/18/24	1	100	All ND - Last	0.002	0.002	MCL/HBL	No Exceedance
MW-350R	UA	A7DR	Thallium, total	mg/L	07/18/24 - 10/15/24	2	100	All ND - Last	0.002	0.002	MCL/HBL	No Exceedance
MW-352	UA	A7	Antimony, total	mg/L	03/15/23 - 02/07/24	6	83	CI around median (Last Sample, n<7)	0.00200	0.006	MCL/HBL	No Exceedance
MW-352	UA	A7R	Antimony, total	mg/L	03/15/23 - 04/18/24	7	85	CI around median	0.00100	0.006	MCL/HBL	No Exceedance
MW-352	UA	A7D	Antimony, total	mg/L	03/15/23 - 07/18/24	8	87	CI around median	0.00100	0.006	MCL/HBL	No Exceedance
MW-352	UA	A7DR	Antimony, total	mg/L	03/15/23 - 10/16/24	9	88	CI around median	0.00100	0.006	MCL/HBL	No Exceedance
MW-352	UA	A7	Arsenic, total	mg/L	03/15/23 - 02/07/24	6	100	All ND - Last	0.001	0.010	MCL/HBL	No Exceedance
MW-352	UA	A7R	Arsenic, total	mg/L	03/15/23 - 04/18/24	7	100	All ND - Last	0.001	0.010	MCL/HBL	No Exceedance
MW-352	UA	A7D	Arsenic, total	mg/L	03/15/23 - 07/18/24	8	100	All ND - Last	0.001	0.010	MCL/HBL	No Exceedance
MW-352	UA	A7DR	Arsenic, total	mg/L	03/15/23 - 10/16/24	9	100	All ND - Last	0.001	0.010	MCL/HBL	No Exceedance
MW-352	UA	A7	Barium, total	mg/L	03/15/23 - 02/07/24	6	0	CI around median (Last Sample, n<7)	0.0839	2.0	MCL/HBL	No Exceedance
MW-352	UA	A7R	Barium, total	mg/L	03/15/23 - 04/18/24	7	0	CI around median	0.0839	2.0	MCL/HBL	No Exceedance
MW-352	UA	A7D	Barium, total	mg/L	03/15/23 - 07/18/24	8	0	CI around median	0.0839	2.0	MCL/HBL	No Exceedance
MW-352	UA	A7DR	Barium, total	mg/L	03/15/23 - 10/16/24	9	0	CI around median	0.0856	2.0	MCL/HBL	No Exceedance
MW-352	UA	A7	Beryllium, total	mg/L	03/15/23 - 02/07/24	6	100	All ND - Last	0.001	0.004	MCL/HBL	No Exceedance
MW-352	UA	A7R	Beryllium, total	mg/L	03/15/23 - 04/18/24	7	100	All ND - Last	0.001	0.004	MCL/HBL	No Exceedance
MW-352	UA	A7D	Beryllium, total	mg/L	03/15/23 - 07/18/24	8	100	All ND - Last	0.001	0.004	MCL/HBL	No Exceedance

TABLE 6
DETERMINATION OF STATISTICALLY SIGNIFICANT LEVELS
2024 40 C.F.R. § 257 ANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT
BALDWIN POWER PLANT
FLY ASH POND SYSTEM
BALDWIN, IL

Well ID	HSU	Event ID	Parameter	Unit	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	SSL Type
MW-352	UA	A7DR	Beryllium, total	mg/L	03/15/23 - 10/16/24	9	100	All ND - Last	0.001	0.004	MCL/HBL	No Exceedance
MW-352	UA	A7	Cadmium, total	mg/L	03/15/23 - 02/07/24	6	100	All ND - Last	0.001	0.005	MCL/HBL	No Exceedance
MW-352	UA	A7R	Cadmium, total	mg/L	03/15/23 - 04/18/24	7	100	All ND - Last	0.001	0.005	MCL/HBL	No Exceedance
MW-352	UA	A7D	Cadmium, total	mg/L	03/15/23 - 07/18/24	8	100	All ND - Last	0.001	0.005	MCL/HBL	No Exceedance
MW-352	UA	A7DR	Cadmium, total	mg/L	03/15/23 - 10/16/24	9	100	All ND - Last	0.001	0.005	MCL/HBL	No Exceedance
MW-352	UA	A7	Chromium, total	mg/L	03/15/23 - 02/07/24	6	100	All ND - Last	0.0015	0.1	MCL/HBL	No Exceedance
MW-352	UA	A7R	Chromium, total	mg/L	03/15/23 - 04/18/24	7	100	All ND - Last	0.0015	0.1	MCL/HBL	No Exceedance
MW-352	UA	A7D	Chromium, total	mg/L	03/15/23 - 07/18/24	8	100	All ND - Last	0.0015	0.1	MCL/HBL	No Exceedance
MW-352	UA	A7DR	Chromium, total	mg/L	03/15/23 - 10/16/24	9	100	All ND - Last	0.0015	0.1	MCL/HBL	No Exceedance
MW-352	UA	A7	Cobalt, total	mg/L	03/15/23 - 02/07/24	6	100	All ND - Last	0.001	0.006	MCL/HBL	No Exceedance
MW-352	UA	A7R	Cobalt, total	mg/L	03/15/23 - 04/18/24	7	100	All ND - Last	0.001	0.006	MCL/HBL	No Exceedance
MW-352	UA	A7D	Cobalt, total	mg/L	03/15/23 - 07/18/24	8	100	All ND - Last	0.001	0.006	MCL/HBL	No Exceedance
MW-352	UA	A7DR	Cobalt, total	mg/L	03/15/23 - 10/16/24	9	100	All ND - Last	0.001	0.006	MCL/HBL	No Exceedance
MW-352	UA	A7	Fluoride, total	mg/L	03/15/23 - 02/07/24	6	0	CI around mean	1.28	4.0	MCL/HBL	No Exceedance
MW-352	UA	A7R	Fluoride, total	mg/L	03/15/23 - 04/18/24	7	0	CI around mean	1.32	4.0	MCL/HBL	No Exceedance
MW-352	UA	A7D	Fluoride, total	mg/L	03/15/23 - 07/18/24	8	0	CI around mean	1.35	4.0	MCL/HBL	No Exceedance
MW-352	UA	A7DR	Fluoride, total	mg/L	03/15/23 - 10/16/24	9	0	CI around mean	1.37	4.0	MCL/HBL	No Exceedance
MW-352	UA	A7	Lead, total	mg/L	03/15/23 - 02/07/24	6	100	All ND - Last	0.001	0.015	MCL/HBL	No Exceedance
MW-352	UA	A7R	Lead, total	mg/L	03/15/23 - 04/18/24	7	100	All ND - Last	0.001	0.015	MCL/HBL	No Exceedance
MW-352	UA	A7D	Lead, total	mg/L	03/15/23 - 07/18/24	8	100	All ND - Last	0.001	0.015	MCL/HBL	No Exceedance
MW-352	UA	A7DR	Lead, total	mg/L	03/15/23 - 10/16/24	9	100	All ND - Last	0.001	0.015	MCL/HBL	No Exceedance
MW-352	UA	A7	Lithium, total	mg/L	03/15/23 - 02/07/24	6	0	CI around mean	0.0812	0.123	Background	No Exceedance
MW-352	UA	A7R	Lithium, total	mg/L	03/15/23 - 04/18/24	7	0	CI around mean	0.0825	0.123	Background	No Exceedance
MW-352	UA	A7D	Lithium, total	mg/L	03/15/23 - 07/18/24	8	0	CI around mean	0.0852	0.123	Background	No Exceedance
MW-352	UA	A7DR	Lithium, total	mg/L	03/15/23 - 10/16/24	9	0	CI around mean	0.0862	0.123	Background	No Exceedance
MW-352	UA	A7	Mercury, total	mg/L	03/15/23 - 02/07/24	6	100	All ND - Last	0.0002	0.002	MCL/HBL	No Exceedance
MW-352	UA	A7R	Mercury, total	mg/L	03/15/23 - 04/18/24	7	100	All ND - Last	0.0002	0.002	MCL/HBL	No Exceedance

TABLE 6
DETERMINATION OF STATISTICALLY SIGNIFICANT LEVELS
2024 40 C.F.R. § 257 ANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT
BALDWIN POWER PLANT
FLY ASH POND SYSTEM
BALDWIN, IL

Well ID	HSU	Event ID	Parameter	Unit	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	SSL Type
MW-352	UA	A7D	Mercury, total	mg/L	03/15/23 - 07/18/24	8	100	All ND - Last	0.0002	0.002	MCL/HBL	No Exceedance
MW-352	UA	A7DR	Mercury, total	mg/L	03/15/23 - 10/16/24	9	100	All ND - Last	0.0002	0.002	MCL/HBL	No Exceedance
MW-352	UA	A7	Molybdenum, total	mg/L	03/15/23 - 02/07/24	6	100	All ND - Last	0.0015	0.1	MCL/HBL	No Exceedance
MW-352	UA	A7R	Molybdenum, total	mg/L	03/15/23 - 04/18/24	7	100	All ND - Last	0.0015	0.1	MCL/HBL	No Exceedance
MW-352	UA	A7D	Molybdenum, total	mg/L	03/15/23 - 07/18/24	8	100	All ND - Last	0.0015	0.1	MCL/HBL	No Exceedance
MW-352	UA	A7DR	Molybdenum, total	mg/L	03/15/23 - 10/16/24	9	100	All ND - Last	0.0015	0.1	MCL/HBL	No Exceedance
MW-352	UA	A7	Radium 226 + Radium 228, total	pCi/L	03/15/23 - 02/07/24	6	0	CI around mean	0.684	5	MCL/HBL	No Exceedance
MW-352	UA	A7R	Radium 226 + Radium 228, total	pCi/L	03/15/23 - 04/18/24	7	0	CI around mean	0.732	5	MCL/HBL	No Exceedance
MW-352	UA	A7D	Radium 226 + Radium 228, total	pCi/L	03/15/23 - 07/18/24	8	0	CI around mean	0.759	5	MCL/HBL	No Exceedance
MW-352	UA	A7DR	Radium 226 + Radium 228, total	pCi/L	03/15/23 - 10/16/24	9	0	CI around mean	0.668	5	MCL/HBL	No Exceedance
MW-352	UA	A7	Selenium, total	mg/L	03/15/23 - 02/07/24	6	100	All ND - Last	0.001	0.05	MCL/HBL	No Exceedance
MW-352	UA	A7R	Selenium, total	mg/L	03/15/23 - 04/18/24	7	100	All ND - Last	0.001	0.05	MCL/HBL	No Exceedance
MW-352	UA	A7D	Selenium, total	mg/L	03/15/23 - 07/18/24	8	100	All ND - Last	0.001	0.05	MCL/HBL	No Exceedance
MW-352	UA	A7DR	Selenium, total	mg/L	03/15/23 - 10/16/24	9	100	All ND - Last	0.001	0.05	MCL/HBL	No Exceedance
MW-352	UA	A7	Thallium, total	mg/L	03/15/23 - 02/07/24	6	100	All ND - Last	0.002	0.002	MCL/HBL	No Exceedance
MW-352	UA	A7R	Thallium, total	mg/L	03/15/23 - 04/18/24	7	100	All ND - Last	0.002	0.002	MCL/HBL	No Exceedance
MW-352	UA	A7D	Thallium, total	mg/L	03/15/23 - 07/18/24	8	100	All ND - Last	0.002	0.002	MCL/HBL	No Exceedance
MW-352	UA	A7DR	Thallium, total	mg/L	03/15/23 - 10/16/24	9	100	All ND - Last	0.002	0.002	MCL/HBL	No Exceedance
MW-366	UA	A7	Antimony, total	mg/L	01/20/16 - 02/07/24	23	100	All ND - Last	0.001	0.006	MCL/HBL	No Exceedance
MW-366	UA	A7R	Antimony, total	mg/L	01/20/16 - 04/16/24	24	100	All ND - Last	0.001	0.006	MCL/HBL	No Exceedance
MW-366	UA	A7D	Antimony, total	mg/L	01/20/16 - 07/18/24	25	100	All ND - Last	0.001	0.006	MCL/HBL	No Exceedance
MW-366	UA	A7DR	Antimony, total	mg/L	01/20/16 - 10/15/24	26	100	All ND - Last	0.001	0.006	MCL/HBL	No Exceedance
MW-366	UA	A7	Arsenic, total	mg/L	01/20/16 - 02/07/24	23	95	CI around median	0.00100	0.010	MCL/HBL	No Exceedance
MW-366	UA	A7R	Arsenic, total	mg/L	01/20/16 - 04/16/24	24	95	CI around median	0.00100	0.010	MCL/HBL	No Exceedance
MW-366	UA	A7D	Arsenic, total	mg/L	01/20/16 - 07/18/24	25	96	CI around median	0.00100	0.010	MCL/HBL	No Exceedance
MW-366	UA	A7DR	Arsenic, total	mg/L	01/20/16 - 10/15/24	26	96	CI around median	0.00100	0.010	MCL/HBL	No Exceedance
MW-366	UA	A7	Barium, total	mg/L	01/20/16 - 02/07/24	23	0	CB around linear reg	0.0208	2.0	MCL/HBL	No Exceedance

TABLE 6
DETERMINATION OF STATISTICALLY SIGNIFICANT LEVELS
2024 40 C.F.R. § 257 ANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT
BALDWIN POWER PLANT
FLY ASH POND SYSTEM
BALDWIN, IL

Well ID	HSU	Event ID	Parameter	Unit	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	SSL Type
MW-366	UA	A7R	Barium, total	mg/L	01/20/16 - 04/16/24	24	0	CB around linear reg	0.0238	2.0	MCL/HBL	No Exceedance
MW-366	UA	A7D	Barium, total	mg/L	01/20/16 - 07/18/24	25	0	CB around linear reg	0.0221	2.0	MCL/HBL	No Exceedance
MW-366	UA	A7DR	Barium, total	mg/L	01/20/16 - 10/15/24	26	0	CB around linear reg	0.0220	2.0	MCL/HBL	No Exceedance
MW-366	UA	A7	Beryllium, total	mg/L	01/20/16 - 02/07/24	18	100	All ND - Last	0.001	0.004	MCL/HBL	No Exceedance
MW-366	UA	A7R	Beryllium, total	mg/L	01/20/16 - 04/16/24	19	100	All ND - Last	0.001	0.004	MCL/HBL	No Exceedance
MW-366	UA	A7D	Beryllium, total	mg/L	01/20/16 - 07/18/24	20	100	All ND - Last	0.001	0.004	MCL/HBL	No Exceedance
MW-366	UA	A7DR	Beryllium, total	mg/L	01/20/16 - 10/15/24	21	100	All ND - Last	0.001	0.004	MCL/HBL	No Exceedance
MW-366	UA	A7	Cadmium, total	mg/L	01/20/16 - 02/07/24	18	100	All ND - Last	0.001	0.005	MCL/HBL	No Exceedance
MW-366	UA	A7R	Cadmium, total	mg/L	01/20/16 - 04/16/24	19	100	All ND - Last	0.001	0.005	MCL/HBL	No Exceedance
MW-366	UA	A7D	Cadmium, total	mg/L	01/20/16 - 07/18/24	20	100	All ND - Last	0.001	0.005	MCL/HBL	No Exceedance
MW-366	UA	A7DR	Cadmium, total	mg/L	01/20/16 - 10/15/24	21	100	All ND - Last	0.001	0.005	MCL/HBL	No Exceedance
MW-366	UA	A7	Chromium, total	mg/L	01/20/16 - 02/07/24	23	100	All ND - Last	0.0015	0.1	MCL/HBL	No Exceedance
MW-366	UA	A7R	Chromium, total	mg/L	01/20/16 - 04/16/24	24	100	All ND - Last	0.0015	0.1	MCL/HBL	No Exceedance
MW-366	UA	A7D	Chromium, total	mg/L	01/20/16 - 07/18/24	25	100	All ND - Last	0.0015	0.1	MCL/HBL	No Exceedance
MW-366	UA	A7DR	Chromium, total	mg/L	01/20/16 - 10/15/24	26	96	CB around T-S line	0.00148	0.1	MCL/HBL	No Exceedance
MW-366	UA	A7	Cobalt, total	mg/L	01/20/16 - 02/07/24	21	80	CI around median	0.00100	0.006	MCL/HBL	No Exceedance
MW-366	UA	A7R	Cobalt, total	mg/L	01/20/16 - 04/16/24	22	77	CI around median	0.00100	0.006	MCL/HBL	No Exceedance
MW-366	UA	A7D	Cobalt, total	mg/L	01/20/16 - 07/18/24	23	78	CI around median	0.00100	0.006	MCL/HBL	No Exceedance
MW-366	UA	A7DR	Cobalt, total	mg/L	01/20/16 - 10/15/24	24	79	CI around median	0.00100	0.006	MCL/HBL	No Exceedance
MW-366	UA	A7	Fluoride, total	mg/L	01/20/16 - 02/07/24	24	0	CB around linear reg	0.125	4.0	MCL/HBL	No Exceedance
MW-366	UA	A7R	Fluoride, total	mg/L	01/20/16 - 04/16/24	25	0	CB around linear reg	0.141	4.0	MCL/HBL	No Exceedance
MW-366	UA	A7D	Fluoride, total	mg/L	01/20/16 - 07/18/24	26	0	CB around linear reg	0.135	4.0	MCL/HBL	No Exceedance
MW-366	UA	A7DR	Fluoride, total	mg/L	01/20/16 - 10/15/24	27	3	CB around linear reg	0.120	4.0	MCL/HBL	No Exceedance
MW-366	UA	A7	Lead, total	mg/L	01/20/16 - 02/07/24	20	100	All ND - Last	0.001	0.015	MCL/HBL	No Exceedance
MW-366	UA	A7R	Lead, total	mg/L	01/20/16 - 04/16/24	21	100	All ND - Last	0.001	0.015	MCL/HBL	No Exceedance
MW-366	UA	A7D	Lead, total	mg/L	01/20/16 - 07/18/24	22	100	All ND - Last	0.001	0.015	MCL/HBL	No Exceedance
MW-366	UA	A7DR	Lead, total	mg/L	01/20/16 - 10/15/24	23	100	All ND - Last	0.001	0.015	MCL/HBL	No Exceedance

TABLE 6
DETERMINATION OF STATISTICALLY SIGNIFICANT LEVELS
2024 40 C.F.R. § 257 ANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT
BALDWIN POWER PLANT
FLY ASH POND SYSTEM
BALDWIN, IL

Well ID	HSU	Event ID	Parameter	Unit	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	SSL Type
MW-366	UA	A7	Lithium, total	mg/L	01/20/16 - 02/07/24	23	4	CB around linear reg	0.00203	0.123	Background	No Exceedance
MW-366	UA	A7R	Lithium, total	mg/L	01/20/16 - 04/16/24	24	4	CI around mean	0.0151	0.123	Background	No Exceedance
MW-366	UA	A7D	Lithium, total	mg/L	01/20/16 - 07/18/24	25	4	CB around linear reg	0.00329	0.123	Background	No Exceedance
MW-366	UA	A7DR	Lithium, total	mg/L	01/20/16 - 10/15/24	26	3	CB around linear reg	0.00348	0.123	Background	No Exceedance
MW-366	UA	A7	Mercury, total	mg/L	01/20/16 - 02/07/24	18	100	All ND - Last	0.0002	0.002	MCL/HBL	No Exceedance
MW-366	UA	A7R	Mercury, total	mg/L	01/20/16 - 04/16/24	19	100	All ND - Last	0.0002	0.002	MCL/HBL	No Exceedance
MW-366	UA	A7D	Mercury, total	mg/L	01/20/16 - 07/18/24	20	100	All ND - Last	0.0002	0.002	MCL/HBL	No Exceedance
MW-366	UA	A7DR	Mercury, total	mg/L	01/20/16 - 10/15/24	21	100	All ND - Last	0.0002	0.002	MCL/HBL	No Exceedance
MW-366	UA	A7	Molybdenum, total	mg/L	01/20/16 - 02/07/24	23	4	CI around mean	0.00283	0.1	MCL/HBL	No Exceedance
MW-366	UA	A7R	Molybdenum, total	mg/L	01/20/16 - 04/16/24	24	4	CI around mean	0.00289	0.1	MCL/HBL	No Exceedance
MW-366	UA	A7D	Molybdenum, total	mg/L	01/20/16 - 07/18/24	25	4	CI around mean	0.00291	0.1	MCL/HBL	No Exceedance
MW-366	UA	A7DR	Molybdenum, total	mg/L	01/20/16 - 10/15/24	26	3	CI around mean	0.00294	0.1	MCL/HBL	No Exceedance
MW-366	UA	A7	Radium 226 + Radium 228, total	pCi/L	01/20/16 - 02/07/24	23	0	CI around geomean	0.437	5	MCL/HBL	No Exceedance
MW-366	UA	A7R	Radium 226 + Radium 228, total	pCi/L	01/20/16 - 04/16/24	24	0	CI around geomean	0.451	5	MCL/HBL	No Exceedance
MW-366	UA	A7D	Radium 226 + Radium 228, total	pCi/L	01/20/16 - 07/18/24	25	0	CI around geomean	0.421	5	MCL/HBL	No Exceedance
MW-366	UA	A7DR	Radium 226 + Radium 228, total	pCi/L	01/20/16 - 10/15/24	26	0	CI around geomean	0.394	5	MCL/HBL	No Exceedance
MW-366	UA	A7	Selenium, total	mg/L	01/20/16 - 02/07/24	23	95	CI around median	0.00100	0.05	MCL/HBL	No Exceedance
MW-366	UA	A7R	Selenium, total	mg/L	01/20/16 - 04/16/24	24	95	CI around median	0.00100	0.05	MCL/HBL	No Exceedance
MW-366	UA	A7D	Selenium, total	mg/L	01/20/16 - 07/18/24	25	96	CI around median	0.00100	0.05	MCL/HBL	No Exceedance
MW-366	UA	A7DR	Selenium, total	mg/L	01/20/16 - 10/15/24	26	96	CI around median	0.00100	0.05	MCL/HBL	No Exceedance
MW-366	UA	A7	Thallium, total	mg/L	01/20/16 - 02/07/24	20	100	All ND - Last	0.002	0.002	MCL/HBL	No Exceedance
MW-366	UA	A7R	Thallium, total	mg/L	01/20/16 - 04/16/24	21	100	All ND - Last	0.002	0.002	MCL/HBL	No Exceedance
MW-366	UA	A7D	Thallium, total	mg/L	01/20/16 - 07/18/24	22	100	All ND - Last	0.002	0.002	MCL/HBL	No Exceedance
MW-366	UA	A7DR	Thallium, total	mg/L	01/20/16 - 10/15/24	23	100	All ND - Last	0.002	0.002	MCL/HBL	No Exceedance
MW-375	UA	A7	Antimony, total	mg/L	01/20/16 - 02/07/24	23	30	CB around T-S line	0.0000993	0.006	MCL/HBL	No Exceedance
MW-375	UA	A7R	Antimony, total	mg/L	01/20/16 - 04/17/24	24	29	CB around T-S line	0.000417	0.006	MCL/HBL	No Exceedance
MW-375	UA	A7D	Antimony, total	mg/L	01/20/16 - 07/18/24	25	32	CB around T-S line	0.000423	0.006	MCL/HBL	No Exceedance

TABLE 6
DETERMINATION OF STATISTICALLY SIGNIFICANT LEVELS
2024 40 C.F.R. § 257 ANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT
BALDWIN POWER PLANT
FLY ASH POND SYSTEM
BALDWIN, IL

Well ID	HSU	Event ID	Parameter	Unit	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	SSL Type
MW-375	UA	A7DR	Antimony, total	mg/L	01/20/16 - 10/16/24	26	34	CB around T-S line	0.000361	0.006	MCL/HBL	No Exceedance
MW-375	UA	A7	Arsenic, total	mg/L	01/20/16 - 02/07/24	23	4	CI around median	0.00140	0.010	MCL/HBL	No Exceedance
MW-375	UA	A7R	Arsenic, total	mg/L	01/20/16 - 04/17/24	24	4	CI around median	0.00140	0.010	MCL/HBL	No Exceedance
MW-375	UA	A7D	Arsenic, total	mg/L	01/20/16 - 07/18/24	25	4	CI around median	0.00140	0.010	MCL/HBL	No Exceedance
MW-375	UA	A7DR	Arsenic, total	mg/L	01/20/16 - 10/16/24	26	3	CI around median	0.00140	0.010	MCL/HBL	No Exceedance
MW-375	UA	A7	Barium, total	mg/L	01/20/16 - 02/07/24	23	0	CI around mean	0.0243	2.0	MCL/HBL	No Exceedance
MW-375	UA	A7R	Barium, total	mg/L	01/20/16 - 04/17/24	24	0	CI around mean	0.0243	2.0	MCL/HBL	No Exceedance
MW-375	UA	A7D	Barium, total	mg/L	01/20/16 - 07/18/24	25	0	CI around geomean	0.0243	2.0	MCL/HBL	No Exceedance
MW-375	UA	A7DR	Barium, total	mg/L	01/20/16 - 10/16/24	26	0	CI around mean	0.0245	2.0	MCL/HBL	No Exceedance
MW-375	UA	A7	Beryllium, total	mg/L	01/20/16 - 02/07/24	18	100	All ND - Last	0.001	0.004	MCL/HBL	No Exceedance
MW-375	UA	A7R	Beryllium, total	mg/L	01/20/16 - 04/17/24	19	100	All ND - Last	0.001	0.004	MCL/HBL	No Exceedance
MW-375	UA	A7D	Beryllium, total	mg/L	01/20/16 - 07/18/24	20	100	All ND - Last	0.001	0.004	MCL/HBL	No Exceedance
MW-375	UA	A7DR	Beryllium, total	mg/L	01/20/16 - 10/16/24	21	100	All ND - Last	0.001	0.004	MCL/HBL	No Exceedance
MW-375	UA	A7	Cadmium, total	mg/L	01/20/16 - 02/07/24	18	100	All ND - Last	0.001	0.005	MCL/HBL	No Exceedance
MW-375	UA	A7R	Cadmium, total	mg/L	01/20/16 - 04/17/24	19	100	All ND - Last	0.001	0.005	MCL/HBL	No Exceedance
MW-375	UA	A7D	Cadmium, total	mg/L	01/20/16 - 07/18/24	20	100	All ND - Last	0.001	0.005	MCL/HBL	No Exceedance
MW-375	UA	A7DR	Cadmium, total	mg/L	01/20/16 - 10/16/24	21	100	All ND - Last	0.001	0.005	MCL/HBL	No Exceedance
MW-375	UA	A7	Chromium, total	mg/L	01/20/16 - 02/07/24	23	100	All ND - Last	0.0015	0.1	MCL/HBL	No Exceedance
MW-375	UA	A7R	Chromium, total	mg/L	01/20/16 - 04/17/24	24	100	All ND - Last	0.0015	0.1	MCL/HBL	No Exceedance
MW-375	UA	A7D	Chromium, total	mg/L	01/20/16 - 07/18/24	25	100	All ND - Last	0.0015	0.1	MCL/HBL	No Exceedance
MW-375	UA	A7DR	Chromium, total	mg/L	01/20/16 - 10/16/24	26	100	All ND - Last	0.0015	0.1	MCL/HBL	No Exceedance
MW-375	UA	A7	Cobalt, total	mg/L	01/20/16 - 02/07/24	21	100	All ND - Last	0.001	0.006	MCL/HBL	No Exceedance
MW-375	UA	A7R	Cobalt, total	mg/L	01/20/16 - 04/17/24	22	100	All ND - Last	0.001	0.006	MCL/HBL	No Exceedance
MW-375	UA	A7D	Cobalt, total	mg/L	01/20/16 - 07/18/24	23	100	All ND - Last	0.001	0.006	MCL/HBL	No Exceedance
MW-375	UA	A7DR	Cobalt, total	mg/L	01/20/16 - 10/16/24	24	100	All ND - Last	0.001	0.006	MCL/HBL	No Exceedance
MW-375	UA	A7	Fluoride, total	mg/L	01/20/16 - 02/07/24	24	0	CI around mean	2.23	4.0	MCL/HBL	No Exceedance
MW-375	UA	A7R	Fluoride, total	mg/L	01/20/16 - 04/17/24	25	0	CB around linear reg	2.36	4.0	MCL/HBL	No Exceedance

TABLE 6
DETERMINATION OF STATISTICALLY SIGNIFICANT LEVELS
2024 40 C.F.R. § 257 ANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT
BALDWIN POWER PLANT
FLY ASH POND SYSTEM
BALDWIN, IL

Well ID	HSU	Event ID	Parameter	Unit	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	SSL Type
MW-375	UA	A7D	Fluoride, total	mg/L	01/20/16 - 07/18/24	26	0	CB around linear reg	2.36	4.0	MCL/HBL	No Exceedance
MW-375	UA	A7DR	Fluoride, total	mg/L	01/20/16 - 10/16/24	27	0	CB around linear reg	2.36	4.0	MCL/HBL	No Exceedance
MW-375	UA	A7	Lead, total	mg/L	01/20/16 - 02/07/24	20	100	All ND - Last	0.001	0.015	MCL/HBL	No Exceedance
MW-375	UA	A7R	Lead, total	mg/L	01/20/16 - 04/17/24	21	95	CI around median	0.00100	0.015	MCL/HBL	No Exceedance
MW-375	UA	A7D	Lead, total	mg/L	01/20/16 - 07/18/24	22	95	CI around median	0.00100	0.015	MCL/HBL	No Exceedance
MW-375	UA	A7DR	Lead, total	mg/L	01/20/16 - 10/16/24	23	95	CI around median	0.00100	0.015	MCL/HBL	No Exceedance
MW-375	UA	A7	Lithium, total	mg/L	01/20/16 - 02/07/24	23	0	CB around linear reg	0.0694	0.123	Background	No Exceedance
MW-375	UA	A7R	Lithium, total	mg/L	01/20/16 - 04/17/24	24	0	CB around linear reg	0.0689	0.123	Background	No Exceedance
MW-375	UA	A7D	Lithium, total	mg/L	01/20/16 - 07/18/24	25	0	CB around linear reg	0.0685	0.123	Background	No Exceedance
MW-375	UA	A7DR	Lithium, total	mg/L	01/20/16 - 10/16/24	26	0	CB around linear reg	0.0681	0.123	Background	No Exceedance
MW-375	UA	A7	Mercury, total	mg/L	01/20/16 - 02/07/24	18	100	All ND - Last	0.0002	0.002	MCL/HBL	No Exceedance
MW-375	UA	A7R	Mercury, total	mg/L	01/20/16 - 04/17/24	19	100	All ND - Last	0.0002	0.002	MCL/HBL	No Exceedance
MW-375	UA	A7D	Mercury, total	mg/L	01/20/16 - 07/18/24	20	100	All ND - Last	0.0002	0.002	MCL/HBL	No Exceedance
MW-375	UA	A7DR	Mercury, total	mg/L	01/20/16 - 10/16/24	21	100	All ND - Last	0.0002	0.002	MCL/HBL	No Exceedance
MW-375	UA	A7	Molybdenum, total	mg/L	01/20/16 - 02/07/24	23	0	CI around mean	0.0249	0.1	MCL/HBL	No Exceedance
MW-375	UA	A7R	Molybdenum, total	mg/L	01/20/16 - 04/17/24	24	0	CI around mean	0.0247	0.1	MCL/HBL	No Exceedance
MW-375	UA	A7D	Molybdenum, total	mg/L	01/20/16 - 07/18/24	25	0	CI around mean	0.0242	0.1	MCL/HBL	No Exceedance
MW-375	UA	A7DR	Molybdenum, total	mg/L	01/20/16 - 10/16/24	26	0	CI around mean	0.0242	0.1	MCL/HBL	No Exceedance
MW-375	UA	A7	Radium 226 + Radium 228, total	pCi/L	01/20/16 - 02/07/24	23	0	CI around median	0.248	5	MCL/HBL	No Exceedance
MW-375	UA	A7R	Radium 226 + Radium 228, total	pCi/L	01/20/16 - 04/17/24	24	0	CI around median	0.280	5	MCL/HBL	No Exceedance
MW-375	UA	A7D	Radium 226 + Radium 228, total	pCi/L	01/20/16 - 07/18/24	25	0	CI around median	0.248	5	MCL/HBL	No Exceedance
MW-375	UA	A7DR	Radium 226 + Radium 228, total	pCi/L	01/20/16 - 10/16/24	26	0	CI around median	0.280	5	MCL/HBL	No Exceedance
MW-375	UA	A7	Selenium, total	mg/L	01/20/16 - 02/07/24	23	91	CI around median	0.00100	0.05	MCL/HBL	No Exceedance
MW-375	UA	A7R	Selenium, total	mg/L	01/20/16 - 04/17/24	24	91	CI around median	0.00100	0.05	MCL/HBL	No Exceedance
MW-375	UA	A7D	Selenium, total	mg/L	01/20/16 - 07/18/24	25	92	CI around median	0.00100	0.05	MCL/HBL	No Exceedance
MW-375	UA	A7DR	Selenium, total	mg/L	01/20/16 - 10/16/24	26	92	CI around median	0.00100	0.05	MCL/HBL	No Exceedance
MW-375	UA	A7	Thallium, total	mg/L	01/20/16 - 02/07/24	20	100	All ND - Last	0.002	0.002	MCL/HBL	No Exceedance

TABLE 6
DETERMINATION OF STATISTICALLY SIGNIFICANT LEVELS
2024 40 C.F.R. § 257 ANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT
BALDWIN POWER PLANT
FLY ASH POND SYSTEM
BALDWIN, IL

Well ID	HSU	Event ID	Parameter	Unit	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	SSL Type
MW-375	UA	A7R	Thallium, total	mg/L	01/20/16 - 04/17/24	21	100	All ND - Last	0.002	0.002	MCL/HBL	No Exceedance
MW-375	UA	A7D	Thallium, total	mg/L	01/20/16 - 07/18/24	22	100	All ND - Last	0.002	0.002	MCL/HBL	No Exceedance
MW-375	UA	A7DR	Thallium, total	mg/L	01/20/16 - 10/16/24	23	100	All ND - Last	0.002	0.002	MCL/HBL	No Exceedance
MW-377	UA	A7	Antimony, total	mg/L	01/19/16 - 02/07/24	23	100	All ND - Last	0.001	0.006	MCL/HBL	No Exceedance
MW-377	UA	A7R	Antimony, total	mg/L	01/19/16 - 04/17/24	24	95	Most recent sample	0.00100	0.006	MCL/HBL	No Exceedance
MW-377	UA	A7D	Antimony, total	mg/L	01/19/16 - 07/18/24	25	96	Most recent sample	0.00100	0.006	MCL/HBL	No Exceedance
MW-377	UA	A7DR	Antimony, total	mg/L	01/19/16 - 10/16/24	26	96	Most recent sample	0.00100	0.006	MCL/HBL	No Exceedance
MW-377	UA	A7	Arsenic, total	mg/L	01/19/16 - 02/07/24	23	78	CI around median	0.00100	0.010	MCL/HBL	No Exceedance
MW-377	UA	A7R	Arsenic, total	mg/L	01/19/16 - 04/17/24	24	79	CI around median	0.00100	0.010	MCL/HBL	No Exceedance
MW-377	UA	A7D	Arsenic, total	mg/L	01/19/16 - 07/18/24	25	80	CI around median	0.00100	0.010	MCL/HBL	No Exceedance
MW-377	UA	A7DR	Arsenic, total	mg/L	01/19/16 - 10/16/24	26	80	CI around median	0.00100	0.010	MCL/HBL	No Exceedance
MW-377	UA	A7	Barium, total	mg/L	01/19/16 - 02/07/24	23	0	CI around mean	0.0601	2.0	MCL/HBL	No Exceedance
MW-377	UA	A7R	Barium, total	mg/L	01/19/16 - 04/17/24	24	0	CI around mean	0.0603	2.0	MCL/HBL	No Exceedance
MW-377	UA	A7D	Barium, total	mg/L	01/19/16 - 07/18/24	25	0	CI around mean	0.0601	2.0	MCL/HBL	No Exceedance
MW-377	UA	A7DR	Barium, total	mg/L	01/19/16 - 10/16/24	26	0	CI around mean	0.0604	2.0	MCL/HBL	No Exceedance
MW-377	UA	A7	Beryllium, total	mg/L	01/19/16 - 02/07/24	18	100	All ND - Last	0.001	0.004	MCL/HBL	No Exceedance
MW-377	UA	A7R	Beryllium, total	mg/L	01/19/16 - 04/17/24	19	100	All ND - Last	0.001	0.004	MCL/HBL	No Exceedance
MW-377	UA	A7D	Beryllium, total	mg/L	01/19/16 - 07/18/24	20	100	All ND - Last	0.001	0.004	MCL/HBL	No Exceedance
MW-377	UA	A7DR	Beryllium, total	mg/L	01/19/16 - 10/16/24	21	100	All ND - Last	0.001	0.004	MCL/HBL	No Exceedance
MW-377	UA	A7	Cadmium, total	mg/L	01/19/16 - 02/07/24	18	100	All ND - Last	0.001	0.005	MCL/HBL	No Exceedance
MW-377	UA	A7R	Cadmium, total	mg/L	01/19/16 - 04/17/24	19	100	All ND - Last	0.001	0.005	MCL/HBL	No Exceedance
MW-377	UA	A7D	Cadmium, total	mg/L	01/19/16 - 07/18/24	20	100	All ND - Last	0.001	0.005	MCL/HBL	No Exceedance
MW-377	UA	A7DR	Cadmium, total	mg/L	01/19/16 - 10/16/24	21	100	All ND - Last	0.001	0.005	MCL/HBL	No Exceedance
MW-377	UA	A7	Chromium, total	mg/L	01/19/16 - 02/07/24	23	95	CB around T-S line	0.00143	0.1	MCL/HBL	No Exceedance
MW-377	UA	A7R	Chromium, total	mg/L	01/19/16 - 04/17/24	24	95	CB around T-S line	0.00144	0.1	MCL/HBL	No Exceedance
MW-377	UA	A7D	Chromium, total	mg/L	01/19/16 - 07/18/24	25	96	CB around T-S line	0.00143	0.1	MCL/HBL	No Exceedance
MW-377	UA	A7DR	Chromium, total	mg/L	01/19/16 - 10/16/24	26	96	CB around T-S line	0.00145	0.1	MCL/HBL	No Exceedance

TABLE 6
DETERMINATION OF STATISTICALLY SIGNIFICANT LEVELS
2024 40 C.F.R. § 257 ANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT
BALDWIN POWER PLANT
FLY ASH POND SYSTEM
BALDWIN, IL

Well ID	HSU	Event ID	Parameter	Unit	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	SSL Type
MW-377	UA	A7	Cobalt, total	mg/L	01/19/16 - 02/07/24	21	95	CI around median	0.00100	0.006	MCL/HBL	No Exceedance
MW-377	UA	A7R	Cobalt, total	mg/L	01/19/16 - 04/17/24	22	95	CI around median	0.00100	0.006	MCL/HBL	No Exceedance
MW-377	UA	A7D	Cobalt, total	mg/L	01/19/16 - 07/18/24	23	95	CI around median	0.00100	0.006	MCL/HBL	No Exceedance
MW-377	UA	A7DR	Cobalt, total	mg/L	01/19/16 - 10/16/24	24	95	CI around median	0.00100	0.006	MCL/HBL	No Exceedance
MW-377	UA	A7	Fluoride, total	mg/L	01/19/16 - 02/07/24	24	0	CB around linear reg	1.15	4.0	MCL/HBL	No Exceedance
MW-377	UA	A7R	Fluoride, total	mg/L	01/19/16 - 04/17/24	25	0	CB around linear reg	1.14	4.0	MCL/HBL	No Exceedance
MW-377	UA	A7D	Fluoride, total	mg/L	01/19/16 - 07/18/24	26	0	CB around linear reg	1.16	4.0	MCL/HBL	No Exceedance
MW-377	UA	A7DR	Fluoride, total	mg/L	01/19/16 - 10/16/24	27	0	CB around linear reg	1.17	4.0	MCL/HBL	No Exceedance
MW-377	UA	A7	Lead, total	mg/L	01/19/16 - 02/07/24	20	100	All ND - Last	0.001	0.015	MCL/HBL	No Exceedance
MW-377	UA	A7R	Lead, total	mg/L	01/19/16 - 04/17/24	21	100	All ND - Last	0.001	0.015	MCL/HBL	No Exceedance
MW-377	UA	A7D	Lead, total	mg/L	01/19/16 - 07/18/24	22	100	All ND - Last	0.001	0.015	MCL/HBL	No Exceedance
MW-377	UA	A7DR	Lead, total	mg/L	01/19/16 - 10/16/24	23	100	All ND - Last	0.001	0.015	MCL/HBL	No Exceedance
MW-377	UA	A7	Lithium, total	mg/L	01/19/16 - 02/07/24	23	0	CB around linear reg	0.0576	0.123	Background	No Exceedance
MW-377	UA	A7R	Lithium, total	mg/L	01/19/16 - 04/17/24	24	0	CB around linear reg	0.0581	0.123	Background	No Exceedance
MW-377	UA	A7D	Lithium, total	mg/L	01/19/16 - 07/18/24	25	0	CB around linear reg	0.0585	0.123	Background	No Exceedance
MW-377	UA	A7DR	Lithium, total	mg/L	01/19/16 - 10/16/24	26	0	CB around linear reg	0.0591	0.123	Background	No Exceedance
MW-377	UA	A7	Mercury, total	mg/L	01/19/16 - 02/07/24	18	100	All ND - Last	0.0002	0.002	MCL/HBL	No Exceedance
MW-377	UA	A7R	Mercury, total	mg/L	01/19/16 - 04/17/24	19	100	All ND - Last	0.0002	0.002	MCL/HBL	No Exceedance
MW-377	UA	A7D	Mercury, total	mg/L	01/19/16 - 07/18/24	20	100	All ND - Last	0.0002	0.002	MCL/HBL	No Exceedance
MW-377	UA	A7DR	Mercury, total	mg/L	01/19/16 - 10/16/24	21	100	All ND - Last	0.0002	0.002	MCL/HBL	No Exceedance
MW-377	UA	A7	Molybdenum, total	mg/L	01/19/16 - 02/07/24	23	65	CB around T-S line	0.000678	0.1	MCL/HBL	No Exceedance
MW-377	UA	A7R	Molybdenum, total	mg/L	01/19/16 - 04/17/24	24	66	CB around T-S line	0.000708	0.1	MCL/HBL	No Exceedance
MW-377	UA	A7D	Molybdenum, total	mg/L	01/19/16 - 07/18/24	25	68	CB around T-S line	0.000664	0.1	MCL/HBL	No Exceedance
MW-377	UA	A7DR	Molybdenum, total	mg/L	01/19/16 - 10/16/24	26	69	CB around T-S line	0.000758	0.1	MCL/HBL	No Exceedance
MW-377	UA	A7	Radium 226 + Radium 228, total	pCi/L	01/19/16 - 02/07/24	23	0	CI around mean	0.377	5	MCL/HBL	No Exceedance
MW-377	UA	A7R	Radium 226 + Radium 228, total	pCi/L	01/19/16 - 04/17/24	24	0	CI around mean	0.399	5	MCL/HBL	No Exceedance
MW-377	UA	A7D	Radium 226 + Radium 228, total	pCi/L	01/19/16 - 07/18/24	25	0	CI around mean	0.396	5	MCL/HBL	No Exceedance

TABLE 6
DETERMINATION OF STATISTICALLY SIGNIFICANT LEVELS
2024 40 C.F.R. § 257 ANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT
BALDWIN POWER PLANT
FLY ASH POND SYSTEM
BALDWIN, IL

Well ID	HSU	Event ID	Parameter	Unit	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	SSL Type
MW-377	UA	A7DR	Radium 226 + Radium 228, total	pCi/L	01/19/16 - 10/16/24	26	0	CI around mean	0.408	5	MCL/HBL	No Exceedance
MW-377	UA	A7	Selenium, total	mg/L	01/19/16 - 02/07/24	23	100	All ND - Last	0.001	0.05	MCL/HBL	No Exceedance
MW-377	UA	A7R	Selenium, total	mg/L	01/19/16 - 04/17/24	24	100	All ND - Last	0.001	0.05	MCL/HBL	No Exceedance
MW-377	UA	A7D	Selenium, total	mg/L	01/19/16 - 07/18/24	25	100	All ND - Last	0.001	0.05	MCL/HBL	No Exceedance
MW-377	UA	A7DR	Selenium, total	mg/L	01/19/16 - 10/16/24	26	100	All ND - Last	0.001	0.05	MCL/HBL	No Exceedance
MW-377	UA	A7	Thallium, total	mg/L	01/19/16 - 02/07/24	20	100	All ND - Last	0.002	0.002	MCL/HBL	No Exceedance
MW-377	UA	A7R	Thallium, total	mg/L	01/19/16 - 04/17/24	21	100	All ND - Last	0.002	0.002	MCL/HBL	No Exceedance
MW-377	UA	A7D	Thallium, total	mg/L	01/19/16 - 07/18/24	22	100	All ND - Last	0.002	0.002	MCL/HBL	No Exceedance
MW-377	UA	A7DR	Thallium, total	mg/L	01/19/16 - 10/16/24	23	100	All ND - Last	0.002	0.002	MCL/HBL	No Exceedance
MW-383	UA	A7	Antimony, total	mg/L	01/21/16 - 02/06/24	23	86	CB around T-S line	0.000808	0.006	MCL/HBL	No Exceedance
MW-383	UA	A7R	Antimony, total	mg/L	01/21/16 - 04/17/24	24	87	CB around T-S line	0.000833	0.006	MCL/HBL	No Exceedance
MW-383	UA	A7D	Antimony, total	mg/L	01/21/16 - 07/17/24	25	88	CB around T-S line	0.000822	0.006	MCL/HBL	No Exceedance
MW-383	UA	A7DR	Antimony, total	mg/L	01/21/16 - 10/14/24	26	88	CB around T-S line	0.000838	0.006	MCL/HBL	No Exceedance
MW-383	UA	A7	Arsenic, total	mg/L	01/21/16 - 02/06/24	23	78	CI around median	0.00100	0.010	MCL/HBL	No Exceedance
MW-383	UA	A7R	Arsenic, total	mg/L	01/21/16 - 04/17/24	24	79	CI around median	0.00100	0.010	MCL/HBL	No Exceedance
MW-383	UA	A7D	Arsenic, total	mg/L	01/21/16 - 07/17/24	25	80	CI around median	0.00100	0.010	MCL/HBL	No Exceedance
MW-383	UA	A7DR	Arsenic, total	mg/L	01/21/16 - 10/14/24	26	80	CI around median	0.00100	0.010	MCL/HBL	No Exceedance
MW-383	UA	A7	Barium, total	mg/L	01/21/16 - 02/06/24	23	0	CB around T-S line	0.0453	2.0	MCL/HBL	No Exceedance
MW-383	UA	A7R	Barium, total	mg/L	01/21/16 - 04/17/24	24	0	CB around T-S line	0.0461	2.0	MCL/HBL	No Exceedance
MW-383	UA	A7D	Barium, total	mg/L	01/21/16 - 07/17/24	25	0	CB around T-S line	0.0461	2.0	MCL/HBL	No Exceedance
MW-383	UA	A7DR	Barium, total	mg/L	01/21/16 - 10/14/24	26	0	CB around T-S line	0.0468	2.0	MCL/HBL	No Exceedance
MW-383	UA	A7	Beryllium, total	mg/L	01/21/16 - 02/06/24	18	100	All ND - Last	0.001	0.004	MCL/HBL	No Exceedance
MW-383	UA	A7R	Beryllium, total	mg/L	01/21/16 - 04/17/24	19	100	All ND - Last	0.001	0.004	MCL/HBL	No Exceedance
MW-383	UA	A7D	Beryllium, total	mg/L	01/21/16 - 07/17/24	20	100	All ND - Last	0.001	0.004	MCL/HBL	No Exceedance
MW-383	UA	A7DR	Beryllium, total	mg/L	01/21/16 - 10/14/24	21	100	All ND - Last	0.001	0.004	MCL/HBL	No Exceedance
MW-383	UA	A7	Cadmium, total	mg/L	01/21/16 - 02/06/24	18	100	All ND - Last	0.001	0.005	MCL/HBL	No Exceedance
MW-383	UA	A7R	Cadmium, total	mg/L	01/21/16 - 04/17/24	19	100	All ND - Last	0.001	0.005	MCL/HBL	No Exceedance

TABLE 6
DETERMINATION OF STATISTICALLY SIGNIFICANT LEVELS
2024 40 C.F.R. § 257 ANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT
BALDWIN POWER PLANT
FLY ASH POND SYSTEM
BALDWIN, IL

Well ID	HSU	Event ID	Parameter	Unit	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	SSL Type
MW-383	UA	A7D	Cadmium, total	mg/L	01/21/16 - 07/17/24	20	100	All ND - Last	0.001	0.005	MCL/HBL	No Exceedance
MW-383	UA	A7DR	Cadmium, total	mg/L	01/21/16 - 10/14/24	21	100	All ND - Last	0.001	0.005	MCL/HBL	No Exceedance
MW-383	UA	A7	Chromium, total	mg/L	01/21/16 - 02/06/24	23	91	CB around T-S line	0.00146	0.1	MCL/HBL	No Exceedance
MW-383	UA	A7R	Chromium, total	mg/L	01/21/16 - 04/17/24	24	91	CB around T-S line	0.00145	0.1	MCL/HBL	No Exceedance
MW-383	UA	A7D	Chromium, total	mg/L	01/21/16 - 07/17/24	25	92	CB around T-S line	0.00145	0.1	MCL/HBL	No Exceedance
MW-383	UA	A7DR	Chromium, total	mg/L	01/21/16 - 10/14/24	26	92	CB around T-S line	0.00147	0.1	MCL/HBL	No Exceedance
MW-383	UA	A7	Cobalt, total	mg/L	01/21/16 - 02/06/24	21	100	All ND - Last	0.001	0.006	MCL/HBL	No Exceedance
MW-383	UA	A7R	Cobalt, total	mg/L	01/21/16 - 04/17/24	22	100	All ND - Last	0.001	0.006	MCL/HBL	No Exceedance
MW-383	UA	A7D	Cobalt, total	mg/L	01/21/16 - 07/17/24	23	100	All ND - Last	0.001	0.006	MCL/HBL	No Exceedance
MW-383	UA	A7DR	Cobalt, total	mg/L	01/21/16 - 10/14/24	24	100	All ND - Last	0.001	0.006	MCL/HBL	No Exceedance
MW-383	UA	A7	Fluoride, total	mg/L	01/21/16 - 02/06/24	24	0	CI around mean	0.732	4.0	MCL/HBL	No Exceedance
MW-383	UA	A7R	Fluoride, total	mg/L	01/21/16 - 04/17/24	25	0	CI around mean	0.735	4.0	MCL/HBL	No Exceedance
MW-383	UA	A7D	Fluoride, total	mg/L	01/21/16 - 07/17/24	26	0	CI around mean	0.733	4.0	MCL/HBL	No Exceedance
MW-383	UA	A7DR	Fluoride, total	mg/L	01/21/16 - 10/14/24	27	0	CB around linear reg	0.667	4.0	MCL/HBL	No Exceedance
MW-383	UA	A7	Lead, total	mg/L	01/21/16 - 02/06/24	20	95	CI around median	0.00100	0.015	MCL/HBL	No Exceedance
MW-383	UA	A7R	Lead, total	mg/L	01/21/16 - 04/17/24	21	95	CI around median	0.00100	0.015	MCL/HBL	No Exceedance
MW-383	UA	A7D	Lead, total	mg/L	01/21/16 - 07/17/24	22	95	CI around median	0.00100	0.015	MCL/HBL	No Exceedance
MW-383	UA	A7DR	Lead, total	mg/L	01/21/16 - 10/14/24	23	95	CI around median	0.00100	0.015	MCL/HBL	No Exceedance
MW-383	UA	A7	Lithium, total	mg/L	01/21/16 - 02/06/24	23	0	CI around mean	0.0336	0.123	Background	No Exceedance
MW-383	UA	A7R	Lithium, total	mg/L	01/21/16 - 04/17/24	24	0	CI around mean	0.0338	0.123	Background	No Exceedance
MW-383	UA	A7D	Lithium, total	mg/L	01/21/16 - 07/17/24	25	0	CI around mean	0.0339	0.123	Background	No Exceedance
MW-383	UA	A7DR	Lithium, total	mg/L	01/21/16 - 10/14/24	26	0	CI around mean	0.0342	0.123	Background	No Exceedance
MW-383	UA	A7	Mercury, total	mg/L	01/21/16 - 02/06/24	18	100	All ND - Last	0.0002	0.002	MCL/HBL	No Exceedance
MW-383	UA	A7R	Mercury, total	mg/L	01/21/16 - 04/17/24	19	100	All ND - Last	0.0002	0.002	MCL/HBL	No Exceedance
MW-383	UA	A7D	Mercury, total	mg/L	01/21/16 - 07/17/24	20	100	All ND - Last	0.0002	0.002	MCL/HBL	No Exceedance
MW-383	UA	A7DR	Mercury, total	mg/L	01/21/16 - 10/14/24	21	100	All ND - Last	0.0002	0.002	MCL/HBL	No Exceedance
MW-383	UA	A7	Molybdenum, total	mg/L	01/21/16 - 02/06/24	23	0	CI around mean	0.0106	0.1	MCL/HBL	No Exceedance

TABLE 6
DETERMINATION OF STATISTICALLY SIGNIFICANT LEVELS
2024 40 C.F.R. § 257 ANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT
BALDWIN POWER PLANT
FLY ASH POND SYSTEM
BALDWIN, IL

Well ID	HSU	Event ID	Parameter	Unit	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	SSL Type
MW-383	UA	A7R	Molybdenum, total	mg/L	01/21/16 - 04/17/24	24	0	CI around geomean	0.0104	0.1	MCL/HBL	No Exceedance
MW-383	UA	A7D	Molybdenum, total	mg/L	01/21/16 - 07/17/24	25	0	CI around geomean	0.0104	0.1	MCL/HBL	No Exceedance
MW-383	UA	A7DR	Molybdenum, total	mg/L	01/21/16 - 10/14/24	26	0	CI around geomean	0.0103	0.1	MCL/HBL	No Exceedance
MW-383	UA	A7	Radium 226 + Radium 228, total	pCi/L	01/21/16 - 02/06/24	23	0	CI around geomean	0.256	5	MCL/HBL	No Exceedance
MW-383	UA	A7R	Radium 226 + Radium 228, total	pCi/L	01/21/16 - 04/17/24	24	0	CI around geomean	0.262	5	MCL/HBL	No Exceedance
MW-383	UA	A7D	Radium 226 + Radium 228, total	pCi/L	01/21/16 - 07/17/24	25	0	CI around geomean	0.256	5	MCL/HBL	No Exceedance
MW-383	UA	A7DR	Radium 226 + Radium 228, total	pCi/L	01/21/16 - 10/14/24	26	0	CI around geomean	0.260	5	MCL/HBL	No Exceedance
MW-383	UA	A7	Selenium, total	mg/L	01/21/16 - 02/06/24	23	95	CI around median	0.00100	0.05	MCL/HBL	No Exceedance
MW-383	UA	A7R	Selenium, total	mg/L	01/21/16 - 04/17/24	24	95	CI around median	0.00100	0.05	MCL/HBL	No Exceedance
MW-383	UA	A7D	Selenium, total	mg/L	01/21/16 - 07/17/24	25	96	CI around median	0.00100	0.05	MCL/HBL	No Exceedance
MW-383	UA	A7DR	Selenium, total	mg/L	01/21/16 - 10/14/24	26	96	CI around median	0.00100	0.05	MCL/HBL	No Exceedance
MW-383	UA	A7	Thallium, total	mg/L	01/21/16 - 02/06/24	20	100	All ND - Last	0.002	0.002	MCL/HBL	No Exceedance
MW-383	UA	A7R	Thallium, total	mg/L	01/21/16 - 04/17/24	21	100	All ND - Last	0.002	0.002	MCL/HBL	No Exceedance
MW-383	UA	A7D	Thallium, total	mg/L	01/21/16 - 07/17/24	22	100	All ND - Last	0.002	0.002	MCL/HBL	No Exceedance
MW-383	UA	A7DR	Thallium, total	mg/L	01/21/16 - 10/14/24	23	100	All ND - Last	0.002	0.002	MCL/HBL	No Exceedance
MW-384	UA	A7	Antimony, total	mg/L	01/21/16 - 02/06/24	23	100	All ND - Last	0.001	0.006	MCL/HBL	No Exceedance
MW-384	UA	A7R	Antimony, total	mg/L	01/21/16 - 04/17/24	24	100	All ND - Last	0.001	0.006	MCL/HBL	No Exceedance
MW-384	UA	A7D	Antimony, total	mg/L	01/21/16 - 07/17/24	25	100	All ND - Last	0.001	0.006	MCL/HBL	No Exceedance
MW-384	UA	A7DR	Antimony, total	mg/L	01/21/16 - 10/14/24	26	100	All ND - Last	0.001	0.006	MCL/HBL	No Exceedance
MW-384	UA	A7	Arsenic, total	mg/L	01/21/16 - 02/06/24	23	100	All ND - Last	0.001	0.010	MCL/HBL	No Exceedance
MW-384	UA	A7R	Arsenic, total	mg/L	01/21/16 - 04/17/24	24	100	All ND - Last	0.001	0.010	MCL/HBL	No Exceedance
MW-384	UA	A7D	Arsenic, total	mg/L	01/21/16 - 07/17/24	25	100	All ND - Last	0.001	0.010	MCL/HBL	No Exceedance
MW-384	UA	A7DR	Arsenic, total	mg/L	01/21/16 - 10/14/24	26	100	All ND - Last	0.001	0.010	MCL/HBL	No Exceedance
MW-384	UA	A7	Barium, total	mg/L	01/21/16 - 02/06/24	23	0	CB around T-S line	0.0307	2.0	MCL/HBL	No Exceedance
MW-384	UA	A7R	Barium, total	mg/L	01/21/16 - 04/17/24	24	0	CB around T-S line	0.0318	2.0	MCL/HBL	No Exceedance
MW-384	UA	A7D	Barium, total	mg/L	01/21/16 - 07/17/24	25	0	CB around T-S line	0.0340	2.0	MCL/HBL	No Exceedance
MW-384	UA	A7DR	Barium, total	mg/L	01/21/16 - 10/14/24	26	0	CB around T-S line	0.0348	2.0	MCL/HBL	No Exceedance

TABLE 6
DETERMINATION OF STATISTICALLY SIGNIFICANT LEVELS
2024 40 C.F.R. § 257 ANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT
BALDWIN POWER PLANT
FLY ASH POND SYSTEM
BALDWIN, IL

Well ID	HSU	Event ID	Parameter	Unit	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	SSL Type
MW-384	UA	A7	Beryllium, total	mg/L	01/21/16 - 02/06/24	18	100	All ND - Last	0.001	0.004	MCL/HBL	No Exceedance
MW-384	UA	A7R	Beryllium, total	mg/L	01/21/16 - 04/17/24	19	100	All ND - Last	0.001	0.004	MCL/HBL	No Exceedance
MW-384	UA	A7D	Beryllium, total	mg/L	01/21/16 - 07/17/24	20	100	All ND - Last	0.001	0.004	MCL/HBL	No Exceedance
MW-384	UA	A7DR	Beryllium, total	mg/L	01/21/16 - 10/14/24	21	100	All ND - Last	0.001	0.004	MCL/HBL	No Exceedance
MW-384	UA	A7	Cadmium, total	mg/L	01/21/16 - 02/06/24	18	100	All ND - Last	0.001	0.005	MCL/HBL	No Exceedance
MW-384	UA	A7R	Cadmium, total	mg/L	01/21/16 - 04/17/24	19	100	All ND - Last	0.001	0.005	MCL/HBL	No Exceedance
MW-384	UA	A7D	Cadmium, total	mg/L	01/21/16 - 07/17/24	20	100	All ND - Last	0.001	0.005	MCL/HBL	No Exceedance
MW-384	UA	A7DR	Cadmium, total	mg/L	01/21/16 - 10/14/24	21	100	All ND - Last	0.001	0.005	MCL/HBL	No Exceedance
MW-384	UA	A7	Chromium, total	mg/L	01/21/16 - 02/06/24	23	91	CB around T-S line	0.00146	0.1	MCL/HBL	No Exceedance
MW-384	UA	A7R	Chromium, total	mg/L	01/21/16 - 04/17/24	24	91	CB around T-S line	0.00145	0.1	MCL/HBL	No Exceedance
MW-384	UA	A7D	Chromium, total	mg/L	01/21/16 - 07/17/24	25	88	CB around T-S line	0.00150	0.1	MCL/HBL	No Exceedance
MW-384	UA	A7DR	Chromium, total	mg/L	01/21/16 - 10/14/24	26	84	CB around T-S line	0.00149	0.1	MCL/HBL	No Exceedance
MW-384	UA	A7	Cobalt, total	mg/L	01/21/16 - 02/06/24	21	95	Most recent sample	0.00100	0.006	MCL/HBL	No Exceedance
MW-384	UA	A7R	Cobalt, total	mg/L	01/21/16 - 04/17/24	22	95	Most recent sample	0.00100	0.006	MCL/HBL	No Exceedance
MW-384	UA	A7D	Cobalt, total	mg/L	01/21/16 - 07/17/24	23	95	Most recent sample	0.00100	0.006	MCL/HBL	No Exceedance
MW-384	UA	A7DR	Cobalt, total	mg/L	01/21/16 - 10/14/24	24	95	Most recent sample	0.00100	0.006	MCL/HBL	No Exceedance
MW-384	UA	A7	Fluoride, total	mg/L	01/21/16 - 02/06/24	24	0	CB around linear reg	3.97	4.0	MCL/HBL	No Exceedance
MW-384	UA	A7R	Fluoride, total	mg/L	01/21/16 - 04/17/24	25	0	CB around linear reg	4.08	4.0	MCL/HBL	Exceedance Not Confirmed
MW-384	UA	A7D	Fluoride, total	mg/L	01/21/16 - 07/17/24	26	0	CB around linear reg	4.19	4.0	MCL/HBL	Reported
MW-384	UA	A7DR	Fluoride, total	mg/L	01/21/16 - 10/14/24	27	0	CB around linear reg	4.21	4.0	MCL/HBL	Confirmed
MW-384	UA	A7	Lead, total	mg/L	01/21/16 - 02/06/24	20	95	CI around median	0.00100	0.015	MCL/HBL	No Exceedance
MW-384	UA	A7R	Lead, total	mg/L	01/21/16 - 04/17/24	21	95	CI around median	0.00100	0.015	MCL/HBL	No Exceedance
MW-384	UA	A7D	Lead, total	mg/L	01/21/16 - 07/17/24	22	95	CI around median	0.00100	0.015	MCL/HBL	No Exceedance
MW-384	UA	A7DR	Lead, total	mg/L	01/21/16 - 10/14/24	23	95	CI around median	0.00100	0.015	MCL/HBL	No Exceedance
MW-384	UA	A7	Lithium, total	mg/L	01/21/16 - 02/06/24	23	0	CB around linear reg	0.0425	0.123	Background	No Exceedance
MW-384	UA	A7R	Lithium, total	mg/L	01/21/16 - 04/17/24	24	0	CB around linear reg	0.0426	0.123	Background	No Exceedance

TABLE 6
DETERMINATION OF STATISTICALLY SIGNIFICANT LEVELS
2024 40 C.F.R. § 257 ANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT
BALDWIN POWER PLANT
FLY ASH POND SYSTEM
BALDWIN, IL

Well ID	HSU	Event ID	Parameter	Unit	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	SSL Type
MW-384	UA	A7D	Lithium, total	mg/L	01/21/16 - 07/17/24	25	0	CB around linear reg	0.0422	0.123	Background	No Exceedance
MW-384	UA	A7DR	Lithium, total	mg/L	01/21/16 - 10/14/24	26	0	CB around linear reg	0.0433	0.123	Background	No Exceedance
MW-384	UA	A7	Mercury, total	mg/L	01/21/16 - 02/06/24	18	100	All ND - Last	0.0002	0.002	MCL/HBL	No Exceedance
MW-384	UA	A7R	Mercury, total	mg/L	01/21/16 - 04/17/24	19	100	All ND - Last	0.0002	0.002	MCL/HBL	No Exceedance
MW-384	UA	A7D	Mercury, total	mg/L	01/21/16 - 07/17/24	20	100	All ND - Last	0.0002	0.002	MCL/HBL	No Exceedance
MW-384	UA	A7DR	Mercury, total	mg/L	01/21/16 - 10/14/24	21	100	All ND - Last	0.0002	0.002	MCL/HBL	No Exceedance
MW-384	UA	A7	Molybdenum, total	mg/L	01/21/16 - 02/06/24	23	0	CI around mean	0.0180	0.1	MCL/HBL	No Exceedance
MW-384	UA	A7R	Molybdenum, total	mg/L	01/21/16 - 04/17/24	24	0	CI around mean	0.0177	0.1	MCL/HBL	No Exceedance
MW-384	UA	A7D	Molybdenum, total	mg/L	01/21/16 - 07/17/24	25	0	CI around mean	0.0174	0.1	MCL/HBL	No Exceedance
MW-384	UA	A7DR	Molybdenum, total	mg/L	01/21/16 - 10/14/24	26	0	CI around geomean	0.0160	0.1	MCL/HBL	No Exceedance
MW-384	UA	A7	Radium 226 + Radium 228, total	pCi/L	01/21/16 - 02/06/24	23	0	CI around geomean	0.363	5	MCL/HBL	No Exceedance
MW-384	UA	A7R	Radium 226 + Radium 228, total	pCi/L	01/21/16 - 04/17/24	24	0	CI around geomean	0.366	5	MCL/HBL	No Exceedance
MW-384	UA	A7D	Radium 226 + Radium 228, total	pCi/L	01/21/16 - 07/17/24	25	0	CI around geomean	0.376	5	MCL/HBL	No Exceedance
MW-384	UA	A7DR	Radium 226 + Radium 228, total	pCi/L	01/21/16 - 10/14/24	26	0	CI around geomean	0.309	5	MCL/HBL	No Exceedance
MW-384	UA	A7	Selenium, total	mg/L	01/21/16 - 02/06/24	23	100	All ND - Last	0.001	0.05	MCL/HBL	No Exceedance
MW-384	UA	A7R	Selenium, total	mg/L	01/21/16 - 04/17/24	24	100	All ND - Last	0.001	0.05	MCL/HBL	No Exceedance
MW-384	UA	A7D	Selenium, total	mg/L	01/21/16 - 07/17/24	25	100	All ND - Last	0.001	0.05	MCL/HBL	No Exceedance
MW-384	UA	A7DR	Selenium, total	mg/L	01/21/16 - 10/14/24	26	100	All ND - Last	0.001	0.05	MCL/HBL	No Exceedance
MW-384	UA	A7	Thallium, total	mg/L	01/21/16 - 02/06/24	20	100	All ND - Last	0.002	0.002	MCL/HBL	No Exceedance
MW-384	UA	A7R	Thallium, total	mg/L	01/21/16 - 04/17/24	21	100	All ND - Last	0.002	0.002	MCL/HBL	No Exceedance
MW-384	UA	A7D	Thallium, total	mg/L	01/21/16 - 07/17/24	22	100	All ND - Last	0.002	0.002	MCL/HBL	No Exceedance
MW-384	UA	A7DR	Thallium, total	mg/L	01/21/16 - 10/14/24	23	100	All ND - Last	0.002	0.002	MCL/HBL	No Exceedance
MW-390	UA	A7	Antimony, total	mg/L	03/22/16 - 02/06/24	23	95	CI around median	0.00100	0.006	MCL/HBL	No Exceedance
MW-390	UA	A7R	Antimony, total	mg/L	03/22/16 - 04/16/24	24	95	CI around median	0.00100	0.006	MCL/HBL	No Exceedance
MW-390	UA	A7D	Antimony, total	mg/L	03/22/16 - 07/17/24	25	96	CI around median	0.00100	0.006	MCL/HBL	No Exceedance
MW-390	UA	A7DR	Antimony, total	mg/L	03/22/16 - 10/15/24	26	96	CI around median	0.00100	0.006	MCL/HBL	No Exceedance
MW-390	UA	A7	Arsenic, total	mg/L	03/22/16 - 02/06/24	23	8	CI around geomean	0.00128	0.010	MCL/HBL	No Exceedance

TABLE 6
DETERMINATION OF STATISTICALLY SIGNIFICANT LEVELS
2024 40 C.F.R. § 257 ANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT
BALDWIN POWER PLANT
FLY ASH POND SYSTEM
BALDWIN, IL

Well ID	HSU	Event ID	Parameter	Unit	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	SSL Type
MW-390	UA	A7R	Arsenic, total	mg/L	03/22/16 - 04/16/24	24	8	CI around geomean	0.00130	0.010	MCL/HBL	No Exceedance
MW-390	UA	A7D	Arsenic, total	mg/L	03/22/16 - 07/17/24	25	12	CI around median	0.00130	0.010	MCL/HBL	No Exceedance
MW-390	UA	A7DR	Arsenic, total	mg/L	03/22/16 - 10/15/24	26	15	CI around median	0.00130	0.010	MCL/HBL	No Exceedance
MW-390	UA	A7	Barium, total	mg/L	03/22/16 - 02/06/24	23	0	CI around mean	0.0448	2.0	MCL/HBL	No Exceedance
MW-390	UA	A7R	Barium, total	mg/L	03/22/16 - 04/16/24	24	0	CI around mean	0.0465	2.0	MCL/HBL	No Exceedance
MW-390	UA	A7D	Barium, total	mg/L	03/22/16 - 07/17/24	25	0	CI around mean	0.0472	2.0	MCL/HBL	No Exceedance
MW-390	UA	A7DR	Barium, total	mg/L	03/22/16 - 10/15/24	26	0	CI around mean	0.0483	2.0	MCL/HBL	No Exceedance
MW-390	UA	A7	Beryllium, total	mg/L	03/22/16 - 02/06/24	18	100	All ND - Last	0.001	0.004	MCL/HBL	No Exceedance
MW-390	UA	A7R	Beryllium, total	mg/L	03/22/16 - 04/16/24	19	100	All ND - Last	0.001	0.004	MCL/HBL	No Exceedance
MW-390	UA	A7D	Beryllium, total	mg/L	03/22/16 - 07/17/24	20	100	All ND - Last	0.001	0.004	MCL/HBL	No Exceedance
MW-390	UA	A7DR	Beryllium, total	mg/L	03/22/16 - 10/15/24	21	100	All ND - Last	0.001	0.004	MCL/HBL	No Exceedance
MW-390	UA	A7	Cadmium, total	mg/L	03/22/16 - 02/06/24	18	100	All ND - Last	0.001	0.005	MCL/HBL	No Exceedance
MW-390	UA	A7R	Cadmium, total	mg/L	03/22/16 - 04/16/24	19	100	All ND - Last	0.001	0.005	MCL/HBL	No Exceedance
MW-390	UA	A7D	Cadmium, total	mg/L	03/22/16 - 07/17/24	20	100	All ND - Last	0.001	0.005	MCL/HBL	No Exceedance
MW-390	UA	A7DR	Cadmium, total	mg/L	03/22/16 - 10/15/24	21	100	All ND - Last	0.001	0.005	MCL/HBL	No Exceedance
MW-390	UA	A7	Chromium, total	mg/L	03/22/16 - 02/06/24	23	95	CB around T-S line	0.00145	0.1	MCL/HBL	No Exceedance
MW-390	UA	A7R	Chromium, total	mg/L	03/22/16 - 04/16/24	24	95	CB around T-S line	0.00148	0.1	MCL/HBL	No Exceedance
MW-390	UA	A7D	Chromium, total	mg/L	03/22/16 - 07/17/24	25	96	CB around T-S line	0.00144	0.1	MCL/HBL	No Exceedance
MW-390	UA	A7DR	Chromium, total	mg/L	03/22/16 - 10/15/24	26	96	CB around T-S line	0.00148	0.1	MCL/HBL	No Exceedance
MW-390	UA	A7	Cobalt, total	mg/L	03/22/16 - 02/06/24	21	66	CI around median	0.00100	0.006	MCL/HBL	No Exceedance
MW-390	UA	A7R	Cobalt, total	mg/L	03/22/16 - 04/16/24	22	68	CI around median	0.00100	0.006	MCL/HBL	No Exceedance
MW-390	UA	A7D	Cobalt, total	mg/L	03/22/16 - 07/17/24	23	65	CI around median	0.00100	0.006	MCL/HBL	No Exceedance
MW-390	UA	A7DR	Cobalt, total	mg/L	03/22/16 - 10/15/24	24	66	CI around median	0.00100	0.006	MCL/HBL	No Exceedance
MW-390	UA	A7	Fluoride, total	mg/L	03/22/16 - 02/06/24	24	0	CI around median	0.640	4.0	MCL/HBL	No Exceedance
MW-390	UA	A7R	Fluoride, total	mg/L	03/22/16 - 04/16/24	25	0	CI around median	0.640	4.0	MCL/HBL	No Exceedance
MW-390	UA	A7D	Fluoride, total	mg/L	03/22/16 - 07/17/24	26	0	CI around median	0.820	4.0	MCL/HBL	No Exceedance
MW-390	UA	A7DR	Fluoride, total	mg/L	03/22/16 - 10/15/24	27	0	CI around median	0.640	4.0	MCL/HBL	No Exceedance

TABLE 6
DETERMINATION OF STATISTICALLY SIGNIFICANT LEVELS
2024 40 C.F.R. § 257 ANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT
BALDWIN POWER PLANT
FLY ASH POND SYSTEM
BALDWIN, IL

Well ID	HSU	Event ID	Parameter	Unit	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	SSL Type
MW-390	UA	A7	Lead, total	mg/L	03/22/16 - 02/06/24	20	90	CI around median	0.00100	0.015	MCL/HBL	No Exceedance
MW-390	UA	A7R	Lead, total	mg/L	03/22/16 - 04/16/24	21	90	CI around median	0.00100	0.015	MCL/HBL	No Exceedance
MW-390	UA	A7D	Lead, total	mg/L	03/22/16 - 07/17/24	22	90	CI around median	0.00100	0.015	MCL/HBL	No Exceedance
MW-390	UA	A7DR	Lead, total	mg/L	03/22/16 - 10/15/24	23	91	CI around median	0.00100	0.015	MCL/HBL	No Exceedance
MW-390	UA	A7	Lithium, total	mg/L	03/22/16 - 02/06/24	23	4	CI around mean	0.0210	0.123	Background	No Exceedance
MW-390	UA	A7R	Lithium, total	mg/L	03/22/16 - 04/16/24	24	4	CI around mean	0.0204	0.123	Background	No Exceedance
MW-390	UA	A7D	Lithium, total	mg/L	03/22/16 - 07/17/24	25	4	CI around mean	0.0208	0.123	Background	No Exceedance
MW-390	UA	A7DR	Lithium, total	mg/L	03/22/16 - 10/15/24	26	3	CI around mean	0.0207	0.123	Background	No Exceedance
MW-390	UA	A7	Mercury, total	mg/L	03/22/16 - 02/06/24	18	100	All ND - Last	0.0002	0.002	MCL/HBL	No Exceedance
MW-390	UA	A7R	Mercury, total	mg/L	03/22/16 - 04/16/24	19	100	All ND - Last	0.0002	0.002	MCL/HBL	No Exceedance
MW-390	UA	A7D	Mercury, total	mg/L	03/22/16 - 07/17/24	20	100	All ND - Last	0.0002	0.002	MCL/HBL	No Exceedance
MW-390	UA	A7DR	Mercury, total	mg/L	03/22/16 - 10/15/24	21	100	All ND - Last	0.0002	0.002	MCL/HBL	No Exceedance
MW-390	UA	A7	Molybdenum, total	mg/L	03/22/16 - 02/06/24	23	4	CI around geomean	0.00310	0.1	MCL/HBL	No Exceedance
MW-390	UA	A7R	Molybdenum, total	mg/L	03/22/16 - 04/16/24	24	4	CI around geomean	0.00314	0.1	MCL/HBL	No Exceedance
MW-390	UA	A7D	Molybdenum, total	mg/L	03/22/16 - 07/17/24	25	4	CI around geomean	0.00312	0.1	MCL/HBL	No Exceedance
MW-390	UA	A7DR	Molybdenum, total	mg/L	03/22/16 - 10/15/24	26	3	CI around median	0.00300	0.1	MCL/HBL	No Exceedance
MW-390	UA	A7	Radium 226 + Radium 228, total	pCi/L	03/22/16 - 02/06/24	23	0	CI around geomean	0.570	5	MCL/HBL	No Exceedance
MW-390	UA	A7R	Radium 226 + Radium 228, total	pCi/L	03/22/16 - 04/16/24	24	0	CB around T-S line	0.882	5	MCL/HBL	No Exceedance
MW-390	UA	A7D	Radium 226 + Radium 228, total	pCi/L	03/22/16 - 07/17/24	25	0	CI around geomean	0.575	5	MCL/HBL	No Exceedance
MW-390	UA	A7DR	Radium 226 + Radium 228, total	pCi/L	03/22/16 - 10/15/24	26	0	CI around geomean	0.564	5	MCL/HBL	No Exceedance
MW-390	UA	A7	Selenium, total	mg/L	03/22/16 - 02/06/24	23	91	CI around median	0.00100	0.05	MCL/HBL	No Exceedance
MW-390	UA	A7R	Selenium, total	mg/L	03/22/16 - 04/16/24	24	91	CI around median	0.00100	0.05	MCL/HBL	No Exceedance
MW-390	UA	A7D	Selenium, total	mg/L	03/22/16 - 07/17/24	25	92	CI around median	0.00100	0.05	MCL/HBL	No Exceedance
MW-390	UA	A7DR	Selenium, total	mg/L	03/22/16 - 10/15/24	26	92	CI around median	0.00100	0.05	MCL/HBL	No Exceedance
MW-390	UA	A7	Thallium, total	mg/L	03/22/16 - 02/06/24	20	100	All ND - Last	0.002	0.002	MCL/HBL	No Exceedance
MW-390	UA	A7R	Thallium, total	mg/L	03/22/16 - 04/16/24	21	100	All ND - Last	0.002	0.002	MCL/HBL	No Exceedance
MW-390	UA	A7D	Thallium, total	mg/L	03/22/16 - 07/17/24	22	100	All ND - Last	0.002	0.002	MCL/HBL	No Exceedance

TABLE 6
DETERMINATION OF STATISTICALLY SIGNIFICANT LEVELS
2024 40 C.F.R. § 257 ANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT
BALDWIN POWER PLANT
FLY ASH POND SYSTEM
BALDWIN, IL

Well ID	HSU	Event ID	Parameter	Unit	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	SSL Type
MW-390	UA	A7DR	Thallium, total	mg/L	03/22/16 - 10/15/24	23	100	All ND - Last	0.002	0.002	MCL/HBL	No Exceedance
MW-391	UA	A7D	Antimony, total	mg/L	12/22/16 - 07/19/24	18	5	CI around mean	0.00141	0.006	MCL/HBL	No Exceedance
MW-391	UA	A7D	Arsenic, total	mg/L	12/22/16 - 07/19/24	18	5	CB around T-S line	0.00211	0.010	MCL/HBL	No Exceedance
MW-391	UA	A7D	Barium, total	mg/L	12/22/16 - 07/19/24	18	0	CI around geomean	0.0211	2.0	MCL/HBL	No Exceedance
MW-391	UA	A7D	Beryllium, total	mg/L	12/22/16 - 07/19/24	13	100	All ND - Last	0.001	0.004	MCL/HBL	No Exceedance
MW-391	UA	A7D	Cadmium, total	mg/L	12/22/16 - 07/19/24	13	100	All ND - Last	0.001	0.005	MCL/HBL	No Exceedance
MW-391	UA	A7D	Chromium, total	mg/L	12/22/16 - 07/19/24	18	77	CB around T-S line	0.00150	0.1	MCL/HBL	No Exceedance
MW-391	UA	A7D	Cobalt, total	mg/L	12/22/16 - 07/19/24	16	87	CI around median	0.00100	0.006	MCL/HBL	No Exceedance
MW-391	UA	A7D	Fluoride, total	mg/L	12/22/16 - 07/19/24	18	0	CB around T-S line	2.61	4.0	MCL/HBL	No Exceedance
MW-391	UA	A7D	Lead, total	mg/L	12/22/16 - 07/19/24	15	93	CI around median	0.00100	0.015	MCL/HBL	No Exceedance
MW-391	UA	A7D	Lithium, total	mg/L	12/22/16 - 07/19/24	19	0	CI around mean	0.0705	0.123	Background	No Exceedance
MW-391	UA	A7D	Mercury, total	mg/L	12/22/16 - 07/19/24	13	100	All ND - Last	0.0002	0.002	MCL/HBL	No Exceedance
MW-391	UA	A7D	Molybdenum, total	mg/L	12/22/16 - 07/19/24	18	0	CI around mean	0.0396	0.1	MCL/HBL	No Exceedance
MW-391	UA	A7	Radium 226 + Radium 228, total	pCi/L	12/22/16 - 02/09/24	18	0	CI around geomean	0.676	5	MCL/HBL	No Exceedance
MW-391	UA	A7D	Radium 226 + Radium 228, total	pCi/L	12/22/16 - 07/19/24	19	0	CI around geomean	0.615	5	MCL/HBL	No Exceedance
MW-391	UA	A7D	Selenium, total	mg/L	12/22/16 - 07/19/24	18	0	CI around geomean	0.00181	0.05	MCL/HBL	No Exceedance
MW-391	UA	A7D	Thallium, total	mg/L	12/22/16 - 07/19/24	16	93	CI around median	0.00200	0.002	MCL/HBL	No Exceedance

TABLE 6
DETERMINATION OF STATISTICALLY SIGNIFICANT LEVELS
2024 40 C.F.R. § 257 ANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT
BALDWIN POWER PLANT
FLY ASH POND SYSTEM
BALDWIN, IL

Notes:
Event IDs:
- A7 = Quarter 1, 2024 Corrective Action Monitoring sampling event
- A7R = Quarter 2, 2024 Corrective Action Monitoring resampling event
- A7D = Quarter 3, 2024 Corrective Action Monitoring sampling event
- A7DR = Quarter 4, 2024 Corrective Action Monitoring resampling event

HSU = hydrostratigraphic unit:
- PMP = Potential Migration Pathway
- UA = Uppermost Aquifer

ID = identification
ND = non-detect
mg/L = milligrams per liter
pCi/L = picocuries per liter
Statistically Significant Level (SSL) Type:
- No Exceedance: No exceedance of the GWPS.
- Exceedance Not Confirmed: An exceedance was determined in the parent event, a resample was collected, and the resample did not confirm the exceedance; or an exceedance was not determined in the parent event but a subsequent sample collected exhibited a concentration higher than background.
- Reported: An exceedance in the parent event was observed and reported.
- Confirmed: A resample confirmed an observed exceedance in the parent event.

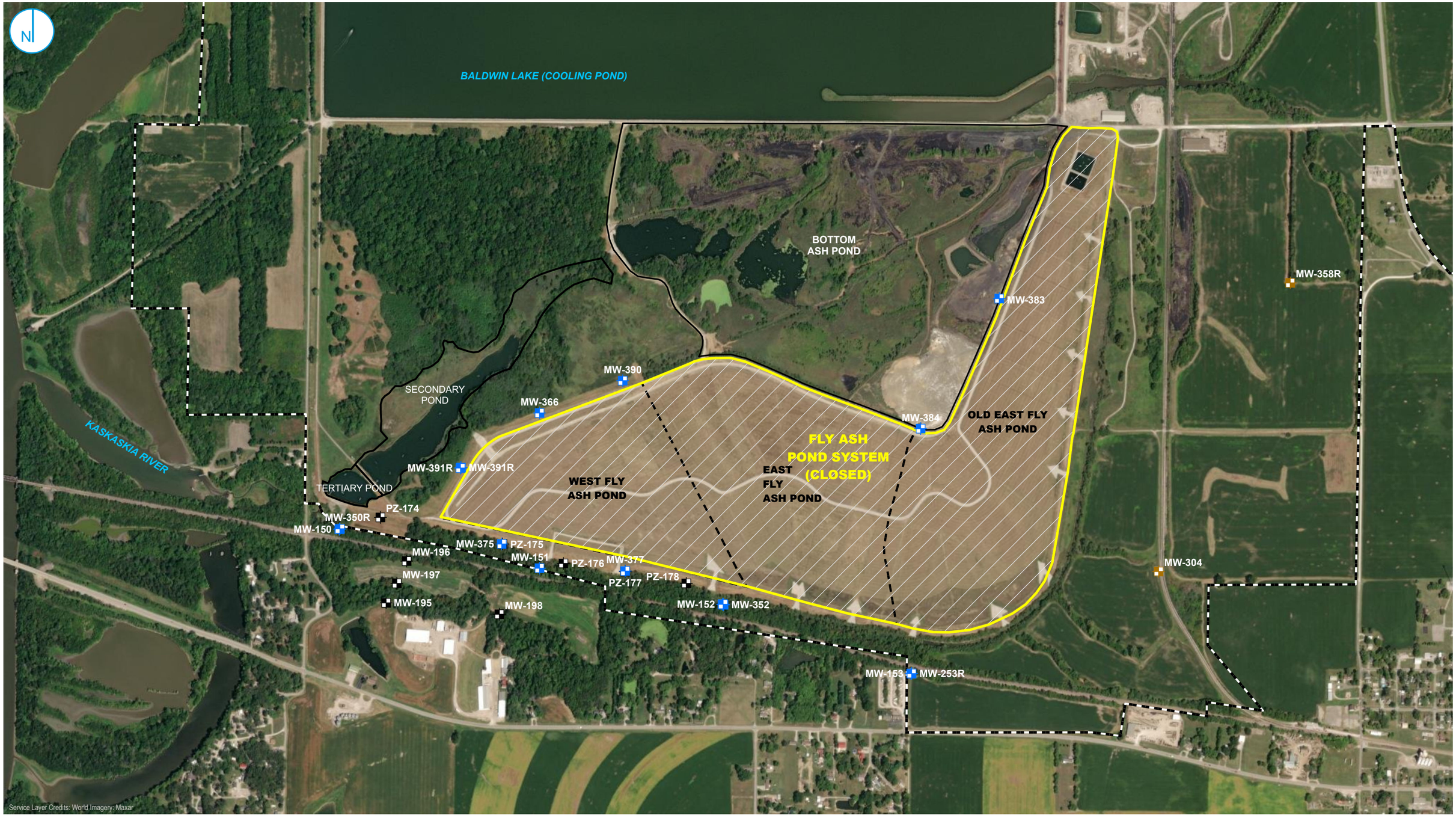
GWPS = Groundwater Protection Standard
GWPS Source:
- Background = background concentration
- MCL/HBL = maximum contaminant level/health-based level

Sample Count = number of samples from Sampled Date Range used to calculate the Statistical Result
Statistical Calculation = method used to calculate the statistical result:
- All ND - Last = All results were below the reporting limit, and the last determined reporting limit is shown.
- CB around linear reg = Confidence band around linear regression
- CB around T-S line = Confidence band around Thiel-Sen line
- CI around geomean = Confidence interval around the geometric mean
- CI around mean = Confidence interval around the mean
- CI around median (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.
- CI around median = Confidence interval around the median
- Most recent sample = Result for the most recently collected sample used due to insufficient data.

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

Generated 2024-12-17 12:12 by banoffra

FIGURES



PROJECT: 169000XXXX | DATED: 1/13/2025 | DESIGNER: GALARNMC

Y:\Mapping\Projects\22\2285\MXD\845_Operating_Permit\Baldwin\BAP\2024_Update\845_OP_2024.aprx\Figure 1. Monitoring Well Location Map 605

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

0 400 800 Feet

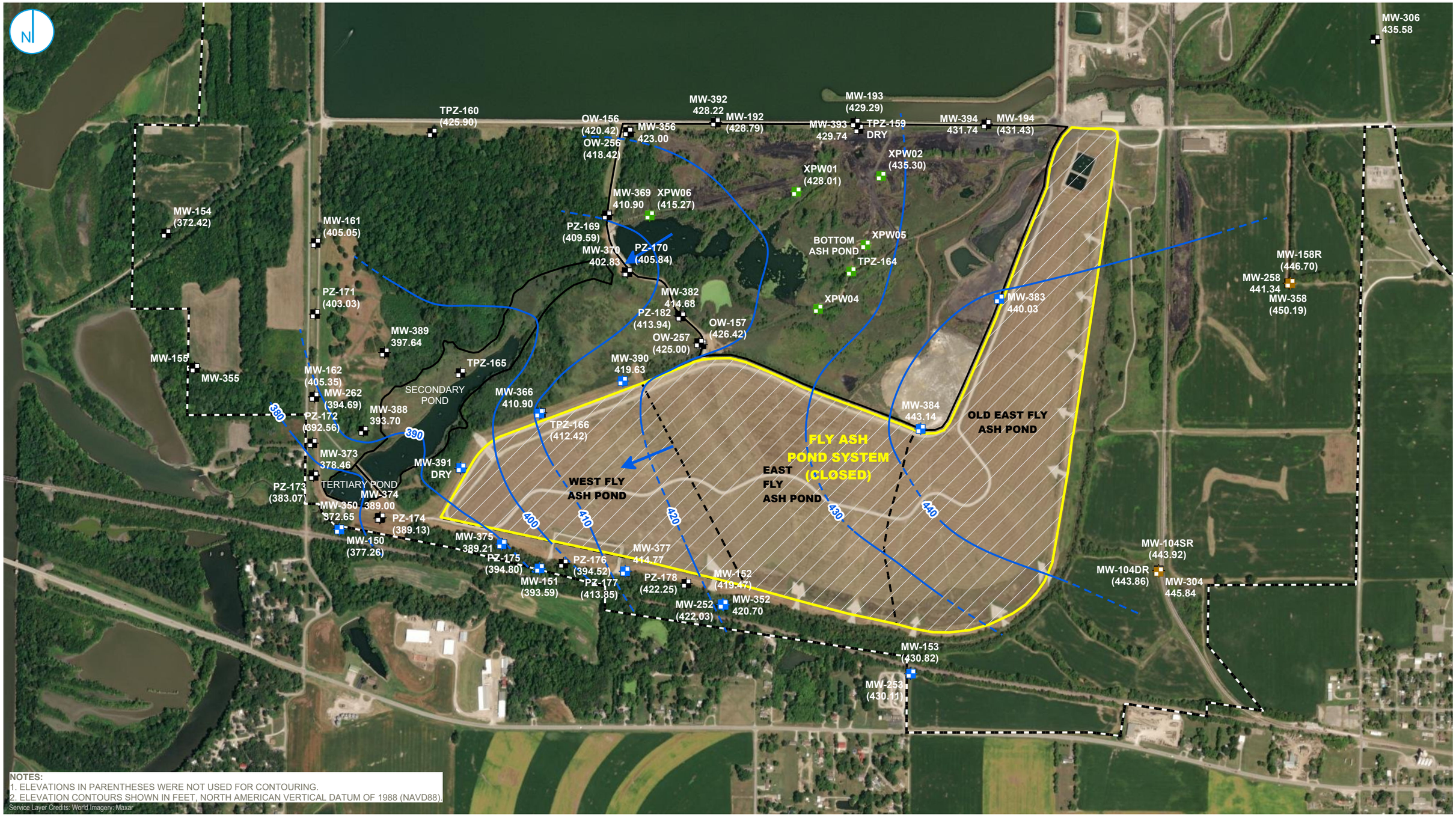
MONITORING WELL LOCATION MAP

FLY ASH POND SYSTEM
BALDWIN POWER PLANT
BALDWIN, ILLINOIS

FIGURE 1

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.

RAMBOLL



NOTES:
1. ELEVATIONS IN PARENTHESES WERE NOT USED FOR CONTOURING.
2. ELEVATION CONTOURS SHOWN IN FEET, NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).

Service Layer Credits: World Imagery: Maxar

PROJECT: 1690000XXXX | DATED: 1/9/2025 | DESIGNER: GALARNMC

Y:\Mapping\Projects\22\22851MXD\GW_Contours\Round_2024\BaldwinFAPS_605\FAPS_605_2024 aprxBAL 605 FAPS Pot Surface 20240205

- COMPLIANCE MONITORING WELL
- BACKGROUND MONITORING WELL
- MONITORING WELL
- PORE WATER WELL
- GROUNDWATER ELEVATION CONTOUR (10-FT CONTOUR INTERVAL, NAVD88)
- INFERRED GROUNDWATER ELEVATION CONTOUR
- GROUNDWATER FLOW DIRECTION
- REGULATED UNIT (SUBJECT UNIT)
- SITE FEATURE
- CAPPED AREA
- PROPERTY BOUNDARY

0 400 800 Feet

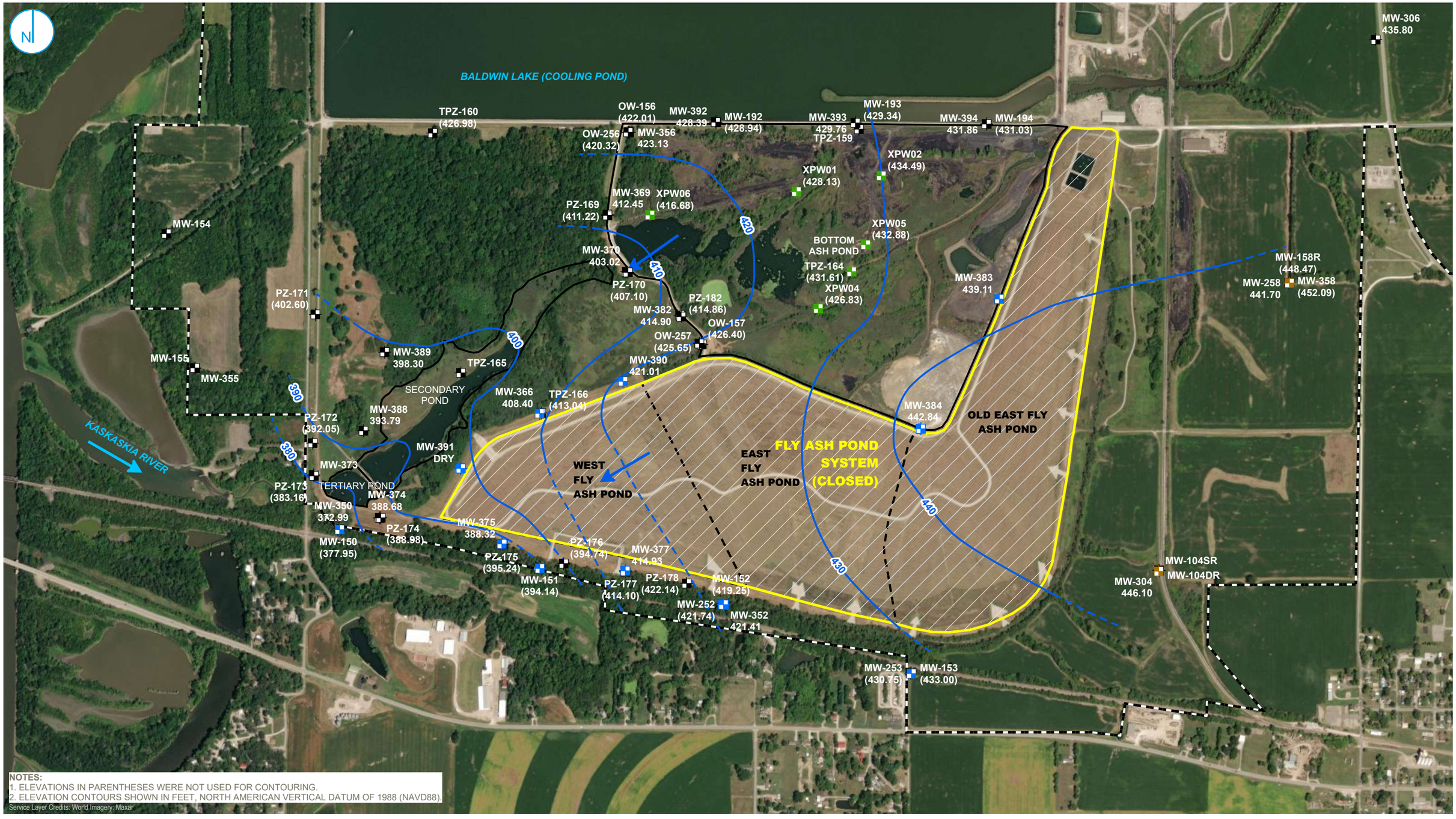
POTENTIOMETRIC SURFACE MAP
FEBRUARY 5, 2024

2024 ANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT
FLY ASH POND SYSTEM
BALDWIN POWER PLANT
BALDWIN, ILLINOIS

FIGURE 2

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.

RAMBOLL



NOTES:
1. ELEVATIONS IN PARENTHESES WERE NOT USED FOR CONTOURING.
2. ELEVATION CONTOURS SHOWN IN FEET, NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).

Service Layer Credits: World Imagery: Maxar

- COMPLIANCE MONITORING WELL
- BACKGROUND MONITORING WELL
- MONITORING WELL
- PORE WATER WELL
- GROUNDWATER ELEVATION CONTOUR (10-FT CONTOUR INTERVAL, NAVD88)
- INFERRED GROUNDWATER ELEVATION CONTOUR
- GROUNDWATER FLOW DIRECTION
- REGULATED UNIT (SUBJECT UNIT)
- SITE FEATURE
- CAPPED AREA
- PROPERTY BOUNDARY

0 400 800 Feet

POTENTIOMETRIC SURFACE MAP APRIL 15, 2024

2024 ANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT
FLY ASH POND SYSTEM
BALDWIN POWER PLANT
BALDWIN, ILLINOIS

FIGURE 3

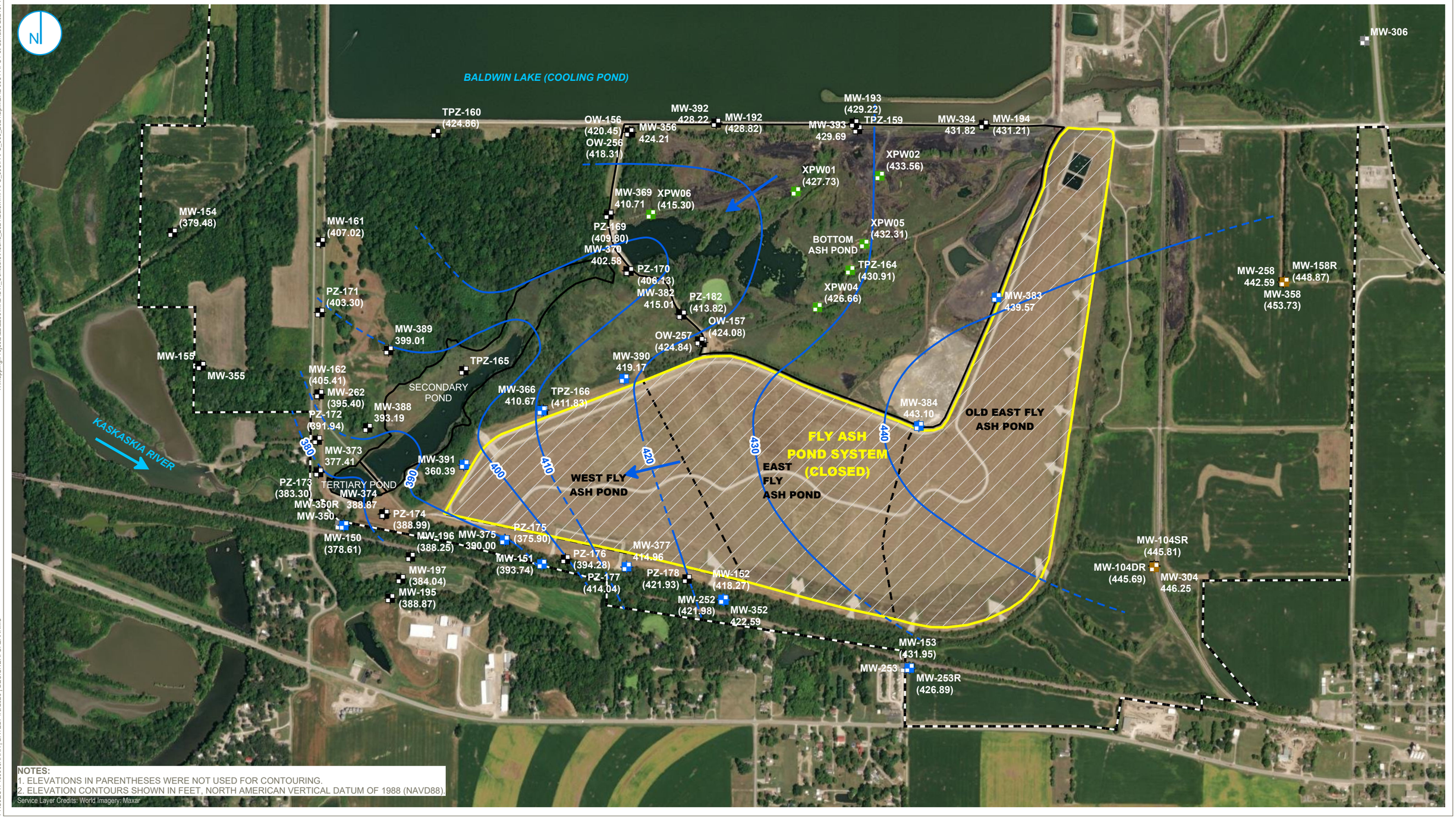
RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.

RAMBOLL

PROJECT: 1690000XXXX | DATED: 8/2/2024 | DESIGNER: GALARNMC

Y:\Mapping\Projects\22\2285\MXD\GW_Contours\Round_2024\Baldwin\FAPS_605\FAPS_605_2024 aprx\BAL 605 FAPS Pot Surface 20240415

Y:\Mapping\Projects\22\22851MXD\GW_Contours\Round_2024\Baldwin\FAPS_605\FAPS_605_2024 aprx\BAL 605 FAPS Pot Surface 20240715



NOTES:
1. ELEVATIONS IN PARENTHESES WERE NOT USED FOR CONTOURING.
2. ELEVATION CONTOURS SHOWN IN FEET, NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).

Service Layer Credits: World Imagery: Maxar

- COMPLIANCE MONITORING WELL
- BACKGROUND MONITORING WELL
- MONITORING WELL
- PORE WATER WELL
- CLOSED MONITORING WELL
- GROUNDWATER ELEVATION CONTOUR (10-FT CONTOUR INTERVAL, NAVD88)
- INFERRED GROUNDWATER ELEVATION CONTOUR
- GROUNDWATER FLOW DIRECTION
- REGULATED UNIT (SUBJECT UNIT)
- SITE FEATURE
- CAPPED AREA
- PROPERTY BOUNDARY

0 400 800 Feet

POTENTIOMETRIC SURFACE MAP JULY 15, 2024

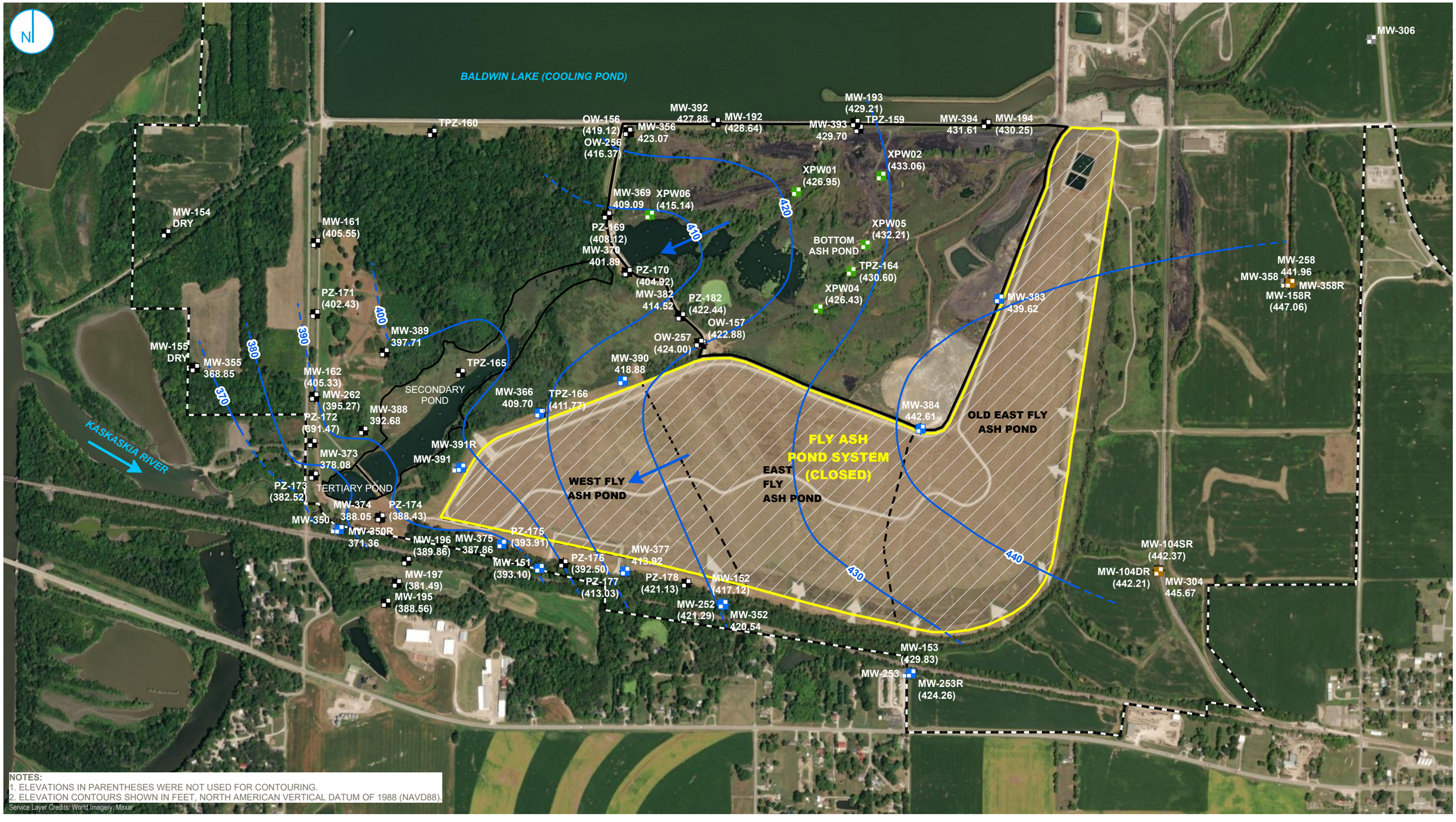
2024 ANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT FLY ASH POND SYSTEM
BALDWIN POWER PLANT
BALDWIN, ILLINOIS

FIGURE 4

RAMBOLL AMERICAS ENGINEERING SOLUTIONS, INC.

RAMBOLL

PROJECT: 169000XXXX | DATED: 1/8/2025 | DESIGNER: GAL/ARNMC



Y:\Mapping\Projects\22\22851MXD\GW_Contours\Round_2024\Baldwin\FAPS_605\FAPS_605_2024 aprx\BAL 605 FAPS Pot Surface 20241014

PROJECT: 169000XXXX | DATED: 1/9/2025 | DESIGNER: GAL:ARNMC

- COMPLIANCE MONITORING WELL
- BACKGROUND MONITORING WELL
- MONITORING WELL
- PORE WATER WELL
- CLOSED MONITORING WELL

- GROUNDWATER ELEVATION CONTOUR (10-FT CONTOUR INTERVAL, NAVD88)
- INFERRED GROUNDWATER ELEVATION CONTOUR
- GROUNDWATER FLOW DIRECTION

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

0 400 800 Feet

POTENTIOMETRIC SURFACE MAP OCTOBER 14, 2024

2024 ANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT
FLY ASH POND SYSTEM
BALDWIN POWER PLANT
BALDWIN, ILLINOIS

FIGURE 5

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.

RAMBOLL

APPENDICES

APPENDIX A
LABORATORY REPORTS AND FIELD DATA SHEETS

Teklab, Inc.
Environmental Laboratory

http://www.teklabinc.com/

February 29, 2024

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

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

RE: BAL-24Q1 **WorkOrder:** 24011852

Dear Eric Bauer:

TEKLAB, INC received 21 samples for BAL_257_605 on 2/9/2024 10:30:00 AM 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
Client Project: BAL-24Q1

Work Order: 24011852
Report Date: 29-Feb-24

This reporting package includes the following:

Cover Letter	1
Report Contents	2
Definitions	3
Case Narrative	5
Accreditations	6
Laboratory Results	7
Sample Summary	46
Quality Control Results	47
Receiving Check List	94
Chain of Custody	Appended

Definitions

Client: Ramboll **Work Order:** 24011852

Client Project: BAL-24Q1 **Report Date:** 29-Feb-24

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

Definitions

Client: Ramboll **Work Order:** 24011852

Client Project: BAL-24Q1 **Report Date:** 29-Feb-24

Qualifiers

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

Case Narrative

Client: Ramboll
Work Order: 24011852
Client Project: BAL-24Q1
Report Date: 29-Feb-24

Cooler Receipt Temp: 5.1 °C

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

MW-391 could not be collected; the well was dry.

Equipment Blanks 2 and 3 were not needed.

Per Eric Bauer's request, only BAL_257_605 data is included in this report. EAH 2/29/24

Locations

Collinsville

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Accreditations

Client: Ramboll **Work Order:** 24011852

Client Project: BAL-24Q1 **Report Date:** 29-Feb-24

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

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24011852

Client Project: BAL-24Q1 **Report Date:** 29-Feb-24

Lab ID: 24011852-003 **Client Sample ID:** MW-150

Matrix: GROUNDWATER **Collection Date:** 02/07/2024 11:12

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**19.31**	ft	1	02/07/2024 11:12	R342943
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**< 1.0**	NTU	1	02/07/2024 11:12	R342943
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		**52**	mV	1	02/07/2024 11:12	R342943
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**1720**	µS/cm	1	02/07/2024 11:12	R342943
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**14.1**	°C	1	02/07/2024 11:12	R342943
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**2.53**	mg/L	1	02/07/2024 11:12	R342943
SW-846 9040B FIELD									
pH	*	0	1.00		**7.00**		1	02/07/2024 11:12	R342943
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**315**	mg/L	1	02/08/2024 12:42	R342815
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	02/08/2024 12:42	R342815
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		**1530**	mg/L	1	02/09/2024 8:09	R342937
SW-846 9036 (TOTAL)									
Sulfate	NELAP	307	500		**877**	mg/L	50	02/08/2024 15:33	R342832
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**0.71**	mg/L	1	02/08/2024 12:44	R342811
SW-846 9251 (TOTAL)									
Chloride	NELAP	2	20		**53**	mg/L	5	02/09/2024 15:28	R342839
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		**202**	mg/L	1	02/09/2024 9:53	218457
Magnesium	NELAP	0.0055	0.0500		**153**	mg/L	1	02/09/2024 9:53	218457
Potassium	NELAP	0.0400	0.100		**0.928**	mg/L	1	02/09/2024 9:53	218457
Sodium	NELAP	0.0180	0.0500		**100**	mg/L	1	02/09/2024 9:53	218457
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		**< 0.0010**	mg/L	5	02/10/2024 10:11	218457
Arsenic	NELAP	0.0004	0.0010	J	**0.0005**	mg/L	5	02/12/2024 21:09	218457
Barium	NELAP	0.0007	0.0010		**0.0155**	mg/L	5	02/10/2024 10:11	218457
Beryllium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	02/10/2024 10:11	218457
Boron	NELAP	0.0092	0.0250		**3.80**	mg/L	5	02/13/2024 10:22	218457
Cadmium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	02/10/2024 10:11	218457
Chromium	NELAP	0.0010	0.0015		**< 0.0015**	mg/L	5	02/12/2024 21:09	218457
Cobalt	NELAP	0.0001	0.0010		**< 0.0010**	mg/L	5	02/12/2024 21:09	218457
Lead	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	02/10/2024 10:11	218457
Lithium	*	0.0015	0.0030		**0.0566**	mg/L	5	02/13/2024 10:22	218457
Molybdenum	NELAP	0.0006	0.0015		**0.0018**	mg/L	5	02/12/2024 21:09	218457
Selenium	NELAP	0.0006	0.0010	J	**0.0009**	mg/L	5	02/10/2024 10:11	218457
Thallium	NELAP	0.0010	0.0020		**< 0.0020**	mg/L	5	02/12/2024 21:09	218457

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24011852

Client Project: BAL-24Q1 **Report Date:** 29-Feb-24

Lab ID: 24011852-003 **Client Sample ID:** MW-150

Matrix: GROUNDWATER **Collection Date:** 02/07/2024 11:12

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00007	0.00020		**< 0.00020**	mg/L	1	02/09/2024 11:24	218483

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24011852

Client Project: BAL-24Q1 **Report Date:** 29-Feb-24

Lab ID: 24011852-004 **Client Sample ID:** MW-151

Matrix: GROUNDWATER **Collection Date:** 02/07/2024 11:26

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**6.58**	ft	1	02/07/2024 11:26	R342943
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**24**	NTU	1	02/07/2024 11:26	R342943
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		**137**	mV	1	02/07/2024 11:26	R342943
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**866**	µS/cm	1	02/07/2024 11:26	R342943
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**12.8**	°C	1	02/07/2024 11:26	R342943
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**3.24**	mg/L	1	02/07/2024 11:26	R342943
SW-846 9040B FIELD									
pH	*	0	1.00		**6.91**		1	02/07/2024 11:26	R342943
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**447**	mg/L	1	02/08/2024 12:50	R342815
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	02/08/2024 12:50	R342815
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	40	50		**580**	mg/L	2.5	02/09/2024 8:46	R342937
SW-846 9036 (TOTAL)									
Sulfate	NELAP	31	50		**130**	mg/L	5	02/08/2024 16:05	R342832
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**0.52**	mg/L	1	02/08/2024 12:45	R342811
SW-846 9251 (TOTAL)									
Chloride	NELAP	1	4		**44**	mg/L	1	02/09/2024 15:39	R342839
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		**122**	mg/L	1	02/09/2024 9:55	218457
Magnesium	NELAP	0.0055	0.0500		**46.6**	mg/L	1	02/09/2024 9:55	218457
Potassium	NELAP	0.0400	0.100		**1.35**	mg/L	1	02/09/2024 9:55	218457
Sodium	NELAP	0.0180	0.0500		**73.0**	mg/L	1	02/09/2024 9:55	218457
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		**< 0.0010**	mg/L	5	02/10/2024 10:17	218457
Arsenic	NELAP	0.0004	0.0010	J	**0.0005**	mg/L	5	02/12/2024 21:15	218457
Barium	NELAP	0.0007	0.0010		**0.0591**	mg/L	5	02/10/2024 10:17	218457
Beryllium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	02/10/2024 10:17	218457
Boron	NELAP	0.0092	0.0250		**1.26**	mg/L	5	02/13/2024 10:52	218457
Cadmium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	02/10/2024 10:17	218457
Chromium	NELAP	0.0010	0.0015		**0.0033**	mg/L	5	02/12/2024 21:15	218457
Cobalt	NELAP	0.0001	0.0010	J	**0.0008**	mg/L	5	02/12/2024 21:15	218457
Lead	NELAP	0.0006	0.0010		**0.0012**	mg/L	5	02/10/2024 10:17	218457
Lithium	*	0.0015	0.0030		**0.0255**	mg/L	5	02/13/2024 10:52	218457
Molybdenum	NELAP	0.0006	0.0015	J	**0.0009**	mg/L	5	02/12/2024 21:15	218457
Selenium	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	02/10/2024 10:17	218457
Thallium	NELAP	0.0010	0.0020		**< 0.0020**	mg/L	5	02/12/2024 21:15	218457

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24011852

Client Project: BAL-24Q1 **Report Date:** 29-Feb-24

Lab ID: 24011852-004 **Client Sample ID:** MW-151

Matrix: GROUNDWATER **Collection Date:** 02/07/2024 11:26

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00007	0.00020		**< 0.00020**	mg/L	1	02/09/2024 11:27	218483

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24011852

Client Project: BAL-24Q1 **Report Date:** 29-Feb-24

Lab ID: 24011852-005 **Client Sample ID:** MW-152

Matrix: GROUNDWATER **Collection Date:** 02/07/2024 13:05

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**6.75**	ft	1	02/07/2024 13:05	R342943
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**46**	NTU	1	02/07/2024 13:05	R342943
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		**144**	mV	1	02/07/2024 13:05	R342943
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**1450**	µS/cm	1	02/07/2024 13:05	R342943
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**12.7**	°C	1	02/07/2024 13:05	R342943
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**0.90**	mg/L	1	02/07/2024 13:05	R342943
SW-846 9040B FIELD									
pH	*	0	1.00		**6.70**		1	02/07/2024 13:05	R342943
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**431**	mg/L	1	02/08/2024 13:22	R342815
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	02/08/2024 13:22	R342815
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	40	50		**1320**	mg/L	2.5	02/09/2024 8:46	R342937
SW-846 9036 (TOTAL)									
Sulfate	NELAP	307	500		**724**	mg/L	50	02/08/2024 16:21	R342832
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**0.26**	mg/L	1	02/08/2024 12:47	R342811
SW-846 9251 (TOTAL)									
Chloride	NELAP	1	8		**40**	mg/L	2	02/09/2024 16:16	R342839
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		**222**	mg/L	1	02/09/2024 9:57	218457
Magnesium	NELAP	0.0055	0.0500		**99.6**	mg/L	1	02/09/2024 9:57	218457
Potassium	NELAP	0.0400	0.100		**2.02**	mg/L	1	02/09/2024 9:57	218457
Sodium	NELAP	0.0180	0.0500		**122**	mg/L	1	02/09/2024 9:57	218457
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		**< 0.0010**	mg/L	5	02/10/2024 10:22	218457
Arsenic	NELAP	0.0004	0.0010		**0.0023**	mg/L	5	02/12/2024 21:20	218457
Barium	NELAP	0.0007	0.0010		**0.0422**	mg/L	5	02/10/2024 10:22	218457
Beryllium	NELAP	0.0002	0.0010	J	**0.0003**	mg/L	5	02/10/2024 10:22	218457
Boron	NELAP	0.0092	0.0250		**13.2**	mg/L	5	02/13/2024 10:57	218457
Cadmium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	02/10/2024 10:22	218457
Chromium	NELAP	0.0010	0.0015		**0.0086**	mg/L	5	02/12/2024 21:20	218457
Cobalt	NELAP	0.0001	0.0010		**0.0026**	mg/L	5	02/12/2024 21:20	218457
Lead	NELAP	0.0006	0.0010		**0.0047**	mg/L	5	02/10/2024 10:22	218457
Lithium	*	0.0015	0.0030		**0.0178**	mg/L	5	02/13/2024 10:57	218457
Molybdenum	NELAP	0.0006	0.0015		**< 0.0015**	mg/L	5	02/12/2024 21:20	218457
Selenium	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	02/10/2024 10:22	218457
Thallium	NELAP	0.0010	0.0020		**< 0.0020**	mg/L	5	02/12/2024 21:20	218457

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24011852

Client Project: BAL-24Q1 **Report Date:** 29-Feb-24

Lab ID: 24011852-005 **Client Sample ID:** MW-152

Matrix: GROUNDWATER **Collection Date:** 02/07/2024 13:05

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00007	0.00020		**< 0.00020**	mg/L	1	02/09/2024 11:29	218483

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24011852

Client Project: BAL-24Q1 **Report Date:** 29-Feb-24

Lab ID: 24011852-006 **Client Sample ID:** MW-153

Matrix: GROUNDWATER **Collection Date:** 02/08/2024 9:48

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**15.20**	ft	1	02/08/2024 9:48	R342943
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**4.2**	NTU	1	02/08/2024 9:48	R342943
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		**134**	mV	1	02/08/2024 9:48	R342943
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**566**	µS/cm	1	02/08/2024 9:48	R342943
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**14.2**	°C	1	02/08/2024 9:48	R342943
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**2.33**	mg/L	1	02/08/2024 9:48	R342943
SW-846 9040B FIELD									
pH	*	0	1.00		**6.66**		1	02/08/2024 9:48	R342943
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**205**	mg/L	1	02/09/2024 11:06	R342848
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	02/09/2024 11:06	R342848
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		**388**	mg/L	1	02/09/2024 13:05	R342937
SW-846 9036 (TOTAL)									
Sulfate	NELAP	12	20		**68**	mg/L	2	02/13/2024 10:39	R342992
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**0.43**	mg/L	1	02/09/2024 11:23	R342864
SW-846 9251 (TOTAL)									
Chloride	NELAP	1	8		**19**	mg/L	2	02/13/2024 10:40	R342995
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		**53.5**	mg/L	1	02/12/2024 9:21	218539
Magnesium	NELAP	0.0055	0.0500		**22.2**	mg/L	1	02/12/2024 9:21	218539
Potassium	NELAP	0.0400	0.100		**0.212**	mg/L	1	02/12/2024 9:21	218539
Sodium	NELAP	0.0180	0.0500		**49.7**	mg/L	1	02/12/2024 9:21	218539
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		**< 0.0010**	mg/L	5	02/12/2024 23:56	218539
Arsenic	NELAP	0.0004	0.0010		**< 0.0010**	mg/L	5	02/12/2024 23:56	218539
Barium	NELAP	0.0007	0.0010		**0.0376**	mg/L	5	02/12/2024 23:56	218539
Beryllium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	02/12/2024 23:56	218539
Boron	NELAP	0.0092	0.025	J	**0.023**	mg/L	5	02/13/2024 11:14	218539
Cadmium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	02/12/2024 23:56	218539
Chromium	NELAP	0.0007	0.0015	J	**0.0014**	mg/L	5	02/13/2024 11:14	218539
Cobalt	NELAP	0.0001	0.0010		**< 0.0010**	mg/L	5	02/12/2024 23:56	218539
Lead	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	02/12/2024 23:56	218539
Lithium	*	0.0015	0.0030		**0.0043**	mg/L	5	02/13/2024 11:14	218539
Molybdenum	NELAP	0.0006	0.0015		**< 0.0015**	mg/L	5	02/12/2024 23:56	218539
Selenium	NELAP	0.0006	0.0010		**0.0024**	mg/L	5	02/12/2024 23:56	218539
Thallium	NELAP	0.0010	0.0020		**< 0.0020**	mg/L	5	02/13/2024 11:14	218539

CCV recovered outside the upper control limits for Tl. Sample results are below the reporting limit. Data is reportable per the TNI standard.

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24011852

Client Project: BAL-24Q1 **Report Date:** 29-Feb-24

Lab ID: 24011852-006 **Client Sample ID:** MW-153

Matrix: GROUNDWATER **Collection Date:** 02/08/2024 9:48

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020	J	**0.00019**	mg/L	1	02/12/2024 10:51	218551

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24011852

Client Project: BAL-24Q1 **Report Date:** 29-Feb-24

Lab ID: 24011852-011 **Client Sample ID:** MW-252

Matrix: GROUNDWATER **Collection Date:** 02/07/2024 12:02

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**3.12**	ft	1	02/07/2024 12:02	R342943
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**14**	NTU	1	02/07/2024 12:02	R342943
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		**138**	mV	1	02/07/2024 12:02	R342943
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**1320**	µS/cm	1	02/07/2024 12:02	R342943
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**14.7**	°C	1	02/07/2024 12:02	R342943
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**3.85**	mg/L	1	02/07/2024 12:02	R342943
SW-846 9040B FIELD									
pH	*	0	1.00		**6.90**		1	02/07/2024 12:02	R342943
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**476**	mg/L	1	02/08/2024 13:28	R342815
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	02/08/2024 13:28	R342815
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	40	50		**1060**	mg/L	2.5	02/09/2024 8:47	R342937
SW-846 9036 (TOTAL)									
Sulfate	NELAP	123	200		**499**	mg/L	20	02/08/2024 16:29	R342832
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**0.21**	mg/L	1	02/08/2024 12:50	R342811
SW-846 9251 (TOTAL)									
Chloride	NELAP	1	4		**37**	mg/L	1	02/09/2024 16:24	R342839
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		**205**	mg/L	1	02/09/2024 9:58	218457
Magnesium	NELAP	0.0055	0.0500		**84.9**	mg/L	1	02/09/2024 9:58	218457
Potassium	NELAP	0.0400	0.100		**1.90**	mg/L	1	02/09/2024 9:58	218457
Sodium	NELAP	0.0180	0.0500		**93.3**	mg/L	1	02/09/2024 9:58	218457
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		**0.0022**	mg/L	5	02/10/2024 10:27	218457
Arsenic	NELAP	0.0004	0.0010	J	**0.0008**	mg/L	5	02/12/2024 21:26	218457
Barium	NELAP	0.0007	0.0010		**0.0299**	mg/L	5	02/10/2024 10:27	218457
Beryllium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	02/10/2024 10:27	218457
Boron	NELAP	0.0092	0.0250		**0.235**	mg/L	5	02/13/2024 11:03	218457
Cadmium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	02/10/2024 10:27	218457
Chromium	NELAP	0.0010	0.0015		**0.0022**	mg/L	5	02/12/2024 21:26	218457
Cobalt	NELAP	0.0001	0.0010		**0.0012**	mg/L	5	02/12/2024 21:26	218457
Lead	NELAP	0.0006	0.0010	J	**0.0008**	mg/L	5	02/10/2024 10:27	218457
Lithium	*	0.0015	0.0030		**0.0168**	mg/L	5	02/13/2024 11:03	218457
Molybdenum	NELAP	0.0006	0.0015	J	**0.0007**	mg/L	5	02/12/2024 21:26	218457
Selenium	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	02/10/2024 10:27	218457
Thallium	NELAP	0.0010	0.0020		**< 0.0020**	mg/L	5	02/12/2024 21:26	218457

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24011852

Client Project: BAL-24Q1 **Report Date:** 29-Feb-24

Lab ID: 24011852-011 **Client Sample ID:** MW-252

Matrix: GROUNDWATER **Collection Date:** 02/07/2024 12:02

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00007	0.00020		**< 0.00020**	mg/L	1	02/09/2024 11:31	218483

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24011852

Client Project: BAL-24Q1 **Report Date:** 29-Feb-24

Lab ID: 24011852-012 **Client Sample ID:** MW-253

Matrix: GROUNDWATER **Collection Date:** 02/08/2024 10:36

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**14.76**	ft	1	02/08/2024 10:36	R342943
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**22**	NTU	1	02/08/2024 10:36	R342943
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		**31**	mV	1	02/08/2024 10:36	R342943
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**730**	µS/cm	1	02/08/2024 10:36	R342943
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**14.3**	°C	1	02/08/2024 10:36	R342943
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**0.74**	mg/L	1	02/08/2024 10:36	R342943
SW-846 9040B FIELD									
pH	*	0	1.00		**11.2**		1	02/08/2024 10:36	R342943
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	02/09/2024 11:11	R342848
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**18**	mg/L	1	02/09/2024 11:11	R342848
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		**410**	mg/L	1	02/09/2024 13:06	R342937
SW-846 9036 (TOTAL)									
Sulfate	NELAP	61	100		**181**	mg/L	10	02/13/2024 10:53	R342992
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**0.17**	mg/L	1	02/09/2024 11:25	R342864
SW-846 9251 (TOTAL)									
Chloride	NELAP	1	4		**22**	mg/L	1	02/13/2024 10:48	R342995
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		**84.5**	mg/L	1	02/12/2024 9:22	218539
Magnesium	NELAP	0.0055	0.0500		**2.24**	mg/L	1	02/12/2024 9:22	218539
Potassium	NELAP	0.0400	0.100		**1.35**	mg/L	1	02/12/2024 9:22	218539
Sodium	NELAP	0.0180	0.0500		**40.4**	mg/L	1	02/12/2024 9:22	218539
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010	J	**0.0009**	mg/L	5	02/13/2024 0:02	218539
Arsenic	NELAP	0.0004	0.0010		**< 0.0010**	mg/L	5	02/13/2024 0:02	218539
Barium	NELAP	0.0007	0.0010		**0.0481**	mg/L	5	02/13/2024 0:02	218539
Beryllium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	02/13/2024 0:02	218539
Boron	NELAP	0.0092	0.0250		**0.0793**	mg/L	5	02/13/2024 11:20	218539
Cadmium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	02/13/2024 0:02	218539
Chromium	NELAP	0.0009	0.0015		**< 0.0015**	mg/L	5	02/13/2024 0:02	218539
Cobalt	NELAP	0.0001	0.0010		**< 0.0010**	mg/L	5	02/13/2024 0:02	218539
Lead	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	02/13/2024 0:02	218539
Lithium	*	0.0015	0.0030		**0.0357**	mg/L	5	02/13/2024 11:20	218539
Molybdenum	NELAP	0.0006	0.0015		**0.0061**	mg/L	5	02/13/2024 0:02	218539
Selenium	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	02/13/2024 0:02	218539
Thallium	NELAP	0.0010	0.0020		**< 0.0020**	mg/L	5	02/13/2024 11:20	218539

CCV recovered outside the upper control limits for Tl. Sample results are below the reporting limit. Data is reportable per the TNI standard.

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24011852

Client Project: BAL-24Q1 **Report Date:** 29-Feb-24

Lab ID: 24011852-012 **Client Sample ID:** MW-253

Matrix: GROUNDWATER **Collection Date:** 02/08/2024 10:36

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020	J	**0.00019**	mg/L	1	02/12/2024 10:53	218551

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24011852

Client Project: BAL-24Q1 **Report Date:** 29-Feb-24

Lab ID: 24011852-013 **Client Sample ID:** MW-304

Matrix: GROUNDWATER **Collection Date:** 02/05/2024 12:54

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**9.52**	ft	1	02/05/2024 12:54	R342943
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**6.8**	NTU	1	02/05/2024 12:54	R342943
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		**92**	mV	1	02/05/2024 12:54	R342943
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**2280**	µS/cm	1	02/05/2024 12:54	R342943
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**14.8**	°C	1	02/05/2024 12:54	R342943
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**0.51**	mg/L	1	02/05/2024 12:54	R342943
SW-846 9040B FIELD									
pH	*	0	1.00		**7.70**		1	02/05/2024 12:54	R342943
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**818**	mg/L	1	02/07/2024 10:01	R342763
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	02/07/2024 10:01	R342763
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		**1440**	mg/L	1	02/07/2024 13:40	R342824
SW-846 9036 (TOTAL)									
Sulfate	NELAP	61	100		**185**	mg/L	10	02/07/2024 11:01	R342767
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**1.77**	mg/L	1	02/07/2024 11:13	R342758
SW-846 9251 (TOTAL)									
Chloride	NELAP	5	40		**155**	mg/L	10	02/07/2024 11:01	R342770
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		**12.4**	mg/L	1	02/08/2024 16:29	218349
Magnesium	NELAP	0.0550	0.500		**5.04**	mg/L	10	02/09/2024 16:05	218349
Potassium	NELAP	0.0400	0.100		**2.34**	mg/L	1	02/08/2024 16:29	218349
Sodium	NELAP	0.180	0.500		**563**	mg/L	10	02/09/2024 16:05	218349
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		**< 0.0010**	mg/L	5	02/08/2024 4:15	218349
Arsenic	NELAP	0.0004	0.0010		**0.0038**	mg/L	5	02/08/2024 4:15	218349
Barium	NELAP	0.0007	0.0010		**0.0295**	mg/L	5	02/08/2024 4:15	218349
Beryllium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	02/08/2024 4:15	218349
Boron	NELAP	0.0092	0.0250		**1.53**	mg/L	5	02/08/2024 23:16	218349
Cadmium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	02/08/2024 4:15	218349
Chromium	NELAP	0.0007	0.0015	J	**0.0013**	mg/L	5	02/08/2024 4:15	218349
Cobalt	NELAP	0.0001	0.0010		**< 0.0010**	mg/L	5	02/08/2024 4:15	218349
Lead	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	02/08/2024 4:15	218349
Lithium	*	0.0015	0.0030		**0.0763**	mg/L	5	02/08/2024 23:16	218349
Molybdenum	NELAP	0.0006	0.0015	J	**0.0013**	mg/L	5	02/09/2024 18:08	218349
Selenium	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	02/08/2024 4:15	218349
Thallium	NELAP	0.0010	0.0020		**< 0.0020**	mg/L	5	02/12/2024 9:58	218349

Laboratory Results

Client: Ramboll **Work Order:** 24011852

Client Project: BAL-24Q1 **Report Date:** 29-Feb-24

Lab ID: 24011852-013 **Client Sample ID:** MW-304

Matrix: GROUNDWATER **Collection Date:** 02/05/2024 12:54

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		**< 0.00020**	mg/L	1	02/08/2024 11:50	218438

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24011852

Client Project: BAL-24Q1 **Report Date:** 29-Feb-24

Lab ID: 24011852-014 **Client Sample ID:** MW-306

Matrix: GROUNDWATER **Collection Date:** 02/07/2024 9:29

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**17.75**	ft	1	02/07/2024 9:29	R342943
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**13**	NTU	1	02/07/2024 9:29	R342943
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		**7**	mV	1	02/07/2024 9:29	R342943
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**440**	µS/cm	1	02/07/2024 9:29	R342943
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**13.7**	°C	1	02/07/2024 9:29	R342943
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**1.51**	mg/L	1	02/07/2024 9:29	R342943
SW-846 9040B FIELD									
pH	*	0	1.00		**10.2**		1	02/07/2024 9:29	R342943
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	02/08/2024 13:34	R342815
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**72**	mg/L	1	02/08/2024 13:34	R342815
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	40	50		**270**	mg/L	2.5	02/09/2024 8:47	R342937
SW-846 9036 (TOTAL)									
Sulfate	NELAP	12	20		**45**	mg/L	2	02/08/2024 16:48	R342832
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**0.64**	mg/L	1	02/08/2024 13:01	R342811
SW-846 9251 (TOTAL)									
Chloride	NELAP	1	8		**61**	mg/L	2	02/09/2024 16:48	R342839
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		**20.2**	mg/L	1	02/09/2024 10:00	218457
Magnesium	NELAP	0.0055	0.0500		**0.0685**	mg/L	1	02/09/2024 10:00	218457
Potassium	NELAP	0.0400	0.100		**1.50**	mg/L	1	02/09/2024 10:00	218457
Sodium	NELAP	0.0180	0.0500		**70.9**	mg/L	1	02/09/2024 10:00	218457
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		**0.0024**	mg/L	5	02/10/2024 11:11	218457
Arsenic	NELAP	0.0004	0.0010		**0.0042**	mg/L	5	02/12/2024 21:32	218457
Barium	NELAP	0.0007	0.0010		**0.0099**	mg/L	5	02/10/2024 11:11	218457
Beryllium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	02/10/2024 11:11	218457
Boron	NELAP	0.0092	0.0250		**0.244**	mg/L	5	02/13/2024 11:09	218457
Cadmium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	02/10/2024 11:11	218457
Chromium	NELAP	0.0010	0.0015	J	**0.0010**	mg/L	5	02/12/2024 21:32	218457
Cobalt	NELAP	0.0001	0.0010	J	**0.0001**	mg/L	5	02/12/2024 21:32	218457
Lead	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	02/10/2024 11:11	218457
Lithium	*	0.0015	0.0030		**0.0153**	mg/L	5	02/13/2024 11:09	218457
Molybdenum	NELAP	0.0006	0.0015		**0.0239**	mg/L	5	02/12/2024 21:32	218457
Selenium	NELAP	0.0006	0.0010	J	**0.0007**	mg/L	5	02/10/2024 11:11	218457
Thallium	NELAP	0.0010	0.0020		**< 0.0020**	mg/L	5	02/12/2024 21:32	218457

Laboratory Results

Client: Ramboll **Work Order:** 24011852

Client Project: BAL-24Q1 **Report Date:** 29-Feb-24

Lab ID: 24011852-014 **Client Sample ID:** MW-306

Matrix: GROUNDWATER **Collection Date:** 02/07/2024 9:29

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00007	0.00020		**< 0.00020**	mg/L	1	02/09/2024 11:33	218483

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24011852

Client Project: BAL-24Q1 **Report Date:** 29-Feb-24

Lab ID: 24011852-015 **Client Sample ID:** MW-350

Matrix: GROUNDWATER **Collection Date:** 02/07/2024 11:56

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**24.21**	ft	1	02/07/2024 11:56	R342943
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**4.2**	NTU	1	02/07/2024 11:56	R342943
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		**-28**	mV	1	02/07/2024 11:56	R342943
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**750**	µS/cm	1	02/07/2024 11:56	R342943
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**14.4**	°C	1	02/07/2024 11:56	R342943
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**3.18**	mg/L	1	02/07/2024 11:56	R342943
SW-846 9040B FIELD									
pH	*	0	1.00		**11.4**		1	02/07/2024 11:56	R342943
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	02/08/2024 13:42	R342815
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**47**	mg/L	1	02/08/2024 13:42	R342815
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	40	50		**325**	mg/L	2.5	02/09/2024 8:59	R342937
SW-846 9036 (TOTAL)									
Sulfate	NELAP	12	20		**92**	mg/L	2	02/08/2024 16:50	R342832
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**0.18**	mg/L	1	02/08/2024 13:03	R342811
SW-846 9251 (TOTAL)									
Chloride	NELAP	1	8		**54**	mg/L	2	02/09/2024 16:51	R342839
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		**52.3**	mg/L	1	02/09/2024 16:27	218485
Magnesium	NELAP	0.0055	0.0500		**0.723**	mg/L	1	02/09/2024 16:27	218485
Potassium	NELAP	0.0400	0.100		**5.06**	mg/L	1	02/09/2024 16:27	218485
Sodium	NELAP	0.0180	0.0500		**80.5**	mg/L	1	02/09/2024 16:27	218485
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		**0.0015**	mg/L	5	02/09/2024 23:14	218485
Arsenic	NELAP	0.0004	0.0010		**< 0.0010**	mg/L	5	02/09/2024 23:14	218485
Barium	NELAP	0.0007	0.0010		**0.197**	mg/L	5	02/09/2024 23:14	218485
Beryllium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	02/09/2024 23:14	218485
Boron	NELAP	0.0092	0.0250		**0.507**	mg/L	5	02/09/2024 23:14	218485
Cadmium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	02/09/2024 23:14	218485
Chromium	NELAP	0.0010	0.0015		**0.0039**	mg/L	5	02/12/2024 14:15	218485
Cobalt	NELAP	0.0001	0.0010	J	**0.0001**	mg/L	5	02/09/2024 23:14	218485
Lead	NELAP	0.0008	0.0010		**< 0.0010**	mg/L	5	02/09/2024 23:14	218485
Lithium	*	0.0015	0.0030		**0.0763**	mg/L	5	02/09/2024 23:14	218485
Molybdenum	NELAP	0.0006	0.0015		**0.0025**	mg/L	5	02/12/2024 14:15	218485
Selenium	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	02/09/2024 23:14	218485
Thallium	NELAP	0.0010	0.0020		**< 0.0020**	mg/L	5	02/12/2024 14:15	218485

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24011852

Client Project: BAL-24Q1 **Report Date:** 29-Feb-24

Lab ID: 24011852-015 **Client Sample ID:** MW-350

Matrix: GROUNDWATER **Collection Date:** 02/07/2024 11:56

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00007	0.00020		**< 0.00020**	mg/L	1	02/09/2024 11:41	218483

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24011852

Client Project: BAL-24Q1 **Report Date:** 29-Feb-24

Lab ID: 24011852-016 **Client Sample ID:** MW-352

Matrix: GROUNDWATER **Collection Date:** 02/07/2024 11:46

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**4.62**	ft	1	02/07/2024 11:46	R342943
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**5.9**	NTU	1	02/07/2024 11:46	R342943
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		**135**	mV	1	02/07/2024 11:46	R342943
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**1670**	µS/cm	1	02/07/2024 11:46	R342943
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**12.9**	°C	1	02/07/2024 11:46	R342943
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**2.92**	mg/L	1	02/07/2024 11:46	R342943
SW-846 9040B FIELD									
pH	*	0	1.00		**7.31**		1	02/07/2024 11:46	R342943
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**159**	mg/L	1	02/08/2024 13:49	R342815
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	02/08/2024 13:49	R342815
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		**1170**	mg/L	1	02/09/2024 8:59	R342937
SW-846 9036 (TOTAL)									
Sulfate	NELAP	6	10	J	**8**	mg/L	1	02/09/2024 10:48	R342903
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**1.46**	mg/L	1	02/08/2024 13:05	R342811
SW-846 9251 (TOTAL)									
Chloride	NELAP	10	80		**580**	mg/L	20	02/09/2024 16:59	R342839
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		**92.8**	mg/L	1	02/09/2024 16:28	218485
Magnesium	NELAP	0.0055	0.0500		**45.4**	mg/L	1	02/09/2024 16:28	218485
Potassium	NELAP	0.0400	0.100		**4.01**	mg/L	1	02/09/2024 16:28	218485
Sodium	NELAP	0.0180	0.0500		**248**	mg/L	1	02/09/2024 16:28	218485
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		**0.0020**	mg/L	5	02/09/2024 23:57	218485
Arsenic	NELAP	0.0004	0.0010		**< 0.0010**	mg/L	5	02/09/2024 23:57	218485
Barium	NELAP	0.0007	0.0010		**0.0839**	mg/L	5	02/09/2024 23:57	218485
Beryllium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	02/09/2024 23:57	218485
Boron	NELAP	0.0092	0.0250		**2.13**	mg/L	5	02/12/2024 14:21	218485
Cadmium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	02/09/2024 23:57	218485
Chromium	NELAP	0.0010	0.0015		**< 0.0015**	mg/L	5	02/12/2024 14:21	218485
Cobalt	NELAP	0.0001	0.0010		**< 0.0010**	mg/L	5	02/09/2024 23:57	218485
Lead	NELAP	0.0008	0.0010		**< 0.0010**	mg/L	5	02/09/2024 23:57	218485
Lithium	*	0.0015	0.0030		**0.0844**	mg/L	5	02/09/2024 23:57	218485
Molybdenum	NELAP	0.0006	0.0015		**< 0.0015**	mg/L	5	02/12/2024 14:21	218485
Selenium	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	02/09/2024 23:57	218485
Thallium	NELAP	0.0010	0.0020		**< 0.0020**	mg/L	5	02/12/2024 14:21	218485

Laboratory Results

http://www.teklabinc.com/

Client: Ramboll **Work Order:** 24011852

Client Project: BAL-24Q1 **Report Date:** 29-Feb-24

Lab ID: 24011852-016 **Client Sample ID:** MW-352

Matrix: GROUNDWATER **Collection Date:** 02/07/2024 11:46

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00007	0.00020		**< 0.00020**	mg/L	1	02/09/2024 11:48	218483

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24011852

Client Project: BAL-24Q1 **Report Date:** 29-Feb-24

Lab ID: 24011852-019 **Client Sample ID:** MW-358

Matrix: GROUNDWATER **Collection Date:** 02/06/2024 15:22

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**5.80**	ft	1	02/06/2024 15:22	R342943
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**48**	NTU	1	02/06/2024 15:22	R342943
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		**-170**	mV	1	02/06/2024 15:22	R342943
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**3500**	µS/cm	1	02/06/2024 15:22	R342943
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**13.3**	°C	1	02/06/2024 15:22	R342943
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**0.76**	mg/L	1	02/06/2024 15:22	R342943
SW-846 9040B FIELD									
pH	*	0	1.00		**7.91**		1	02/06/2024 15:22	R342943
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**712**	mg/L	1	02/07/2024 11:25	R342763
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	02/07/2024 11:25	R342763
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		**2280**	mg/L	1	02/07/2024 11:31	R342824
SW-846 9036 (TOTAL)									
Sulfate	NELAP	12	20		**20**	mg/L	2	02/08/2024 10:43	R342832
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**2.40**	mg/L	1	02/07/2024 13:31	R342758
SW-846 9251 (TOTAL)									
Chloride	NELAP	25	200		**917**	mg/L	50	02/07/2024 18:00	R342770
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		**30.3**	mg/L	1	02/08/2024 10:57	218407
Magnesium	NELAP	0.0055	0.0500		**16.8**	mg/L	1	02/08/2024 10:57	218407
Potassium	NELAP	0.0400	0.100		**3.72**	mg/L	1	02/08/2024 10:57	218407
Sodium	NELAP	0.180	0.500		**742**	mg/L	10	02/09/2024 15:43	218407
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010	J	**0.0009**	mg/L	5	02/09/2024 1:57	218407
Arsenic	NELAP	0.0004	0.0010		**0.0062**	mg/L	5	02/09/2024 1:57	218407
Barium	NELAP	0.0007	0.0010		**0.215**	mg/L	5	02/09/2024 1:57	218407
Beryllium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	02/09/2024 1:57	218407
Boron	NELAP	0.0092	0.0250		**0.771**	mg/L	5	02/09/2024 19:56	218407
Cadmium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	02/09/2024 1:57	218407
Chromium	NELAP	0.0007	0.0015	J	**0.0011**	mg/L	5	02/12/2024 11:41	218407
Cobalt	NELAP	0.0001	0.0010	J	**0.0009**	mg/L	5	02/09/2024 1:57	218407
Lead	NELAP	0.0006	0.0010	J	**0.0008**	mg/L	5	02/09/2024 19:56	218407
Lithium	*	0.0015	0.0030		**0.115**	mg/L	5	02/09/2024 1:57	218407
Molybdenum	NELAP	0.0006	0.0015		**0.0041**	mg/L	5	02/12/2024 11:41	218407
Selenium	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	02/09/2024 1:57	218407
Thallium	NELAP	0.0010	0.0020		**< 0.0020**	mg/L	5	02/12/2024 11:41	218407

Laboratory Results

http://www.teklabinc.com/

Client: Ramboll **Work Order:** 24011852

Client Project: BAL-24Q1 **Report Date:** 29-Feb-24

Lab ID: 24011852-019 **Client Sample ID:** MW-358

Matrix: GROUNDWATER **Collection Date:** 02/06/2024 15:22

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		**< 0.00020**	mg/L	1	02/08/2024 10:43	218405

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24011852

Client Project: BAL-24Q1 **Report Date:** 29-Feb-24

Lab ID: 24011852-020 **Client Sample ID:** MW-366

Matrix: GROUNDWATER **Collection Date:** 02/07/2024 10:23

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**14.31**	ft	1	02/07/2024 10:23	R342943
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**20**	NTU	1	02/07/2024 10:23	R342943
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		**147**	mV	1	02/07/2024 10:23	R342943
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**1530**	µS/cm	1	02/07/2024 10:23	R342943
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**13.8**	°C	1	02/07/2024 10:23	R342943
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**1.35**	mg/L	1	02/07/2024 10:23	R342943
SW-846 9040B FIELD									
pH	*	0	1.00		**6.58**		1	02/07/2024 10:23	R342943
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**356**	mg/L	1	02/08/2024 14:00	R342815
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	02/08/2024 14:00	R342815
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	40	50		**1400**	mg/L	2.5	02/09/2024 9:00	R342937
SW-846 9036 (TOTAL)									
Sulfate	NELAP	123	200		**791**	mg/L	20	02/08/2024 17:09	R342832
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**0.35**	mg/L	1	02/08/2024 13:09	R342811
SW-846 9251 (TOTAL)									
Chloride	NELAP	1	8		**58**	mg/L	2	02/09/2024 17:04	R342839
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		**256**	mg/L	1	02/09/2024 16:33	218485
Magnesium	NELAP	0.0055	0.0500		**107**	mg/L	1	02/09/2024 16:33	218485
Potassium	NELAP	0.0400	0.100		**4.40**	mg/L	1	02/09/2024 16:33	218485
Sodium	NELAP	0.0180	0.0500		**73.8**	mg/L	1	02/09/2024 16:33	218485
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010	J	**0.0006**	mg/L	5	02/10/2024 0:08	218485
Arsenic	NELAP	0.0004	0.0010	J	**0.0005**	mg/L	5	02/10/2024 0:08	218485
Barium	NELAP	0.0007	0.0010		**0.0348**	mg/L	5	02/10/2024 0:08	218485
Beryllium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	02/10/2024 0:08	218485
Boron	NELAP	0.0092	0.0250		**3.00**	mg/L	5	02/12/2024 14:32	218485
Cadmium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	02/10/2024 0:08	218485
Chromium	NELAP	0.0010	0.0015		**< 0.0015**	mg/L	5	02/12/2024 14:32	218485
Cobalt	NELAP	0.0001	0.0010	J	**0.0006**	mg/L	5	02/10/2024 0:08	218485
Lead	NELAP	0.0008	0.0010		**< 0.0010**	mg/L	5	02/10/2024 0:08	218485
Lithium	*	0.0015	0.0030		**0.0115**	mg/L	5	02/10/2024 0:08	218485
Molybdenum	NELAP	0.0006	0.0015		**0.0030**	mg/L	5	02/12/2024 14:32	218485
Selenium	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	02/10/2024 0:08	218485
Thallium	NELAP	0.0010	0.0020		**< 0.0020**	mg/L	5	02/12/2024 14:32	218485

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24011852

Client Project: BAL-24Q1 **Report Date:** 29-Feb-24

Lab ID: 24011852-020 **Client Sample ID:** MW-366

Matrix: GROUNDWATER **Collection Date:** 02/07/2024 10:23

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00007	0.00020		**< 0.00020**	mg/L	1	02/09/2024 11:53	218483

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24011852

Client Project: BAL-24Q1 **Report Date:** 29-Feb-24

Lab ID: 24011852-023 **Client Sample ID:** MW-375

Matrix: GROUNDWATER **Collection Date:** 02/07/2024 13:24

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**33.91**	ft	1	02/07/2024 13:24	R342943
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**14**	NTU	1	02/07/2024 13:24	R342943
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		**70**	mV	1	02/07/2024 13:24	R342943
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**1520**	µS/cm	1	02/07/2024 13:24	R342943
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**14.1**	°C	1	02/07/2024 13:24	R342943
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**0.48**	mg/L	1	02/07/2024 13:24	R342943
SW-846 9040B FIELD									
pH	*	0	1.00		**7.66**		1	02/07/2024 13:24	R342943
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**595**	mg/L	1	02/08/2024 14:07	R342815
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	02/08/2024 14:07	R342815
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		**910**	mg/L	1	02/09/2024 9:07	R342937
SW-846 9036 (TOTAL)									
Sulfate	NELAP	31	50		**110**	mg/L	5	02/08/2024 17:12	R342832
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**2.30**	mg/L	1	02/08/2024 13:12	R342811
SW-846 9251 (TOTAL)									
Chloride	NELAP	2	20		**102**	mg/L	5	02/09/2024 17:12	R342839
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		**11.1**	mg/L	1	02/09/2024 16:33	218485
Magnesium	NELAP	0.0055	0.0500		**5.77**	mg/L	1	02/09/2024 16:33	218485
Potassium	NELAP	0.0400	0.100		**2.82**	mg/L	1	02/09/2024 16:33	218485
Sodium	NELAP	0.0180	0.0500		**376**	mg/L	1	02/09/2024 16:33	218485
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010	J	**0.0008**	mg/L	5	02/10/2024 0:13	218485
Arsenic	NELAP	0.0004	0.0010		**0.0014**	mg/L	5	02/10/2024 0:13	218485
Barium	NELAP	0.0007	0.0010		**0.0221**	mg/L	5	02/10/2024 0:13	218485
Beryllium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	02/10/2024 0:13	218485
Boron	NELAP	0.0092	0.0250		**1.41**	mg/L	5	02/12/2024 15:36	218485
Cadmium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	02/10/2024 0:13	218485
Chromium	NELAP	0.0010	0.0015		**< 0.0015**	mg/L	5	02/12/2024 15:36	218485
Cobalt	NELAP	0.0001	0.0010	J	**0.0001**	mg/L	5	02/10/2024 0:13	218485
Lead	NELAP	0.0008	0.0010		**< 0.0010**	mg/L	5	02/10/2024 0:13	218485
Lithium	*	0.0015	0.0030		**0.0736**	mg/L	5	02/10/2024 0:13	218485
Molybdenum	NELAP	0.0006	0.0015		**0.0271**	mg/L	5	02/12/2024 15:36	218485
Selenium	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	02/10/2024 0:13	218485
Thallium	NELAP	0.0010	0.0020	J	**0.0013**	mg/L	5	02/13/2024 10:17	218485

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

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24011852

Client Project: BAL-24Q1 **Report Date:** 29-Feb-24

Lab ID: 24011852-023 **Client Sample ID:** MW-375

Matrix: GROUNDWATER **Collection Date:** 02/07/2024 13:24

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00007	0.00020		**< 0.00020**	mg/L	1	02/09/2024 11:55	218483

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24011852

Client Project: BAL-24Q1 **Report Date:** 29-Feb-24

Lab ID: 24011852-024 **Client Sample ID:** MW-377

Matrix: GROUNDWATER **Collection Date:** 02/07/2024 13:33

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**6.72**	ft	1	02/07/2024 13:33	R342943
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**7.4**	NTU	1	02/07/2024 13:33	R342943
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		**130**	mV	1	02/07/2024 13:33	R342943
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**891**	µS/cm	1	02/07/2024 13:33	R342943
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**14.6**	°C	1	02/07/2024 13:33	R342943
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**1.52**	mg/L	1	02/07/2024 13:33	R342943
SW-846 9040B FIELD									
pH	*	0	1.00		**7.10**		1	02/07/2024 13:33	R342943
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**436**	mg/L	1	02/08/2024 14:14	R342815
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	02/08/2024 14:14	R342815
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		**628**	mg/L	1	02/09/2024 9:08	R342937
SW-846 9036 (TOTAL)									
Sulfate	NELAP	31	50		**52**	mg/L	5	02/08/2024 17:17	R342832
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**1.18**	mg/L	1	02/08/2024 13:13	R342811
SW-846 9251 (TOTAL)									
Chloride	NELAP	2	20		**106**	mg/L	5	02/09/2024 17:17	R342839
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		**58.1**	mg/L	1	02/09/2024 16:34	218485
Magnesium	NELAP	0.0055	0.0500		**38.3**	mg/L	1	02/09/2024 16:34	218485
Potassium	NELAP	0.0400	0.100		**3.62**	mg/L	1	02/09/2024 16:34	218485
Sodium	NELAP	0.0180	0.0500		**137**	mg/L	1	02/09/2024 16:34	218485
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		**< 0.0010**	mg/L	5	02/10/2024 0:19	218485
Arsenic	NELAP	0.0004	0.0010		**0.0013**	mg/L	5	02/10/2024 0:19	218485
Barium	NELAP	0.0007	0.0010		**0.0605**	mg/L	5	02/10/2024 0:19	218485
Beryllium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	02/10/2024 0:19	218485
Boron	NELAP	0.0092	0.0250		**1.79**	mg/L	5	02/12/2024 15:41	218485
Cadmium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	02/10/2024 0:19	218485
Chromium	NELAP	0.0010	0.0015		**< 0.0015**	mg/L	5	02/12/2024 15:41	218485
Cobalt	NELAP	0.0001	0.0010		**0.0014**	mg/L	5	02/10/2024 0:19	218485
Lead	NELAP	0.0008	0.0010		**< 0.0010**	mg/L	5	02/10/2024 0:19	218485
Lithium	*	0.0015	0.0030		**0.0653**	mg/L	5	02/10/2024 0:19	218485
Molybdenum	NELAP	0.0006	0.0015	J	**0.0010**	mg/L	5	02/12/2024 15:41	218485
Selenium	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	02/10/2024 0:19	218485
Thallium	NELAP	0.0010	0.0020	J	**0.0014**	mg/L	5	02/12/2024 15:41	218485

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24011852

Client Project: BAL-24Q1 **Report Date:** 29-Feb-24

Lab ID: 24011852-024 **Client Sample ID:** MW-377

Matrix: GROUNDWATER **Collection Date:** 02/07/2024 13:33

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00007	0.00020		**< 0.00020**	mg/L	1	02/09/2024 11:58	218483

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24011852

Client Project: BAL-24Q1 **Report Date:** 29-Feb-24

Lab ID: 24011852-026 **Client Sample ID:** MW-383

Matrix: GROUNDWATER **Collection Date:** 02/06/2024 14:14

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**19.70**	ft	1	02/06/2024 14:14	R342943
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**16**	NTU	1	02/06/2024 14:14	R342943
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		**67**	mV	1	02/06/2024 14:14	R342943
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**1180**	µS/cm	1	02/06/2024 14:14	R342943
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**16.2**	°C	1	02/06/2024 14:14	R342943
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**1.26**	mg/L	1	02/06/2024 14:14	R342943
SW-846 9040B FIELD									
pH	*	0	1.00		**7.60**		1	02/06/2024 14:14	R342943
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**571**	mg/L	1	02/07/2024 11:54	R342763
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	02/07/2024 11:54	R342763
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		**918**	mg/L	1	02/07/2024 11:50	R342824
SW-846 9036 (TOTAL)									
Sulfate	NELAP	61	100		**158**	mg/L	10	02/07/2024 18:42	R342767
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**0.83**	mg/L	1	02/07/2024 13:39	R342758
SW-846 9251 (TOTAL)									
Chloride	NELAP	1	4		**50**	mg/L	1	02/07/2024 18:37	R342770
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		**17.0**	mg/L	1	02/08/2024 11:08	218407
Magnesium	NELAP	0.0055	0.0500		**6.45**	mg/L	1	02/08/2024 11:08	218407
Potassium	NELAP	0.0400	0.100		**2.43**	mg/L	1	02/08/2024 11:08	218407
Sodium	NELAP	0.0180	0.0500		**347**	mg/L	1	02/08/2024 11:08	218407
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		**< 0.0010**	mg/L	5	02/09/2024 2:20	218407
Arsenic	NELAP	0.0004	0.0010	J	**0.0008**	mg/L	5	02/09/2024 2:20	218407
Barium	NELAP	0.0007	0.0010		**0.0925**	mg/L	5	02/09/2024 2:20	218407
Beryllium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	02/09/2024 2:20	218407
Boron	NELAP	0.0092	0.0250		**1.39**	mg/L	5	02/09/2024 20:17	218407
Cadmium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	02/09/2024 2:20	218407
Chromium	NELAP	0.0007	0.0015		**0.0019**	mg/L	5	02/12/2024 12:44	218407
Cobalt	NELAP	0.0001	0.0010	J	**0.0009**	mg/L	5	02/09/2024 2:20	218407
Lead	NELAP	0.0006	0.0010		**0.0018**	mg/L	5	02/09/2024 2:20	218407
Lithium	*	0.0015	0.0030		**0.0521**	mg/L	5	02/09/2024 2:20	218407
Molybdenum	NELAP	0.0006	0.0015		**0.0156**	mg/L	5	02/12/2024 12:44	218407
Selenium	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	02/09/2024 2:20	218407
Thallium	NELAP	0.0010	0.0020		**< 0.0020**	mg/L	5	02/12/2024 12:44	218407

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24011852

Client Project: BAL-24Q1 **Report Date:** 29-Feb-24

Lab ID: 24011852-026 **Client Sample ID:** MW-383

Matrix: GROUNDWATER **Collection Date:** 02/06/2024 14:14

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		**< 0.00020**	mg/L	1	02/08/2024 10:52	218405

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24011852

Client Project: BAL-24Q1 **Report Date:** 29-Feb-24

Lab ID: 24011852-027 **Client Sample ID:** MW-384

Matrix: GROUNDWATER **Collection Date:** 02/06/2024 13:31

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**16.04**	ft	1	02/06/2024 13:31	R342943
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**12**	NTU	1	02/06/2024 13:31	R342943
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		**45**	mV	1	02/06/2024 13:31	R342943
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**2210**	µS/cm	1	02/06/2024 13:31	R342943
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**16.4**	°C	1	02/06/2024 13:31	R342943
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**1.54**	mg/L	1	02/06/2024 13:31	R342943
SW-846 9040B FIELD									
pH	*	0	1.00		**8.05**		1	02/06/2024 13:31	R342943
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**617**	mg/L	1	02/07/2024 13:04	R342763
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	02/07/2024 13:04	R342763
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		**1590**	mg/L	1	02/07/2024 11:51	R342824
SW-846 9036 (TOTAL)									
Sulfate	NELAP	6	10		**34**	mg/L	1	02/08/2024 10:51	R342832
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**4.52**	mg/L	1	02/07/2024 13:49	R342758
SW-846 9251 (TOTAL)									
Chloride	NELAP	10	80		**512**	mg/L	20	02/07/2024 18:50	R342770
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		**15.8**	mg/L	1	02/08/2024 11:09	218407
Magnesium	NELAP	0.0055	0.0500		**6.27**	mg/L	1	02/08/2024 11:09	218407
Potassium	NELAP	0.0400	0.100		**2.62**	mg/L	1	02/08/2024 11:09	218407
Sodium	NELAP	0.180	0.500		**579**	mg/L	10	02/09/2024 15:44	218407
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		**< 0.0010**	mg/L	5	02/09/2024 2:26	218407
Arsenic	NELAP	0.0004	0.0010	J	**0.0006**	mg/L	5	02/09/2024 2:26	218407
Barium	NELAP	0.0007	0.0010		**0.0985**	mg/L	5	02/09/2024 2:26	218407
Beryllium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	02/09/2024 2:26	218407
Boron	NELAP	0.0092	0.0250		**1.44**	mg/L	5	02/09/2024 20:22	218407
Cadmium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	02/09/2024 2:26	218407
Chromium	NELAP	0.0007	0.0015		**0.0034**	mg/L	5	02/12/2024 12:49	218407
Cobalt	NELAP	0.0001	0.0010		**0.0010**	mg/L	5	02/09/2024 2:26	218407
Lead	NELAP	0.0006	0.0010		**0.0014**	mg/L	5	02/09/2024 2:26	218407
Lithium	*	0.0015	0.0030		**0.0660**	mg/L	5	02/09/2024 2:26	218407
Molybdenum	NELAP	0.0006	0.0015		**0.0170**	mg/L	5	02/12/2024 12:49	218407
Selenium	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	02/09/2024 2:26	218407
Thallium	NELAP	0.0010	0.0020		**< 0.0020**	mg/L	5	02/12/2024 12:49	218407

Laboratory Results

Client: Ramboll **Work Order:** 24011852

Client Project: BAL-24Q1 **Report Date:** 29-Feb-24

Lab ID: 24011852-027 **Client Sample ID:** MW-384

Matrix: GROUNDWATER **Collection Date:** 02/06/2024 13:31

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		**< 0.00020**	mg/L	1	02/08/2024 10:59	218405

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24011852

Client Project: BAL-24Q1 **Report Date:** 29-Feb-24

Lab ID: 24011852-028 **Client Sample ID:** MW-390

Matrix: GROUNDWATER **Collection Date:** 02/06/2024 12:58

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**8.25**	ft	1	02/06/2024 12:58	R342943
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**13**	NTU	1	02/06/2024 12:58	R342943
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		**12**	mV	1	02/06/2024 12:58	R342943
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**2180**	µS/cm	1	02/06/2024 12:58	R342943
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**13.8**	°C	1	02/06/2024 12:58	R342943
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**2.59**	mg/L	1	02/06/2024 12:58	R342943
SW-846 9040B FIELD									
pH	*	0	1.00		**7.12**		1	02/06/2024 12:58	R342943
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**428**	mg/L	1	02/07/2024 13:11	R342763
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	02/07/2024 13:11	R342763
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		**1380**	mg/L	1	02/07/2024 11:51	R342824
SW-846 9036 (TOTAL)									
Sulfate	NELAP	123	200		**327**	mg/L	20	02/08/2024 10:56	R342832
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**1.47**	mg/L	1	02/07/2024 13:51	R342758
SW-846 9251 (TOTAL)									
Chloride	NELAP	10	80		**315**	mg/L	20	02/09/2024 10:56	R342839
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		**60.7**	mg/L	1	02/08/2024 11:09	218407
Magnesium	NELAP	0.0055	0.0500		**33.4**	mg/L	1	02/08/2024 11:09	218407
Potassium	NELAP	0.0400	0.100		**4.19**	mg/L	1	02/08/2024 11:09	218407
Sodium	NELAP	0.0180	0.0500		**270**	mg/L	1	02/08/2024 11:09	218407
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		**< 0.0010**	mg/L	5	02/09/2024 3:13	218407
Arsenic	NELAP	0.0004	0.0010		**0.0019**	mg/L	5	02/09/2024 3:13	218407
Barium	NELAP	0.0007	0.0010		**0.0311**	mg/L	5	02/09/2024 3:13	218407
Beryllium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	02/09/2024 3:13	218407
Boron	NELAP	0.0092	0.0250		**1.36**	mg/L	5	02/09/2024 21:06	218407
Cadmium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	02/09/2024 3:13	218407
Chromium	NELAP	0.0007	0.0015		**< 0.0015**	mg/L	5	02/12/2024 12:55	218407
Cobalt	NELAP	0.0001	0.0010	J	**0.0005**	mg/L	5	02/09/2024 3:13	218407
Lead	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	02/09/2024 3:13	218407
Lithium	*	0.0015	0.0030		**0.0639**	mg/L	5	02/09/2024 3:13	218407
Molybdenum	NELAP	0.0006	0.0015		**0.0024**	mg/L	5	02/12/2024 12:55	218407
Selenium	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	02/09/2024 3:13	218407
Thallium	NELAP	0.0010	0.0020		**< 0.0020**	mg/L	5	02/12/2024 12:55	218407

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24011852

Client Project: BAL-24Q1 **Report Date:** 29-Feb-24

Lab ID: 24011852-028 **Client Sample ID:** MW-390

Matrix: GROUNDWATER **Collection Date:** 02/06/2024 12:58

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		**< 0.00020**	mg/L	1	02/08/2024 11:02	218405

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24011852

Client Project: BAL-24Q1 **Report Date:** 29-Feb-24

Lab ID: 24011852-029 **Client Sample ID:** MW-391

Matrix: GROUNDWATER **Collection Date:** 02/09/2024 8:58

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**70.46**	ft	1	02/09/2024 8:58	R342943
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**37**	NTU	1	02/09/2024 8:58	R342943
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		**142**	mV	1	02/09/2024 8:58	R342943
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**3280**	µS/cm	1	02/09/2024 8:58	R342943
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**14.4**	°C	1	02/09/2024 8:58	R342943
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**3.76**	mg/L	1	02/09/2024 8:58	R342943
SW-846 9040B FIELD									
pH	*	0	1.00		**7.06**		1	02/09/2024 8:58	R342943

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24011852

Client Project: BAL-24Q1 **Report Date:** 29-Feb-24

Lab ID: 24011852-043 **Client Sample ID:** Field Blank

Matrix: AQUEOUS **Collection Date:** 02/08/2024 10:36

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		**0**	mg/L	1	02/09/2024 11:17	R342848
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	02/09/2024 11:17	R342848
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		**24**	mg/L	1	02/09/2024 13:06	R342937
SW-846 9036 (TOTAL)									
Sulfate	NELAP	6	10		**< 10**	mg/L	1	02/13/2024 10:55	R342992
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**< 0.10**	mg/L	1	02/09/2024 11:32	R342864
SW-846 9251 (TOTAL)									
Chloride	NELAP	1	4		**< 4**	mg/L	1	02/13/2024 10:56	R342995
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		**< 0.100**	mg/L	1	02/12/2024 9:23	218539
Magnesium	NELAP	0.0055	0.0500		**< 0.0500**	mg/L	1	02/12/2024 9:23	218539
Potassium	NELAP	0.0400	0.100		**< 0.100**	mg/L	1	02/12/2024 9:23	218539
Sodium	NELAP	0.0180	0.0500		**< 0.0500**	mg/L	1	02/12/2024 9:23	218539
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		**0.0015**	mg/L	5	02/13/2024 1:11	218539
Arsenic	NELAP	0.0004	0.0010		**< 0.0010**	mg/L	5	02/13/2024 1:11	218539
Barium	NELAP	0.0007	0.0010		**< 0.0010**	mg/L	5	02/13/2024 1:11	218539
Beryllium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	02/13/2024 12:35	218539
Boron	NELAP	0.0092	0.0250		**< 0.0250**	mg/L	5	02/13/2024 12:35	218539
Cadmium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	02/13/2024 1:11	218539
Chromium	NELAP	0.0007	0.0015	J	**0.0009**	mg/L	5	02/13/2024 12:35	218539
Cobalt	NELAP	0.0001	0.0010		**< 0.0010**	mg/L	5	02/13/2024 12:35	218539
Lead	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	02/13/2024 1:11	218539
Lithium	*	0.0015	0.0030		**< 0.0030**	mg/L	5	02/13/2024 12:35	218539
Molybdenum	NELAP	0.0006	0.0015	J	**0.0006**	mg/L	5	02/13/2024 1:11	218539
Selenium	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	02/13/2024 1:11	218539
Thallium	NELAP	0.0010	0.0020		**< 0.0020**	mg/L	5	02/23/2024 22:16	219088
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020	J	**0.00019**	mg/L	1	02/12/2024 10:58	218551

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24011852

Client Project: BAL-24Q1 **Report Date:** 29-Feb-24

Lab ID: 24011852-044 **Client Sample ID:** MW-304 Duplicate

Matrix: GROUNDWATER **Collection Date:** 02/05/2024 12:54

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**9.52**	ft	1	02/05/2024 12:54	R342943
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**6.8**	NTU	1	02/05/2024 12:54	R342943
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		**92**	mV	1	02/05/2024 12:54	R342943
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**2280**	µS/cm	1	02/05/2024 12:54	R342943
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**14.8**	°C	1	02/05/2024 12:54	R342943
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**0.51**	mg/L	1	02/05/2024 12:54	R342943
SW-846 9040B FIELD									
pH	*	0	1.00		**7.70**		1	02/05/2024 12:54	R342943
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**848**	mg/L	1	02/07/2024 10:09	R342763
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	02/07/2024 10:09	R342763
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		**1420**	mg/L	1	02/06/2024 15:08	R342760
SW-846 9036 (TOTAL)									
Sulfate	NELAP	61	100		**192**	mg/L	10	02/07/2024 11:04	R342767
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**1.77**	mg/L	1	02/07/2024 11:15	R342758
SW-846 9251 (TOTAL)									
Chloride	NELAP	5	40		**158**	mg/L	10	02/07/2024 11:04	R342770
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.350	1.00		**11.9**	mg/L	10	02/09/2024 16:06	218349
Magnesium	NELAP	0.0550	0.500		**4.59**	mg/L	10	02/09/2024 16:06	218349
Potassium	NELAP	0.0400	0.100		**2.23**	mg/L	1	02/08/2024 15:42	218349
Sodium	NELAP	0.180	0.500	S	**565**	mg/L	10	02/09/2024 16:06	218349
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	02/08/2024 4:21	218349
Arsenic	NELAP	0.0004	0.0010		**0.0043**	mg/L	5	02/08/2024 4:21	218349
Barium	NELAP	0.0007	0.0010		**0.0281**	mg/L	5	02/08/2024 4:21	218349
Beryllium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	02/08/2024 4:21	218349
Boron	NELAP	0.0092	0.0250		**1.56**	mg/L	5	02/08/2024 23:38	218349
Cadmium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	02/08/2024 4:21	218349
Chromium	NELAP	0.0007	0.0015		**< 0.0015**	mg/L	5	02/08/2024 4:21	218349
Cobalt	NELAP	0.0001	0.0010		**< 0.0010**	mg/L	5	02/08/2024 4:21	218349
Lead	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	02/08/2024 4:21	218349
Lithium	*	0.0015	0.0030		**0.0765**	mg/L	5	02/08/2024 23:38	218349
Molybdenum	NELAP	0.0006	0.0015	J	**0.0006**	mg/L	5	02/09/2024 18:24	218349
Selenium	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	02/08/2024 4:21	218349
Thallium	NELAP	0.0010	0.0020		**< 0.0020**	mg/L	5	02/12/2024 10:26	218349

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24011852

Client Project: BAL-24Q1 **Report Date:** 29-Feb-24

Lab ID: 24011852-044 **Client Sample ID:** MW-304 Duplicate

Matrix: GROUNDWATER **Collection Date:** 02/05/2024 12:54

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		**< 0.00020**	mg/L	1	02/08/2024 11:31	218405

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24011852

Client Project: BAL-24Q1 **Report Date:** 29-Feb-24

Lab ID: 24011852-045 **Client Sample ID:** Equipment Blank 1

Matrix: AQUEOUS **Collection Date:** 02/08/2024 10:42

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		**0**	mg/L	1	02/09/2024 11:20	R342848
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	02/09/2024 11:20	R342848
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		**20**	mg/L	1	02/09/2024 13:06	R342937
SW-846 9036 (TOTAL)									
Sulfate	NELAP	6	10		**< 10**	mg/L	1	02/13/2024 11:01	R342992
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**< 0.10**	mg/L	1	02/09/2024 11:34	R342864
SW-846 9251 (TOTAL)									
Chloride	NELAP	1	4		**< 4**	mg/L	1	02/13/2024 11:01	R342995
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.035	0.10	J	**0.058**	mg/L	1	02/12/2024 9:24	218539
Magnesium	NELAP	0.0055	0.050	J	**0.019**	mg/L	1	02/12/2024 9:24	218539
Potassium	NELAP	0.0400	0.100		**< 0.100**	mg/L	1	02/12/2024 9:24	218539
Sodium	NELAP	0.018	0.050	J	**0.037**	mg/L	1	02/12/2024 9:24	218539
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		**< 0.0010**	mg/L	5	02/13/2024 0:13	218539
Arsenic	NELAP	0.0004	0.0010		**< 0.0010**	mg/L	5	02/13/2024 0:13	218539
Barium	NELAP	0.0007	0.0010		**< 0.0010**	mg/L	5	02/13/2024 0:13	218539
Beryllium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	02/13/2024 0:13	218539
Boron	NELAP	0.0092	0.0250		**< 0.0250**	mg/L	5	02/13/2024 11:31	218539
Cadmium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	02/13/2024 0:13	218539
Chromium	NELAP	0.0009	0.0015	J	**0.0010**	mg/L	5	02/13/2024 0:13	218539
Cobalt	NELAP	0.0001	0.0010		**< 0.0010**	mg/L	5	02/13/2024 0:13	218539
Lead	NELAP	0.0006	0.0010		**0.0043**	mg/L	5	02/13/2024 0:13	218539
Lithium	*	0.0015	0.0030		**< 0.0030**	mg/L	5	02/13/2024 11:31	218539
Molybdenum	NELAP	0.0006	0.0015		**< 0.0015**	mg/L	5	02/13/2024 0:13	218539
Selenium	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	02/13/2024 0:13	218539
Thallium	NELAP	0.0010	0.0020		**< 0.0020**	mg/L	5	02/13/2024 11:31	218539
CCV recovered outside the upper control limits for Tl. Sample results are below the reporting limit. Data is reportable per the TNI standard.									
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020	J	**0.00007**	mg/L	1	02/12/2024 11:00	218551

Teklab, Inc. Environmental Laboratory

Sample Summary

Client: Ramboll
Client Project: BAL-24Q1

Work Order: 24011852
Report Date: 29-Feb-24

Lab Sample ID	Client Sample ID	Matrix	Fractions	Collection Date
24011852-003	MW-150	Groundwater	4	02/07/2024 11:12
24011852-004	MW-151	Groundwater	4	02/07/2024 11:26
24011852-005	MW-152	Groundwater	4	02/07/2024 13:05
24011852-006	MW-153	Groundwater	4	02/08/2024 9:48
24011852-011	MW-252	Groundwater	4	02/07/2024 12:02
24011852-012	MW-253	Groundwater	4	02/08/2024 10:36
24011852-013	MW-304	Groundwater	4	02/05/2024 12:54
24011852-014	MW-306	Groundwater	4	02/07/2024 9:29
24011852-015	MW-350	Groundwater	4	02/07/2024 11:56
24011852-016	MW-352	Groundwater	4	02/07/2024 11:46
24011852-019	MW-358	Groundwater	2	02/06/2024 15:22
24011852-020	MW-366	Groundwater	2	02/07/2024 10:23
24011852-023	MW-375	Groundwater	2	02/07/2024 13:24
24011852-024	MW-377	Groundwater	2	02/07/2024 13:33
24011852-026	MW-383	Groundwater	2	02/06/2024 14:14
24011852-027	MW-384	Groundwater	2	02/06/2024 13:31
24011852-028	MW-390	Groundwater	2	02/06/2024 12:58
24011852-029	MW-391	Groundwater	2	02/09/2024 8:58
24011852-043	Field Blank	Aqueous	4	02/08/2024 10:36
24011852-044	MW-304 Duplicate	Groundwater	4	02/05/2024 12:54
24011852-045	Equipment Blank 1	Aqueous	4	02/08/2024 10:42

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24011852

Client Project: BAL-24Q1 **Report Date:** 29-Feb-24

STANDARD METHODS 2510 B FIELD

Batch R342943 **SampType:** LCS Units **µS/cm**
SampID: LCS-R342943-1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Spec. Conductance, Field	*	0		**1420**	1412	0	100.3	90	110	02/06/2024

Batch R342943 **SampType:** LCS Units **µS/cm**
SampID: LCS-R342943-2

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	02/07/2024

Batch R342943 **SampType:** LCS Units **µS/cm**
SampID: LCS-R342943-3

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	02/08/2024

Batch R342943 **SampType:** LCS Units **µS/cm**
SampID: LCS-R342943-4

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Spec. Conductance, Field	*	0		**1420**	1412	0	100.4	90	110	02/09/2024

Batch R342943 **SampType:** LCS Units **µS/cm**
SampID: LCS-R342943-5

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Spec. Conductance, Field	*	0		**1400**	1412	0	99.5	90	110	02/05/2024

Batch R342943 **SampType:** LCS Units **µS/cm**
SampID: LCS-R342943-6

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	02/06/2024

Batch R342943 **SampType:** LCS Units **µS/cm**
SampID: LCS-R342943-7

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	02/07/2024

Batch R342943 **SampType:** LCS Units **µS/cm**
SampID: LCS-R342943-8

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	02/08/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24011852

Client Project: BAL-24Q1 **Report Date:** 29-Feb-24

SW-846 9040B FIELD

Batch R342943 **SampType:** LCS Units

SampID: LCS-R342943-1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
pH	*	1.00		**7.02**	7.000	0	100.3	98.57	101.4	02/06/2024

Batch R342943 **SampType:** LCS Units

SampID: LCS-R342943-2

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	02/07/2024

Batch R342943 **SampType:** LCS Units

SampID: LCS-R342943-3

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
pH	*	1.00		**7.02**	7.000	0	100.3	98.57	101.4	02/08/2024

Batch R342943 **SampType:** LCS Units

SampID: LCS-R342943-4

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
pH	*	1.00		**7.02**	7.000	0	100.3	98.57	101.4	02/09/2024

Batch R342943 **SampType:** LCS Units

SampID: LCS-R342943-5

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
pH	*	1.00		**7.08**	7.000	0	101.1	98.57	101.4	02/05/2024

Batch R342943 **SampType:** LCS Units

SampID: LCS-R342943-6

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
pH	*	1.00		**7.09**	7.000	0	101.3	98.57	101.4	02/06/2024

Batch R342943 **SampType:** LCS Units

SampID: LCS-R342943-7

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
pH	*	1.00		**7.09**	7.000	0	101.3	98.57	101.4	02/07/2024

Batch R342943 **SampType:** LCS Units

SampID: LCS-R342943-8

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
pH	*	1.00		**7.09**	7.000	0	101.3	98.57	101.4	02/08/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24011852

Client Project: BAL-24Q1 **Report Date:** 29-Feb-24

STANDARD METHODS 2540 C (TOTAL) 1997, 2011

Batch R342760 **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	02/06/2024
Total Dissolved Solids		20		**< 20**	16.00	0	0	-100	100	02/06/2024

Batch R342760 **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		**936**	1000	0	93.6	90	110	02/06/2024
Total Dissolved Solids		20		**934**	1000	0	93.4	90	110	02/06/2024

Batch R342760 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 24011852-001ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		20		**608**				610.0	0.33	02/06/2024

Batch R342760 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 24020221-001ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		20		**2940**				2932	0.20	02/06/2024

Batch R342824 **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	02/07/2024
Total Dissolved Solids		20		**< 20**	16.00	0	0	-100	100	02/07/2024

Batch R342824 **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		**948**	1000	0	94.8	90	110	02/07/2024
Total Dissolved Solids		20		**966**	1000	0	96.6	90	110	02/07/2024

Batch R342824 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 24020179-001BDUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		50		**475**				515.0	8.08	02/07/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24011852

Client Project: BAL-24Q1 **Report Date:** 29-Feb-24

STANDARD METHODS 2540 C (TOTAL) 1997, 2011

Batch R342824 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 24020406-003BDUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		20		**180**				174.0	3.39	02/07/2024

Batch R342824 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 24020446-001ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		50		**2560**				2550	0.39	02/07/2024

Batch R342937 **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	02/09/2024
Total Dissolved Solids		20	J	**16**	16.00	0	100.0	-100	100	02/09/2024
Total Dissolved Solids		20	J	**16**	16.00	0	100.0	-100	100	02/09/2024

Batch R342937 **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		**952**	1000	0	95.2	90	110	02/09/2024
Total Dissolved Solids		20		**956**	1000	0	95.6	90	110	02/09/2024
Total Dissolved Solids		20		**918**	1000	0	91.8	90	110	02/09/2024

Batch R342937 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 24011852-012ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		20		**404**				410.0	1.47	02/09/2024

Batch R342937 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 24011852-035ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		20		**502**				492.0	2.01	02/09/2024

Batch R342937 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 24020602-010ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		50		**325**				330.0	1.53	02/09/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24011852

Client Project: BAL-24Q1 **Report Date:** 29-Feb-24

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

Batch R342698 **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	02/06/2024

Batch R342698 **SampType:** LCS Units **mg/L**
SampID: LCS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.31**	0.3045	0	100.8	90	110	02/06/2024

Batch R342698 **SampType:** MS Units **mg/L**
SampID: 24020311-001BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.55**	0.5000	0	110.8	85	115	02/06/2024

Batch R342698 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24020311-001BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.55**	0.5000	0	109.8	0.5540	0.91	02/06/2024

Batch R342698 **SampType:** MS Units **mg/L**
SampID: 24020311-002BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.56**	0.5000	0	111.6	85	115	02/06/2024

Batch R342698 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24020311-002BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.56**	0.5000	0	111.4	0.5580	0.18	02/06/2024

Batch R342825 **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	02/08/2024
Nitrogen, Nitrite (as N)		0.05		**< 0.05**	0.0250	0	0	-100	100	02/08/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24011852

Client Project: BAL-24Q1 **Report Date:** 29-Feb-24

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

Batch R342825 **SampType:** LCS Units **mg/L**
SampID: LCS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.32**	0.3045	0	106.1	90	110	02/08/2024
Nitrogen, Nitrite (as N)		0.05		**0.32**	0.3045	0	106.1	90	110	02/08/2024

Batch R342825 **SampType:** MS Units **mg/L**
SampID: 24011865-001BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		0.05	S	**0.63**	0.5000	0	125.6	85	115	02/08/2024

Batch R342825 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24011865-001BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrite (as N)		0.05	S	**0.62**	0.5000	0	124.4	0.6280	0.96	02/08/2024

Batch R342825 **SampType:** MS Units **mg/L**
SampID: 24011865-002BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		0.05	S	**0.62**	0.5000	0	123.4	85	115	02/08/2024

Batch R342825 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24011865-002BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrite (as N)		0.05	S	**0.62**	0.5000	0	123.6	0.6170	0.16	02/08/2024

Batch R342825 **SampType:** MS Units **mg/L**
SampID: 24011865-003BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		0.05	S	**0.60**	0.5000	0	120.6	85	115	02/08/2024

Batch R342825 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24011865-003BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrite (as N)		0.05	S	**0.60**	0.5000	0	119.8	0	0.00	02/08/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24011852

Client Project: BAL-24Q1 **Report Date:** 29-Feb-24

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

Batch R342825 **SampType:** MS Units **mg/L**
SampID: 24020665-001AMS

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	100.8	85	115	02/08/2024

Batch R342825 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24020665-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.51**	0.5000	0	101.6	0.5040	0.79	02/08/2024

Batch R342877 **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	02/09/2024
Nitrogen, Nitrite (as N)		0.05		**< 0.05**	0.0250	0	0	-100	100	02/09/2024

Batch R342877 **SampType:** LCS Units **mg/L**
SampID: LCS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.32**	0.3045	0	104.1	90	110	02/09/2024
Nitrogen, Nitrite (as N)		0.05		**0.32**	0.3045	0	105.4	90	110	02/09/2024

Batch R342877 **SampType:** MS Units **mg/L**
SampID: 24011852-006AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.46**	0.5000	0	91.6	85	115	02/09/2024

Batch R342877 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24011852-006AMSD

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	90.4	0.4580	1.32	02/09/2024

Batch R342877 **SampType:** MS Units **mg/L**
SampID: 24020697-001BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.51**	0.5000	0.009000	99.8	85	115	02/09/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24011852

Client Project: BAL-24Q1 **Report Date:** 29-Feb-24

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

Batch R342877 **SampType:** MSD Units **mg/L** RPD Limit **10**

SampID: 24020697-001BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.51**	0.5000	0.009000	99.8	0.5080	0.00	02/09/2024

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

Batch R342706 **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**						02/06/2024
Nitrogen, Nitrate-Nitrite (as N)		0.050		**< 0.050**	0.0090	0	0	-100	100	02/06/2024

Batch R342706 **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		**0.519**	0.5000	0	103.8	90	110	02/06/2024

Batch R342706 **SampType:** MS Units **mg/L**

SampID: 24011852-002AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050	S	**0.209**	0.2500	0	83.6	85	115	02/06/2024

Batch R342706 **SampType:** MSD Units **mg/L** RPD Limit **10**

SampID: 24011852-002AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		**0.216**	0.2500	0	86.4	0.2090	3.29	02/06/2024

Batch R342706 **SampType:** MS Units **mg/L**

SampID: 24020161-001BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.250		**1.81**	1.250	0.5930	97.0	90	110	02/06/2024

Batch R342706 **SampType:** MSD Units **mg/L** RPD Limit **10**

SampID: 24020161-001BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.250		**1.82**	1.250	0.5930	98.5	1.806	0.99	02/06/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24011852

Client Project: BAL-24Q1 **Report Date:** 29-Feb-24

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

Batch R342706 **SampType:** MS Units **mg/L**
SampID: 24020286-003CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.100		**1.47**	0.5000	0.9780	97.8	90	110	02/06/2024

Batch R342706 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24020286-003CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.100		**1.48**	0.5000	0.9780	100.0	1.467	0.75	02/06/2024

Batch R342706 **SampType:** MS Units **mg/L**
SampID: 24020311-004BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050	S	**0.266**	0.2500	0.08600	72.0	85	115	02/06/2024

Batch R342706 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24020311-004BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050	R	**0.316**	0.2500	0.08600	92.0	0.2660	17.18	02/06/2024

Batch R342831 **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**						02/08/2024
Nitrogen, Nitrate-Nitrite (as N)		0.050		**< 0.050**	0.0090	0	0	-100	100	02/08/2024

Batch R342831 **SampType:** LCS Units **mg/L**
SampID: ICV/LCS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		**0.520**	0.5000	0	104.0	90	110	02/08/2024

Batch R342831 **SampType:** MS Units **mg/L**
SampID: 24011852-016AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		**0.321**	0.2500	0.09500	90.4	85	115	02/08/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24011852

Client Project: BAL-24Q1 **Report Date:** 29-Feb-24

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

Batch R342831 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24011852-016AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		**0.319**	0.2500	0.09500	89.6	0.3210	0.63	02/08/2024

Batch R342831 **SampType:** MS Units **mg/L**
SampID: 24011865-007BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		**0.262**	0.2500	0.03500	90.8	85	115	02/08/2024

Batch R342831 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24011865-007BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		**0.264**	0.2500	0.03500	91.6	0.2620	0.76	02/08/2024

Batch R342831 **SampType:** MS Units **mg/L**
SampID: 24020446-001DMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.500		**2.45**	2.500	0.1680	91.1	90	110	02/08/2024

Batch R342831 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24020446-001DMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.500	S	**2.36**	2.500	0.1680	87.7	2.446	3.58	02/08/2024

Batch R342831 **SampType:** MS Units **mg/L**
SampID: 24020536-004AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.500		**6.14**	2.500	3.884	90.2	90	110	02/08/2024

Batch R342831 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24020536-004AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.500		**6.18**	2.500	3.884	91.7	6.139	0.60	02/08/2024

Batch R342831 **SampType:** MS Units **mg/L**
SampID: 24020558-002BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		1.00		**10.4**	5.000	5.860	90.6	90	110	02/08/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24011852

Client Project: BAL-24Q1 **Report Date:** 29-Feb-24

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

Batch R342831 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24020558-002BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		1.00		**10.4**	5.000	5.860	90.3	10.39	0.16	02/08/2024

Batch R342831 **SampType:** MS Units **mg/L**
SampID: 24020644-006BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.250		**3.93**	1.250	2.625	104.2	85	115	02/08/2024

Batch R342831 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24020644-006BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.250		**3.86**	1.250	2.625	99.0	3.927	1.64	02/08/2024

Batch R342906 **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**						02/09/2024
Nitrogen, Nitrate-Nitrite (as N)		0.050		**< 0.050**	0.0090	0	0	-100	100	02/09/2024

Batch R342906 **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		**0.491**	0.5000	0	98.2	90	110	02/09/2024

Batch R342906 **SampType:** MS Units **mg/L**
SampID: 24020726-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		5.00		**42.6**	25.00	18.75	95.3	90	110	02/09/2024

Batch R342906 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24020726-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		5.00		**41.7**	25.00	18.75	91.7	42.57	2.14	02/09/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24011852

Client Project: BAL-24Q1 **Report Date:** 29-Feb-24

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

Batch R342906 **SampType:** MS Units **mg/L**
SampID: 24020762-019BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		**0.228**	0.2500	0	91.2	85	115	02/09/2024

Batch R342906 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24020762-019BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		**0.234**	0.2500	0	93.6	0.2280	2.60	02/09/2024

SW-846 9036 (DISSOLVED)

Batch R342767 **SampType:** MS Units **mg/L**
SampID: 24011852-001BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		50		**244**	100.0	151.4	92.8	85	115	02/07/2024

Batch R342767 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24011852-001BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		50		**241**	100.0	151.4	90.1	244.2	1.13	02/07/2024

Batch R342832 **SampType:** MS Units **mg/L**
SampID: 24020311-001BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		100		**346**	200.0	162.5	91.6	85	115	02/08/2024

Batch R342832 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24020311-001BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		100		**353**	200.0	162.5	95.2	345.7	2.09	02/08/2024

Batch R342832 **SampType:** MS Units **mg/L**
SampID: 24020311-003BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		50		**197**	100.0	97.47	99.9	85	115	02/08/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24011852

Client Project: BAL-24Q1 **Report Date:** 29-Feb-24

SW-846 9036 (DISSOLVED)

Batch R342832 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24020311-003BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		50		**198**	100.0	97.47	100.8	197.4	0.43	02/08/2024

Batch R342903 **SampType:** MS Units **mg/L**
SampID: 24020644-001BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		10	S	**20**	20.00	6.880	67.6	85	115	02/09/2024

Batch R342903 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24020644-001BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		10	S	**21**	20.00	6.880	68.7	20.40	1.07	02/09/2024

Batch R342992 **SampType:** MS Units **mg/L**
SampID: 24011852-012BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		100		**372**	200.0	192.2	89.8	85	115	02/13/2024

Batch R342992 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24011852-012BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		100		**376**	200.0	192.2	92.1	371.7	1.27	02/13/2024

Batch R342992 **SampType:** MS Units **mg/L**
SampID: 24020762-012BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		50		**241**	100.0	146.7	94.3	85	115	02/13/2024

Batch R342992 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24020762-012BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		50		**247**	100.0	146.7	99.8	241.0	2.27	02/13/2024

Batch R342992 **SampType:** MS Units **mg/L**
SampID: 24020762-017BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		10		**45**	20.00	25.79	96.0	85	115	02/13/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24011852

Client Project: BAL-24Q1 **Report Date:** 29-Feb-24

SW-846 9036 (DISSOLVED)

Batch R342992 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24020762-017BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		10		**46**	20.00	25.79	99.8	44.98	1.72	02/13/2024

Batch R342992 **SampType:** MS Units **mg/L**
SampID: 24020763-002BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		100	S	**419**	200.0	251.9	83.7	85	115	02/13/2024

Batch R342992 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24020763-002BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		100		**423**	200.0	251.9	85.6	419.3	0.89	02/13/2024

Batch R342992 **SampType:** MS Units **mg/L**
SampID: 24020763-005BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		10		**34**	20.00	16.14	88.3	85	115	02/13/2024

Batch R342992 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24020763-005BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		10		**34**	20.00	16.14	88.5	33.80	0.12	02/13/2024

SW-846 9036 (TOTAL)

Batch R342767 **SampType:** MBLK Units **mg/L**
SampID: ICB/MBLK

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		10		**< 10**	6.140	0	0	-100	100	02/07/2024

Batch R342767 **SampType:** LCS Units **mg/L**
SampID: ICV/LCS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		10		**20**	20.00	0	98.1	90	110	02/07/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24011852

Client Project: BAL-24Q1 **Report Date:** 29-Feb-24

SW-846 9036 (TOTAL)

Batch R342767 **SampType:** MS Units **mg/L**
SampID: 24011852-009AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		10		**33**	20.00	14.68	89.4	85	115	02/07/2024

Batch R342767 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24011852-009AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		10		**32**	20.00	14.68	87.8	32.56	0.99	02/07/2024

Batch R342767 **SampType:** MS Units **mg/L**
SampID: 24011852-031AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		100		**390**	200.0	206.4	91.8	85	115	02/07/2024

Batch R342767 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24011852-031AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		100		**384**	200.0	206.4	89.0	390.0	1.43	02/07/2024

Batch R342767 **SampType:** MS Units **mg/L**
SampID: 24020269-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		20		**82**	40.00	45.68	91.0	90	110	02/07/2024

Batch R342767 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24020269-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		20		**83**	40.00	45.68	94.5	82.09	1.68	02/07/2024

Batch R342832 **SampType:** MBLK Units **mg/L**
SampID: ICB/MBLK

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		10		**< 10**	6.140	0	0	-100	100	02/08/2024

Batch R342832 **SampType:** LCS Units **mg/L**
SampID: ICV/LCS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		10		**21**	20.00	0	106.2	90	110	02/08/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24011852

Client Project: BAL-24Q1 **Report Date:** 29-Feb-24

SW-846 9036 (TOTAL)

Batch R342832 **SampType:** MS Units **mg/L**
SampID: 24011852-004AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		50		**222**	100.0	129.7	92.4	85	115	02/08/2024

Batch R342832 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24011852-004AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		50		**226**	100.0	129.7	96.2	222.1	1.74	02/08/2024

Batch R342832 **SampType:** MS Units **mg/L**
SampID: 24020406-001BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		200		**663**	400.0	288.2	93.6	90	110	02/08/2024

Batch R342832 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24020406-001BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		200		**653**	400.0	288.2	91.2	662.5	1.42	02/08/2024

Batch R342903 **SampType:** MBLK Units **mg/L**
SampID: ICB/MBLK

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		10		**< 10**	6.140	0	0	-100	100	02/09/2024

Batch R342903 **SampType:** LCS Units **mg/L**
SampID: ICV/LCS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		10		**20**	20.00	0	98.5	90	110	02/09/2024

Batch R342903 **SampType:** MS Units **mg/L**
SampID: 24020602-008AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		20		**79**	40.00	40.06	96.4	90	110	02/09/2024

Batch R342903 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24020602-008AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		20		**80**	40.00	40.06	100.7	78.61	2.16	02/09/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24011852

Client Project: BAL-24Q1 **Report Date:** 29-Feb-24

SW-846 9036 (TOTAL)

Batch R342903 **SampType:** MS Units **mg/L**
SampID: 24020602-010AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		10		**49**	20.00	30.13	93.4	90	110	02/09/2024

Batch R342903 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24020602-010AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		10		**48**	20.00	30.13	91.0	48.82	1.03	02/09/2024

Batch R342992 **SampType:** MBLK Units **mg/L**
SampID: ICB/MBLK

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		10		**< 10**	6.140	0	0	-100	100	02/13/2024

Batch R342992 **SampType:** LCS Units **mg/L**
SampID: ICV/LCS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		10		**19**	20.00	0	96.2	90	110	02/13/2024

Batch R342992 **SampType:** MS Units **mg/L**
SampID: 24020782-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		2000		**9040**	4000	4743	107.4	90	110	02/13/2024

Batch R342992 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24020782-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		2000		**8500**	4000	4743	93.9	9038	6.16	02/13/2024

Batch R342992 **SampType:** MS Units **mg/L**
SampID: 24020894-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		10		**48**	20.00	29.98	91.4	90	110	02/13/2024

Batch R342992 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24020894-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		10		**48**	20.00	29.98	92.5	48.25	0.48	02/13/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24011852

Client Project: BAL-24Q1 **Report Date:** 29-Feb-24

SW-846 9214 (TOTAL)

Batch R342758 **SampType:** MBLK Units **mg/L**
SampID: MBLK

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**< 0.10**	0.0500	0	0	-100	100	02/07/2024

Batch R342758 **SampType:** LCS Units **mg/L**
SampID: LCS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**0.99**	1.000	0	99.0	90	110	02/07/2024

Batch R342758 **SampType:** MS Units **mg/L**
SampID: 24010118-003AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**2.15**	2.000	0.05500	104.8	75	125	02/07/2024

Batch R342758 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24010118-003AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**2.18**	2.000	0.05500	106.3	2.151	1.39	02/07/2024

Batch R342758 **SampType:** MS Units **mg/L**
SampID: 24011852-026AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**2.97**	2.000	0.8320	107.0	75	125	02/07/2024

Batch R342758 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24011852-026AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**2.87**	2.000	0.8320	101.8	2.972	3.56	02/07/2024

Batch R342758 **SampType:** MS Units **mg/L**
SampID: 24011852-038AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**2.18**	2.000	0.1550	101.1	75	125	02/07/2024

Batch R342758 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24011852-038AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**2.17**	2.000	0.1550	100.8	2.177	0.23	02/07/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24011852

Client Project: BAL-24Q1 **Report Date:** 29-Feb-24

SW-846 9214 (TOTAL)

Batch R342758 **SampType:** MS Units **mg/L**
SampID: 24020177-004BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**2.70**	2.000	0.4280	113.5	75	125	02/07/2024

Batch R342758 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24020177-004BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**2.58**	2.000	0.4280	107.4	2.698	4.67	02/07/2024

Batch R342758 **SampType:** MS Units **mg/L**
SampID: 24020177-007BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**2.31**	2.000	0.2320	103.8	75	125	02/07/2024

Batch R342758 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24020177-007BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**2.41**	2.000	0.2320	108.9	2.309	4.28	02/07/2024

Batch R342758 **SampType:** MS Units **mg/L**
SampID: 24020179-005BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**2.56**	2.000	0.4240	106.7	75	125	02/07/2024

Batch R342758 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24020179-005BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**2.58**	2.000	0.4240	107.8	2.558	0.82	02/07/2024

Batch R342758 **SampType:** MS Units **mg/L**
SampID: 24020239-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**2.83**	2.000	0.6130	111.0	75	125	02/07/2024

Batch R342758 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24020239-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**2.80**	2.000	0.6130	109.6	2.834	1.03	02/07/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24011852

Client Project: BAL-24Q1 **Report Date:** 29-Feb-24

SW-846 9214 (TOTAL)

Batch R342811 **SampType:** MBLK Units **mg/L**
SampID: MBLK

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**< 0.10**	0.0500	0	0	-100	100	02/08/2024

Batch R342811 **SampType:** LCS Units **mg/L**
SampID: LCS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**0.96**	1.000	0	96.3	90	110	02/08/2024

Batch R342811 **SampType:** MS Units **mg/L**
SampID: 24011852-011AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**2.20**	2.000	0.2140	99.2	75	125	02/08/2024

Batch R342811 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24011852-011AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**2.22**	2.000	0.2140	100.6	2.197	1.27	02/08/2024

Batch R342811 **SampType:** MS Units **mg/L**
SampID: 24011852-035AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**2.17**	2.000	0.2490	96.3	75	125	02/08/2024

Batch R342811 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24011852-035AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**2.32**	2.000	0.2490	103.8	2.174	6.67	02/08/2024

Batch R342811 **SampType:** MS Units **mg/L**
SampID: 24020474-004AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		1.00		**39.0**	20.00	18.25	104.0	75	125	02/08/2024

Batch R342811 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24020474-004AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		1.00		**36.2**	20.00	18.25	89.8	39.05	7.52	02/08/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24011852

Client Project: BAL-24Q1 **Report Date:** 29-Feb-24

SW-846 9214 (TOTAL)

Batch R342811 **SampType:** MS Units **mg/L**
SampID: 24020526-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**2.36**	2.000	0.3520	100.6	75	125	02/08/2024

Batch R342811 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24020526-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**2.44**	2.000	0.3520	104.4	2.364	3.20	02/08/2024

Batch R342864 **SampType:** MBLK Units **mg/L**
SampID: MBLK

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**< 0.10**	0.0500	0	0	-100	100	02/09/2024

Batch R342864 **SampType:** LCS Units **mg/L**
SampID: LCS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**1.03**	1.000	0	103.2	90	110	02/09/2024

Batch R342864 **SampType:** MS Units **mg/L**
SampID: 24011852-040AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**2.70**	2.000	0.5270	108.9	75	125	02/09/2024

Batch R342864 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24011852-040AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**2.63**	2.000	0.5270	105.3	2.705	2.70	02/09/2024

Batch R342864 **SampType:** MS Units **mg/L**
SampID: 24020644-004BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**2.54**	2.000	0.3720	108.4	75	125	02/09/2024

Batch R342864 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24020644-004BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**2.53**	2.000	0.3720	108.0	2.540	0.32	02/09/2024

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Quality Control Results

Client: Ramboll **Work Order:** 24011852

Client Project: BAL-24Q1 **Report Date:** 29-Feb-24

SW-846 9214 (TOTAL)

Batch R342864 **SampType:** MS Units **mg/L**
SampID: 24020644-010BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**2.42**	2.000	0.3220	105.0	75	125	02/09/2024

Batch R342864 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24020644-010BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**2.32**	2.000	0.3220	99.9	2.422	4.30	02/09/2024

SW-846 9251 (DISSOLVED)

Batch R342770 **SampType:** MS Units **mg/L**
SampID: 24011852-001BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		4		**31**	20.00	12.55	90.4	85	115	02/07/2024

Batch R342770 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24011852-001BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		4		**30**	20.00	12.55	89.4	30.63	0.69	02/07/2024

Batch R342770 **SampType:** MS Units **mg/L**
SampID: 24020311-001BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		20		**114**	100.0	20.99	92.8	85	115	02/07/2024

Batch R342770 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24020311-001BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		20		**116**	100.0	20.99	94.7	113.8	1.67	02/07/2024

Batch R342770 **SampType:** MS Units **mg/L**
SampID: 24020311-003BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		4		**21**	20.00	2.010	92.7	85	115	02/07/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24011852

Client Project: BAL-24Q1 **Report Date:** 29-Feb-24

SW-846 9251 (DISSOLVED)

Batch R342770 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24020311-003BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		4		**21**	20.00	2.010	93.4	20.55	0.68	02/07/2024

Batch R342904 **SampType:** MS Units **mg/L**
SampID: 24011852-012BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		4		**39**	20.00	21.40	86.8	85	115	02/09/2024

Batch R342904 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24011852-012BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		4		**39**	20.00	21.40	87.8	38.77	0.49	02/09/2024

Batch R342904 **SampType:** MS Units **mg/L**
SampID: 24020644-001BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		4		**30**	20.00	11.79	92.6	85	115	02/09/2024

Batch R342904 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24020644-001BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		4		**31**	20.00	11.79	93.6	30.31	0.69	02/09/2024

Batch R342995 **SampType:** MS Units **mg/L**
SampID: 24020762-012BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		20		**166**	100.0	74.82	90.9	85	115	02/13/2024

Batch R342995 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24020762-012BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		20		**168**	100.0	74.82	93.7	165.8	1.63	02/13/2024

Batch R342995 **SampType:** MS Units **mg/L**
SampID: 24020762-017BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		4		**27**	20.00	8.370	95.1	85	115	02/13/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24011852

Client Project: BAL-24Q1 **Report Date:** 29-Feb-24

SW-846 9251 (DISSOLVED)

Batch R342995 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24020762-017BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		4		**28**	20.00	8.370	96.7	27.38	1.20	02/13/2024

Batch R342995 **SampType:** MS Units **mg/L**
SampID: 24020763-002BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		20		**176**	100.0	83.71	92.2	85	115	02/13/2024

Batch R342995 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24020763-002BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		20		**171**	100.0	83.71	87.4	175.9	2.74	02/13/2024

Batch R342995 **SampType:** MS Units **mg/L**
SampID: 24020763-005BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		4		**30**	20.00	11.28	94.7	85	115	02/13/2024

Batch R342995 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24020763-005BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		4		**30**	20.00	11.28	94.7	30.22	0.00	02/13/2024

SW-846 9251 (TOTAL)

Batch R342770 **SampType:** MBLK Units **mg/L**
SampID: ICB/MBLK

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		4		**< 4**	0.5000	0	0	-100	100	02/07/2024

Batch R342770 **SampType:** LCS Units **mg/L**
SampID: ICV/LCS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		4		**20**	20.00	0	101.6	90	110	02/07/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24011852

Client Project: BAL-24Q1 **Report Date:** 29-Feb-24

SW-846 9251 (TOTAL)

Batch R342770 **SampType:** MS Units **mg/L**
SampID: 24011852-009AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		4		**38**	20.00	20.36	87.7	85	115	02/07/2024

Batch R342770 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24011852-009AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		4		**38**	20.00	20.36	86.0	37.90	0.93	02/07/2024

Batch R342770 **SampType:** MS Units **mg/L**
SampID: 24020406-001BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		40		**273**	200.0	95.39	88.6	85	115	02/07/2024

Batch R342770 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24020406-001BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		40		**276**	200.0	95.39	90.2	272.6	1.19	02/07/2024

Batch R342839 **SampType:** MBLK Units **mg/L**
SampID: ICB/MBLK

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		4		**< 4**	0.5000	0	0	-100	100	02/09/2024

Batch R342839 **SampType:** LCS Units **mg/L**
SampID: ICV/LCS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		4		**20**	20.00	0	101.8	90	110	02/09/2024

Batch R342839 **SampType:** MS Units **mg/L**
SampID: 24011852-004AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		4	E	**64**	20.00	43.57	100.8	85	115	02/09/2024

Batch R342839 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24011852-004AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		4	E	**62**	20.00	43.57	90.8	63.73	3.19	02/09/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24011852

Client Project: BAL-24Q1 **Report Date:** 29-Feb-24

SW-846 9251 (TOTAL)

Batch R342839 **SampType:** MS Units **mg/L**
SampID: 24011852-031AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		200		**1630**	1000	740.6	89.3	85	115	02/09/2024

Batch R342839 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24011852-031AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		200		**1610**	1000	740.6	87.4	1634	1.14	02/09/2024

Batch R342839 **SampType:** MS Units **mg/L**
SampID: 24020269-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		20		**143**	100.0	44.90	98.2	85	115	02/09/2024

Batch R342839 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24020269-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		20		**139**	100.0	44.90	94.5	143.2	2.63	02/09/2024

Batch R342904 **SampType:** MBLK Units **mg/L**
SampID: ICB/MBLK

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		4		**< 4**	0.5000	0	0	-100	100	02/09/2024

Batch R342904 **SampType:** LCS Units **mg/L**
SampID: ICV/LCS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		4		**21**	20.00	0	104.7	90	110	02/09/2024

Batch R342904 **SampType:** MS Units **mg/L**
SampID: 24020602-008AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		8		**94**	40.00	58.30	90.2	85	115	02/09/2024

Batch R342904 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24020602-008AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		8		**96**	40.00	58.30	93.8	94.37	1.50	02/09/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24011852

Client Project: BAL-24Q1 **Report Date:** 29-Feb-24

SW-846 9251 (TOTAL)

Batch R342904 **SampType:** MS Units **mg/L**
SampID: 24020602-010AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		4		**23**	20.00	3.900	95.8	85	115	02/09/2024

Batch R342904 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24020602-010AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		4		**23**	20.00	3.900	94.8	23.07	0.96	02/09/2024

Batch R342995 **SampType:** MBLK Units **mg/L**
SampID: ICB/MBLK

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		4		**< 4**	0.5000	0	0	-100	100	02/13/2024

Batch R342995 **SampType:** LCS Units **mg/L**
SampID: ICV/LCS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		4		**21**	20.00	0	102.8	90	110	02/13/2024

Batch R342995 **SampType:** MS Units **mg/L**
SampID: 24020782-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		2000		**18800**	10000	10250	85.7	85	115	02/13/2024

Batch R342995 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24020782-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		2000	S	**18700**	10000	10250	84.9	18820	0.40	02/13/2024

Batch R342995 **SampType:** MS Units **mg/L**
SampID: 24020894-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		4	E	**64**	20.00	46.43	85.6	85	115	02/13/2024

Batch R342995 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24020894-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		4	E	**64**	20.00	46.43	86.0	63.56	0.11	02/13/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24011852

Client Project: BAL-24Q1 **Report Date:** 29-Feb-24

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

Batch 218349 **SampType:** MBLK Units **mg/L**
SampID: MBLK-218349

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	02/07/2024
Magnesium		0.0500		**< 0.0500**	0.0055	0	0	-100	100	02/08/2024
Magnesium		0.0500		**< 0.0500**	0.0055	0	0	-100	100	02/07/2024
Potassium		0.100		**< 0.100**	0.0400	0	0	-100	100	02/07/2024
Sodium		0.0500		**< 0.0500**	0.0180	0	0	-100	100	02/07/2024

Batch 218349 **SampType:** LCS Units **mg/L**
SampID: LCS-218349

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		**2.49**	2.500	0	99.6	85	115	02/07/2024
Magnesium		0.0500		**2.35**	2.500	0	93.8	85	115	02/07/2024
Magnesium		0.0500		**2.40**	2.500	0	96.1	85	115	02/08/2024
Potassium		0.100		**2.63**	2.500	0	105.1	85	115	02/07/2024
Sodium		0.0500		**2.51**	2.500	0	100.2	85	115	02/07/2024

Batch 218349 **SampType:** MS Units **mg/L**
SampID: 24011852-044CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		1.00		**14.4**	2.500	11.86	100.7	75	125	02/09/2024
Magnesium		0.500		**7.04**	2.500	4.588	98.2	75	125	02/09/2024
Potassium		0.100		**5.02**	2.500	2.230	111.4	75	125	02/08/2024
Sodium		0.500	S	**562**	2.500	565.1	-116.0	75	125	02/09/2024

Batch 218349 **SampType:** MSD Units **mg/L** RPD Limit **20**
SampID: 24011852-044CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Calcium		1.00		**14.4**	2.500	11.86	99.6	14.38	0.19	02/09/2024
Magnesium		0.500		**6.91**	2.500	4.588	92.8	7.044	1.96	02/09/2024
Potassium		0.100		**4.79**	2.500	2.230	102.2	5.015	4.69	02/08/2024
Sodium		0.500	S	**560**	2.500	565.1	-216.0	562.2	0.45	02/09/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24011852

Client Project: BAL-24Q1 **Report Date:** 29-Feb-24

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

Batch 218349 **SampType:** MS Units **mg/L**
SampID: 24020301-003BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100	S	**164**	2.500	156.0	312.4	75	125	02/09/2024
Iron		0.0400		**2.69**	2.000	0.5479	107.1	75	125	02/08/2024
Magnesium		0.0500		**36.7**	2.500	33.92	109.4	75	125	02/08/2024
Manganese		0.0070		**1.13**	0.5000	0.6126	103.6	75	125	02/08/2024

Batch 218349 **SampType:** MSD Units **mg/L** RPD Limit **20**
SampID: 24020301-003BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Calcium		0.100	S	**165**	2.500	156.0	370.8	163.8	0.89	02/09/2024
Iron		0.0400		**2.72**	2.000	0.5479	108.6	2.690	1.11	02/08/2024
Magnesium		0.0500	S	**37.2**	2.500	33.92	129.9	36.66	1.39	02/08/2024
Manganese		0.0070		**1.15**	0.5000	0.6126	106.5	1.131	1.27	02/08/2024

Batch 218407 **SampType:** MBLK Units **mg/L**
SampID: MBLK-218407

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	02/08/2024
Magnesium		0.0500		**< 0.0500**	0.0055	0	0	-100	100	02/08/2024
Potassium		0.100		**< 0.100**	0.0400	0	0	-100	100	02/08/2024
Sodium		0.0500		**< 0.0500**	0.0180	0	0	-100	100	02/08/2024

Batch 218407 **SampType:** LCS Units **mg/L**
SampID: LCS-218407

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		**2.54**	2.500	0	101.6	85	115	02/08/2024
Magnesium		0.0500		**2.37**	2.500	0	94.7	85	115	02/08/2024
Potassium		0.100		**2.67**	2.500	0	106.9	85	115	02/08/2024
Sodium		0.0500		**2.56**	2.500	0	102.4	85	115	02/08/2024

Batch 218407 **SampType:** MS Units **mg/L**
SampID: 24011852-009BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		**73.6**	2.500	71.53	84.8	75	125	02/08/2024
Magnesium		0.0500		**33.6**	2.500	31.12	100.5	75	125	02/08/2024
Potassium		0.100		**3.27**	2.500	0.5674	107.9	75	125	02/08/2024
Sodium		0.0500		**55.1**	2.500	52.43	108.4	75	125	02/08/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24011852

Client Project: BAL-24Q1 **Report Date:** 29-Feb-24

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

Batch 218407 **SampType:** MSD Units **mg/L** RPD Limit **20**

SampID: 24011852-009BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Calcium		0.100	S	**74.9**	2.500	71.53	134.0	73.65	1.66	02/08/2024
Magnesium		0.0500		**34.1**	2.500	31.12	119.1	33.64	1.38	02/08/2024
Potassium		0.100		**3.30**	2.500	0.5674	109.2	3.266	0.98	02/08/2024
Sodium		0.0500		**55.5**	2.500	52.43	124.4	55.14	0.72	02/08/2024

Batch 218407 **SampType:** MS Units **mg/L**

SampID: 24011852-042BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100	S	**92.4**	2.500	90.63	70.0	75	125	02/08/2024
Magnesium		0.0500		**35.1**	2.500	33.02	81.6	75	125	02/08/2024
Potassium		1.00		**20.5**	2.500	18.14	95.2	75	125	02/09/2024
Sodium		0.0500		**92.4**	2.500	89.96	95.6	75	125	02/08/2024

Batch 218407 **SampType:** MSD Units **mg/L** RPD Limit **20**

SampID: 24011852-042BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Calcium		0.100		**92.6**	2.500	90.63	77.2	92.38	0.19	02/08/2024
Magnesium		0.0500		**35.3**	2.500	33.02	89.9	35.06	0.59	02/08/2024
Potassium		1.00		**20.4**	2.500	18.14	90.5	20.52	0.57	02/09/2024
Sodium		0.0500		**92.0**	2.500	89.96	83.2	92.35	0.34	02/08/2024

Batch 218457 **SampType:** MBLK Units **mg/L**

SampID: MBLK-218457

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	02/08/2024
Magnesium		0.0500		**< 0.0500**	0.0055	0	0	-100	100	02/08/2024
Potassium		0.100		**< 0.100**	0.0400	0	0	-100	100	02/08/2024
Sodium		0.0500		**< 0.0500**	0.0180	0	0	-100	100	02/08/2024

Batch 218457 **SampType:** LCS Units **mg/L**

SampID: LCS-218457

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		**2.42**	2.500	0	96.9	85	115	02/08/2024
Magnesium		0.0500		**2.31**	2.500	0	92.5	85	115	02/08/2024
Potassium		0.100		**2.52**	2.500	0	100.8	85	115	02/08/2024
Sodium		0.0500		**2.43**	2.500	0	97.2	85	115	02/08/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24011852

Client Project: BAL-24Q1 **Report Date:** 29-Feb-24

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

Batch 218485 **SampType:** MBLK Units **mg/L**
SampID: MBLK-218485

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	02/09/2024
Magnesium		0.0500		**< 0.0500**	0.0055	0	0	-100	100	02/09/2024
Potassium		0.100		**< 0.100**	0.0400	0	0	-100	100	02/09/2024
Sodium		0.0500		**< 0.0500**	0.0180	0	0	-100	100	02/09/2024

Batch 218485 **SampType:** LCS Units **mg/L**
SampID: LCS-218485

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		**2.45**	2.500	0	98.0	85	115	02/09/2024
Magnesium		0.0500		**2.31**	2.500	0	92.6	85	115	02/09/2024
Potassium		0.100		**2.63**	2.500	0	105.3	85	115	02/09/2024
Sodium		0.0500		**2.48**	2.500	0	99.1	85	115	02/09/2024

Batch 218539 **SampType:** MBLK Units **mg/L**
SampID: MBLK-218539

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	02/12/2024
Iron		0.0400		**< 0.0400**	0.0200	0	0	-100	100	02/12/2024
Magnesium		0.0500		**< 0.0500**	0.0055	0	0	-100	100	02/12/2024
Potassium		0.100		**< 0.100**	0.0400	0	0	-100	100	02/12/2024
Sodium		0.0500		**< 0.0500**	0.0180	0	0	-100	100	02/12/2024

Batch 218539 **SampType:** LCS Units **mg/L**
SampID: LCS-218539

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		**2.38**	2.500	0	95.2	85	115	02/12/2024
Iron		0.0400		**1.90**	2.000	0	95.1	85	115	02/12/2024
Magnesium		0.0500		**2.39**	2.500	0	95.8	85	115	02/12/2024
Potassium		0.100		**2.59**	2.500	0	103.8	85	115	02/12/2024
Sodium		0.0500		**2.42**	2.500	0	96.8	85	115	02/12/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24011852

Client Project: BAL-24Q1 **Report Date:** 29-Feb-24

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

Batch 218539 **SampType:** MS Units **mg/L**
SampID: 24011852-045CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		**2.48**	2.500	0.05830	96.9	75	125	02/12/2024
Magnesium		0.0500		**2.47**	2.500	0.01890	98.2	75	125	02/12/2024
Potassium		0.100		**2.58**	2.500	0	103.3	75	125	02/12/2024
Sodium		0.0500		**2.44**	2.500	0.03700	96.1	75	125	02/12/2024

Batch 218539 **SampType:** MSD Units **mg/L** RPD Limit **20**
SampID: 24011852-045CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Calcium		0.100		**2.30**	2.500	0.05830	89.7	2.481	7.55	02/12/2024
Magnesium		0.0500		**2.34**	2.500	0.01890	92.8	2.473	5.53	02/12/2024
Potassium		0.100		**2.48**	2.500	0	99.2	2.582	3.98	02/12/2024
Sodium		0.0500		**2.33**	2.500	0.03700	91.7	2.439	4.55	02/12/2024

Batch 218539 **SampType:** MS Units **mg/L**
SampID: 24020643-010AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Iron		0.0400		**2.23**	2.000	0.02250	110.4	75	125	02/13/2024

Batch 218539 **SampType:** MSD Units **mg/L** RPD Limit **20**
SampID: 24020643-010AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Iron		0.0400		**2.20**	2.000	0.02250	108.9	2.230	1.35	02/13/2024

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

Batch 218350 **SampType:** MBLK Units **mg/L**
SampID: MBLK-218350

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	02/09/2024

Batch 218350 **SampType:** LCS Units **mg/L**
SampID: LCS-218350

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Boron		0.0250		**0.433**	0.5000	0	86.6	80	120	02/09/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24011852

Client Project: BAL-24Q1 **Report Date:** 29-Feb-24

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

Batch 218350 **SampType:** MS Units **mg/L**
SampID: 24011852-013DMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Boron		0.0250		**1.95**	0.5000	1.530	84.2	75	125	02/09/2024

Batch 218350 **SampType:** MSD Units **mg/L** RPD Limit **20**
SampID: 24011852-013DMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Boron		0.0250		**1.94**	0.5000	1.530	81.3	1.951	0.75	02/09/2024

Batch 218484 **SampType:** MBLK Units **mg/L**
SampID: MBLK-218484

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	02/09/2024

Batch 218484 **SampType:** LCS Units **mg/L**
SampID: LCS-218484

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Boron		0.0250		**0.447**	0.5000	0	89.4	80	120	02/13/2024

Batch 218484 **SampType:** MS Units **mg/L**
SampID: 24011852-011DMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Boron		0.0250		**0.624**	0.5000	0.2380	77.2	75	125	02/13/2024

Batch 218484 **SampType:** MSD Units **mg/L** RPD Limit **20**
SampID: 24011852-011DMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Boron		0.0250		**0.712**	0.5000	0.2380	94.8	0.6240	13.20	02/13/2024

Batch 218585 **SampType:** MBLK Units **mg/L**
SampID: MBLK-218585

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	02/13/2024

Batch 218585 **SampType:** LCS Units **mg/L**
SampID: LCS-218585

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Boron		0.0250		**0.450**	0.5000	0	90.1	80	120	02/13/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24011852

Client Project: BAL-24Q1 **Report Date:** 29-Feb-24

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

Batch 218349 **SampType:** MBLK Units **mg/L**

SampID: MBLK-218349

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	02/08/2024
Arsenic		0.0010		**< 0.0010**	0.0004	0	0	-100	100	02/08/2024
Barium		0.0010		**< 0.0010**	0.0007	0	0	-100	100	02/08/2024
Beryllium		0.0010		**< 0.0010**	0.0002	0	0	-100	100	02/08/2024
Boron		0.0250		**< 0.0250**	0.0093	0	0	-100	100	02/08/2024
Cadmium		0.0010		**< 0.0010**	0.0001	0	0	-100	100	02/08/2024
Chromium		0.0015		**< 0.0015**	0.0007	0	0	-100	100	02/08/2024
Cobalt		0.0010		**< 0.0010**	0.0001	0	0	-100	100	02/08/2024
Iron		0.0250		**< 0.0250**	0.0115	0	0	-100	100	02/08/2024
Lead		0.0010		**< 0.0010**	0.0006	0	0	-100	100	02/08/2024
Lithium	*	0.0030		**< 0.0030**	0.0015	0	0	-100	100	02/08/2024
Manganese		0.0020		**< 0.0020**	0.0008	0	0	-100	100	02/08/2024
Molybdenum		0.0015		**< 0.0015**	0.0006	0	0	-100	100	02/09/2024
Selenium		0.0010		**< 0.0010**	0.0006	0	0	-100	100	02/08/2024
Thallium		0.0020		**< 0.0020**	0.0010	0	0	-100	100	02/08/2024

Batch 218349 **SampType:** LCS Units **mg/L**

SampID: LCS-218349

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		0.0010		**0.518**	0.5000	0	103.6	80	120	02/08/2024
Arsenic		0.0010		**0.581**	0.5000	0	116.1	80	120	02/08/2024
Barium		0.0010		**2.10**	2.000	0	105.0	80	120	02/08/2024
Beryllium		0.0010		**0.0568**	0.0500	0	113.6	80	120	02/08/2024
Boron		0.0250		**0.447**	0.5000	0	89.3	80	120	02/08/2024
Cadmium		0.0010		**0.0515**	0.0500	0	103.1	80	120	02/08/2024
Chromium		0.0015		**0.214**	0.2000	0	106.9	80	120	02/08/2024
Cobalt		0.0010		**0.549**	0.5000	0	109.9	80	120	02/08/2024
Iron		0.0250		**2.17**	2.000	0	108.6	80	120	02/08/2024
Lead		0.0010		**0.528**	0.5000	0	105.7	80	120	02/08/2024
Lithium	*	0.0030		**0.477**	0.5000	0	95.4	80	120	02/08/2024
Manganese		0.0020		**0.541**	0.5000	0	108.1	80	120	02/08/2024
Molybdenum		0.0015		**0.478**	0.5000	0	95.5	80	120	02/09/2024
Selenium		0.0010		**0.558**	0.5000	0	111.6	80	120	02/08/2024
Thallium		0.0020		**0.218**	0.2500	0	87.1	80	120	02/12/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24011852

Client Project: BAL-24Q1 **Report Date:** 29-Feb-24

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

Batch 218349 **SampType:** MS Units **mg/L**

SampID: 24011852-044CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		0.0010		**0.518**	0.5000	0	103.5	75	125	02/08/2024
Arsenic		0.0010		**0.563**	0.5000	0.004305	111.7	75	125	02/08/2024
Barium		0.0010		**2.08**	2.000	0.02810	102.6	75	125	02/08/2024
Beryllium		0.0010		**0.0549**	0.0500	0	109.8	75	125	02/08/2024
Boron		0.0250		**2.09**	0.5000	1.560	106.8	75	125	02/08/2024
Cadmium		0.0010		**0.0492**	0.0500	0	98.5	75	125	02/08/2024
Chromium		0.0015		**0.189**	0.2000	0	94.4	75	125	02/08/2024
Cobalt		0.0010		**0.507**	0.5000	0	101.4	75	125	02/08/2024
Iron		0.0250		**2.05**	2.000	0.01644	101.7	75	125	02/08/2024
Lead		0.0010		**0.521**	0.5000	0	104.3	75	125	02/08/2024
Lithium	*	0.0030		**0.560**	0.5000	0.07645	96.7	75	125	02/08/2024
Manganese		0.0020		**0.502**	0.5000	0.006215	99.1	75	125	02/08/2024
Molybdenum		0.0015		**0.486**	0.5000	0.0006294	97.1	75	125	02/09/2024
Selenium		0.0010		**0.526**	0.5000	0	105.3	75	125	02/08/2024
Thallium		0.0020		**0.243**	0.2500	0	97.1	75	125	02/12/2024

Batch 218349 **SampType:** MSD Units **mg/L** RPD Limit **20**

SampID: 24011852-044CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Antimony		0.0010		**0.512**	0.5000	0	102.4	0.5176	1.06	02/08/2024
Arsenic		0.0010		**0.537**	0.5000	0.004305	106.6	0.5627	4.60	02/08/2024
Barium		0.0010		**2.04**	2.000	0.02810	100.6	2.081	1.94	02/08/2024
Beryllium		0.0010		**0.0546**	0.0500	0	109.3	0.05491	0.50	02/08/2024
Boron		0.0250		**2.06**	0.5000	1.560	99.1	2.094	1.86	02/08/2024
Cadmium		0.0010		**0.0494**	0.0500	0	98.8	0.04925	0.35	02/08/2024
Chromium		0.0015		**0.199**	0.2000	0	99.3	0.1887	5.08	02/08/2024
Cobalt		0.0010		**0.498**	0.5000	0	99.6	0.5069	1.79	02/08/2024
Iron		0.0250		**2.01**	2.000	0.01644	99.5	2.051	2.19	02/08/2024
Lead		0.0010		**0.518**	0.5000	0	103.5	0.5215	0.72	02/08/2024
Lithium	*	0.0030		**0.557**	0.5000	0.07645	96.1	0.5600	0.53	02/08/2024
Manganese		0.0020		**0.492**	0.5000	0.006215	97.2	0.5015	1.91	02/08/2024
Molybdenum		0.0015		**0.476**	0.5000	0.0006294	95.1	0.4863	2.15	02/09/2024
Selenium		0.0010		**0.507**	0.5000	0	101.5	0.5264	3.68	02/08/2024
Thallium		0.0020		**0.222**	0.2500	0	88.7	0.2427	8.98	02/12/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24011852

Client Project: BAL-24Q1 **Report Date:** 29-Feb-24

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

Batch 218407 **SampType:** MBLK Units **mg/L**

SampID: MBLK-218407

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	02/09/2024
Arsenic		0.0010		**< 0.0010**	0.0004	0	0	-100	100	02/09/2024
Barium		0.0010		**< 0.0010**	0.0007	0	0	-100	100	02/09/2024
Beryllium		0.0010		**< 0.0010**	0.0002	0	0	-100	100	02/09/2024
Boron		0.0250		**< 0.0250**	0.0093	0	0	-100	100	02/09/2024
Cadmium		0.0010		**< 0.0010**	0.0001	0	0	-100	100	02/09/2024
Chromium		0.0015		**< 0.0015**	0.0007	0	0	-100	100	02/12/2024
Cobalt		0.0010		**< 0.0010**	0.0001	0	0	-100	100	02/09/2024
Lead		0.0010		**< 0.0010**	0.0006	0	0	-100	100	02/09/2024
Lithium	*	0.0030		**< 0.0030**	0.0015	0	0	-100	100	02/09/2024
Molybdenum		0.0015		**< 0.0015**	0.0006	0	0	-100	100	02/09/2024
Selenium		0.0010		**< 0.0010**	0.0006	0	0	-100	100	02/09/2024
Thallium		0.0020		**< 0.0020**	0.0010	0	0	-100	100	02/09/2024

Batch 218407 **SampType:** LCS Units **mg/L**

SampID: LCS-218407

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		0.0010		**0.519**	0.5000	0	103.9	80	120	02/09/2024
Arsenic		0.0010		**0.523**	0.5000	0	104.7	80	120	02/09/2024
Barium		0.0010		**2.01**	2.000	0	100.6	80	120	02/09/2024
Beryllium		0.0010		**0.0496**	0.0500	0	99.1	80	120	02/09/2024
Boron		0.0250		**0.468**	0.5000	0	93.6	80	120	02/09/2024
Cadmium		0.0010		**0.0502**	0.0500	0	100.4	80	120	02/09/2024
Chromium		0.0015		**0.217**	0.2000	0	108.5	80	120	02/12/2024
Cobalt		0.0010		**0.490**	0.5000	0	98.0	80	120	02/09/2024
Lead		0.0010		**0.506**	0.5000	0	101.3	80	120	02/09/2024
Lithium	*	0.0030		**0.481**	0.5000	0	96.3	80	120	02/09/2024
Molybdenum		0.0015		**0.479**	0.5000	0	95.7	80	120	02/09/2024
Selenium		0.0010		**0.483**	0.5000	0	96.7	80	120	02/09/2024
Thallium		0.0020		**0.222**	0.2500	0	88.8	80	120	02/12/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24011852

Client Project: BAL-24Q1 **Report Date:** 29-Feb-24

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

Batch 218407 **SampType:** MS Units **mg/L**

SampID: 24011852-009BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		0.0010		**0.530**	0.5000	0	106.0	75	125	02/09/2024
Arsenic		0.0010		**0.538**	0.5000	0.0006190	107.6	75	125	02/09/2024
Barium		0.0010		**2.11**	2.000	0.09377	101.0	75	125	02/09/2024
Beryllium		0.0010		**0.0520**	0.0500	0	103.9	75	125	02/09/2024
Boron		0.0250		**0.552**	0.5000	0.03868	102.6	75	125	02/09/2024
Cadmium		0.0010		**0.0507**	0.0500	0	101.5	75	125	02/09/2024
Chromium		0.0015		**0.206**	0.2000	0.001442	102.2	75	125	02/12/2024
Cobalt		0.0010		**0.508**	0.5000	0.0008978	101.5	75	125	02/09/2024
Lead		0.0010		**0.508**	0.5000	0	101.5	75	125	02/09/2024
Lithium	*	0.0030		**0.492**	0.5000	0.004484	97.5	75	125	02/09/2024
Molybdenum		0.0015		**0.517**	0.5000	0.002078	102.9	75	125	02/12/2024
Selenium		0.0010		**0.494**	0.5000	0	98.8	75	125	02/09/2024
Thallium		0.0020		**0.227**	0.2500	0	90.8	75	125	02/12/2024

Batch 218407 **SampType:** MSD Units **mg/L** RPD Limit **20**

SampID: 24011852-009BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Antimony		0.0010		**0.525**	0.5000	0	105.0	0.5299	0.91	02/09/2024
Arsenic		0.0010		**0.544**	0.5000	0.0006190	108.7	0.5384	1.03	02/09/2024
Barium		0.0010		**2.10**	2.000	0.09377	100.2	2.113	0.73	02/09/2024
Beryllium		0.0010		**0.0519**	0.0500	0	103.9	0.05197	0.05	02/09/2024
Boron		0.0250		**0.512**	0.5000	0.03868	94.7	0.5519	7.45	02/09/2024
Cadmium		0.0010		**0.0501**	0.0500	0	100.3	0.05073	1.14	02/09/2024
Chromium		0.0015		**0.203**	0.2000	0.001442	101.0	0.2059	1.21	02/12/2024
Cobalt		0.0010		**0.491**	0.5000	0.0008978	98.1	0.5085	3.44	02/09/2024
Lead		0.0010		**0.486**	0.5000	0	97.3	0.5077	4.28	02/09/2024
Lithium	*	0.0030		**0.481**	0.5000	0.004484	95.2	0.4918	2.30	02/09/2024
Molybdenum		0.0015		**0.512**	0.5000	0.002078	102.0	0.5167	0.86	02/12/2024
Selenium		0.0010		**0.498**	0.5000	0	99.7	0.4942	0.83	02/09/2024
Thallium		0.0020		**0.227**	0.2500	0	90.8	0.2269	0.04	02/12/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24011852

Client Project: BAL-24Q1 **Report Date:** 29-Feb-24

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

Batch 218407 **SampType:** MS Units **mg/L**

SampID: 24011852-042BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		0.0010		**0.522**	0.5000	0.0006359	104.3	75	125	02/09/2024
Arsenic		0.0010		**0.544**	0.5000	0.006113	107.5	75	125	02/09/2024
Barium		0.0010		**2.12**	2.000	0.2009	95.8	75	125	02/09/2024
Beryllium		0.0010		**0.0527**	0.0500	0	105.3	75	125	02/09/2024
Boron		0.0250	S	**3.64**	0.5000	2.911	145.9	75	125	02/09/2024
Cadmium		0.0010		**0.0489**	0.0500	0	97.8	75	125	02/09/2024
Chromium		0.0015		**0.196**	0.2000	0.002265	96.7	75	125	02/12/2024
Cobalt		0.0010		**0.499**	0.5000	0.0003831	99.8	75	125	02/09/2024
Lead		0.0010		**0.513**	0.5000	0	102.6	75	125	02/09/2024
Lithium	*	0.0030		**0.498**	0.5000	0.005696	98.6	75	125	02/09/2024
Molybdenum		0.0015		**0.607**	0.5000	0.08578	104.2	75	125	02/12/2024
Selenium		0.0010		**0.502**	0.5000	0.007247	98.9	75	125	02/09/2024
Thallium		0.0020		**0.216**	0.2500	0	86.3	75	125	02/12/2024

Batch 218407 **SampType:** MSD Units **mg/L** RPD Limit **20**

SampID: 24011852-042BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Antimony		0.0010		**0.600**	0.5000	0.0006359	119.8	0.5221	13.83	02/09/2024
Arsenic		0.0010		**0.540**	0.5000	0.006113	106.7	0.5435	0.69	02/09/2024
Barium		0.0010		**2.27**	2.000	0.2009	103.2	2.116	6.79	02/09/2024
Beryllium		0.0010		**0.0510**	0.0500	0	102.1	0.05266	3.16	02/09/2024
Boron		0.0250	S	**3.69**	0.5000	2.911	155.8	3.641	1.36	02/09/2024
Cadmium		0.0010		**0.0582**	0.0500	0	116.4	0.04888	17.42	02/09/2024
Chromium		0.0015		**0.203**	0.2000	0.002265	100.2	0.1957	3.53	02/12/2024
Cobalt		0.0010		**0.487**	0.5000	0.0003831	97.3	0.4992	2.51	02/09/2024
Lead		0.0010		**0.494**	0.5000	0	98.9	0.5131	3.72	02/09/2024
Lithium	*	0.0030		**0.486**	0.5000	0.005696	96.0	0.4984	2.61	02/09/2024
Molybdenum		0.0015		**0.674**	0.5000	0.08578	117.7	0.6068	10.54	02/12/2024
Selenium		0.0010		**0.494**	0.5000	0.007247	97.3	0.5018	1.61	02/09/2024
Thallium		0.0020		**0.226**	0.2500	0	90.5	0.2159	4.68	02/12/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24011852

Client Project: BAL-24Q1 **Report Date:** 29-Feb-24

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

Batch 218457 **SampType:** MBLK Units **mg/L**

SampID: MBLK-218457

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	02/10/2024
Arsenic		0.0010		**< 0.0010**	0.0004	0	0	-100	100	02/10/2024
Barium		0.0010		**< 0.0010**	0.0007	0	0	-100	100	02/10/2024
Beryllium		0.0010		**< 0.0010**	0.0002	0	0	-100	100	02/10/2024
Boron		0.0250		**< 0.0250**	0.0093	0	0	-100	100	02/10/2024
Cadmium		0.0010		**< 0.0010**	0.0001	0	0	-100	100	02/10/2024
Chromium		0.0015		**< 0.0015**	0.0007	0	0	-100	100	02/12/2024
Cobalt		0.0010		**< 0.0010**	0.0001	0	0	-100	100	02/10/2024
Iron		0.0250		**< 0.0250**	0.0115	0	0	-100	100	02/12/2024
Lead		0.0010		**< 0.0010**	0.0006	0	0	-100	100	02/10/2024
Lithium	*	0.0030		**< 0.0030**	0.0015	0	0	-100	100	02/10/2024
Manganese		0.0020		**< 0.0020**	0.0008	0	0	-100	100	02/10/2024
Molybdenum		0.0015		**< 0.0015**	0.0006	0	0	-100	100	02/10/2024
Selenium		0.0010		**< 0.0010**	0.0006	0	0	-100	100	02/10/2024
Thallium		0.0020		**< 0.0020**	0.0010	0	0	-100	100	02/10/2024

Batch 218457 **SampType:** LCS Units **mg/L**

SampID: LCS-218457

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		0.0010		**0.524**	0.5000	0	104.7	80	120	02/10/2024
Arsenic		0.0010		**0.549**	0.5000	0	109.8	80	120	02/12/2024
Barium		0.0010		**1.99**	2.000	0	99.6	80	120	02/10/2024
Beryllium		0.0010		**0.0506**	0.0500	0	101.2	80	120	02/10/2024
Boron		0.0250		**0.516**	0.5000	0	103.1	80	120	02/13/2024
Cadmium		0.0010		**0.0487**	0.0500	0	97.4	80	120	02/10/2024
Chromium		0.0015		**0.209**	0.2000	0	104.5	80	120	02/12/2024
Cobalt		0.0010		**0.504**	0.5000	0	100.7	80	120	02/12/2024
Iron		0.0250		**2.02**	2.000	0	100.8	80	120	02/12/2024
Lead		0.0010		**0.496**	0.5000	0	99.2	80	120	02/10/2024
Lithium	*	0.0030		**0.513**	0.5000	0	102.6	80	120	02/13/2024
Manganese		0.0020		**0.506**	0.5000	0	101.2	80	120	02/10/2024
Molybdenum		0.0015		**0.481**	0.5000	0	96.2	80	120	02/12/2024
Selenium		0.0010		**0.499**	0.5000	0	99.9	80	120	02/10/2024
Thallium		0.0020		**0.202**	0.2500	0	80.7	80	120	02/12/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24011852

Client Project: BAL-24Q1 **Report Date:** 29-Feb-24

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

Batch 218485 **SampType:** MBLK Units **mg/L**

SampID: MBLK-218485

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	02/09/2024
Arsenic		0.0010		**< 0.0010**	0.0004	0	0	-100	100	02/09/2024
Barium		0.0010		**< 0.0010**	0.0007	0	0	-100	100	02/09/2024
Beryllium		0.0010		**< 0.0010**	0.0002	0	0	-100	100	02/09/2024
Boron		0.0250		**< 0.0250**	0.0093	0	0	-100	100	02/09/2024
Cadmium		0.0010		**< 0.0010**	0.0001	0	0	-100	100	02/09/2024
Chromium		0.0015		**< 0.0015**	0.0007	0	0	-100	100	02/12/2024
Cobalt		0.0010		**< 0.0010**	0.0001	0	0	-100	100	02/09/2024
Iron		0.0250		**< 0.0250**	0.0115	0	0	-100	100	02/09/2024
Lead		0.0010		**< 0.0010**	0.0006	0	0	-100	100	02/09/2024
Lithium	*	0.0030		**< 0.0030**	0.0015	0	0	-100	100	02/09/2024
Manganese		0.0020		**< 0.0020**	0.0008	0	0	-100	100	02/09/2024
Molybdenum		0.0015		**< 0.0015**	0.0006	0	0	-100	100	02/09/2024
Selenium		0.0010		**< 0.0010**	0.0006	0	0	-100	100	02/09/2024
Thallium		0.0020		**< 0.0020**	0.0010	0	0	-100	100	02/09/2024

Batch 218485 **SampType:** LCS Units **mg/L**

SampID: LCS-218485

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		0.0010		**0.506**	0.5000	0	101.3	80	120	02/09/2024
Arsenic		0.0010		**0.513**	0.5000	0	102.6	80	120	02/09/2024
Barium		0.0010		**1.91**	2.000	0	95.7	80	120	02/09/2024
Beryllium		0.0010		**0.0498**	0.0500	0	99.7	80	120	02/09/2024
Boron		0.0250		**0.466**	0.5000	0	93.2	80	120	02/09/2024
Cadmium		0.0010		**0.0474**	0.0500	0	94.8	80	120	02/09/2024
Chromium		0.0015		**0.186**	0.2000	0	92.9	80	120	02/12/2024
Cobalt		0.0010		**0.487**	0.5000	0	97.3	80	120	02/09/2024
Iron		0.0250		**1.93**	2.000	0	96.6	80	120	02/12/2024
Lead		0.0010		**0.473**	0.5000	0	94.7	80	120	02/09/2024
Lithium	*	0.0030		**0.490**	0.5000	0	97.9	80	120	02/09/2024
Manganese		0.0020		**0.484**	0.5000	0	96.9	80	120	02/09/2024
Molybdenum		0.0015		**0.469**	0.5000	0	93.8	80	120	02/12/2024
Selenium		0.0010		**0.487**	0.5000	0	97.3	80	120	02/09/2024
Thallium		0.0020		**0.200**	0.2500	0	80.1	80	120	02/12/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24011852

Client Project: BAL-24Q1 **Report Date:** 29-Feb-24

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

Batch 218539 **SampType:** MBLK Units **mg/L**

SampID: MBLK-218539

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	02/12/2024
Arsenic		0.0010		**< 0.0010**	0.0004	0	0	-100	100	02/12/2024
Barium		0.0010		**< 0.0010**	0.0007	0	0	-100	100	02/12/2024
Beryllium		0.0010		**< 0.0010**	0.0002	0	0	-100	100	02/12/2024
Boron		0.0250		**< 0.0250**	0.0093	0	0	-100	100	02/13/2024
Cadmium		0.0010		**< 0.0010**	0.0001	0	0	-100	100	02/12/2024
Chromium		0.0015		**< 0.0015**	0.0007	0	0	-100	100	02/12/2024
Cobalt		0.0010		**< 0.0010**	0.0001	0	0	-100	100	02/12/2024
Iron		0.0250		**< 0.0250**	0.0115	0	0	-100	100	02/12/2024
Lead		0.0010		**< 0.0010**	0.0006	0	0	-100	100	02/12/2024
Lithium	*	0.0030		**< 0.0030**	0.0015	0	0	-100	100	02/13/2024
Manganese		0.0020		**< 0.0020**	0.0008	0	0	-100	100	02/13/2024
Molybdenum		0.0015		**< 0.0015**	0.0006	0	0	-100	100	02/12/2024
Selenium		0.0010		**< 0.0010**	0.0006	0	0	-100	100	02/12/2024
Thallium		0.0020		**< 0.0020**	0.0010	0	0	-100	100	02/12/2024

Batch 218539 **SampType:** LCS Units **mg/L**

SampID: LCS-218539

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		0.0010		**0.513**	0.5000	0	102.7	80	120	02/12/2024
Arsenic		0.0010		**0.538**	0.5000	0	107.5	80	120	02/12/2024
Barium		0.0010		**2.08**	2.000	0	103.8	80	120	02/12/2024
Beryllium		0.0010		**0.0535**	0.0500	0	106.9	80	120	02/12/2024
Boron		0.0250		**0.501**	0.5000	0	100.2	80	120	02/13/2024
Cadmium		0.0010		**0.0499**	0.0500	0	99.8	80	120	02/12/2024
Chromium		0.0015		**0.200**	0.2000	0	100.2	80	120	02/12/2024
Cobalt		0.0010		**0.505**	0.5000	0	101.0	80	120	02/12/2024
Iron		0.0250		**1.97**	2.000	0	98.6	80	120	02/12/2024
Lead		0.0010		**0.511**	0.5000	0	102.3	80	120	02/12/2024
Lithium	*	0.0030		**0.500**	0.5000	0	100.0	80	120	02/13/2024
Manganese		0.0020		**0.518**	0.5000	0	103.7	80	120	02/13/2024
Molybdenum		0.0015		**0.474**	0.5000	0	94.7	80	120	02/12/2024
Selenium		0.0010		**0.520**	0.5000	0	104.0	80	120	02/12/2024
Thallium		0.0020		**0.215**	0.2500	0	85.9	80	120	02/13/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24011852

Client Project: BAL-24Q1 **Report Date:** 29-Feb-24

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

Batch 218539 **SampType:** MS Units **mg/L**

SampID: 24011852-045CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		0.0010		**0.513**	0.5000	0	102.7	75	125	02/13/2024
Arsenic		0.0010		**0.534**	0.5000	0	106.7	75	125	02/13/2024
Barium		0.0010		**2.04**	2.000	0	102.2	75	125	02/13/2024
Beryllium		0.0010		**0.0508**	0.0500	0	101.5	75	125	02/13/2024
Boron		0.0250		**0.503**	0.5000	0	100.5	75	125	02/13/2024
Cadmium		0.0010		**0.0491**	0.0500	0	98.2	75	125	02/13/2024
Chromium		0.0015		**0.201**	0.2000	0.0009920	100.2	75	125	02/13/2024
Cobalt		0.0010		**0.495**	0.5000	0	99.0	75	125	02/13/2024
Iron		0.0250		**1.91**	2.000	0.03055	94.2	75	125	02/13/2024
Lead		0.0010		**0.488**	0.5000	0.004294	96.7	75	125	02/13/2024
Lithium	*	0.0030		**0.517**	0.5000	0	103.3	75	125	02/13/2024
Manganese		0.0020		**0.497**	0.5000	0	99.4	75	125	02/13/2024
Molybdenum		0.0015		**0.464**	0.5000	0	92.9	75	125	02/13/2024
Selenium		0.0010		**0.519**	0.5000	0	103.7	75	125	02/13/2024
Thallium		0.0020		**0.208**	0.2500	0	83.2	75	125	02/13/2024

Batch 218539 **SampType:** MSD Units **mg/L** RPD Limit **20**

SampID: 24011852-045CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Antimony		0.0010		**0.506**	0.5000	0	101.1	0.5135	1.54	02/13/2024
Arsenic		0.0010		**0.526**	0.5000	0	105.2	0.5335	1.46	02/13/2024
Barium		0.0010		**2.04**	2.000	0	102.0	2.044	0.25	02/13/2024
Beryllium		0.0010		**0.0517**	0.0500	0	103.3	0.05075	1.78	02/13/2024
Boron		0.0250		**0.503**	0.5000	0	100.6	0.5027	0.07	02/13/2024
Cadmium		0.0010		**0.0484**	0.0500	0	96.9	0.04908	1.30	02/13/2024
Chromium		0.0015		**0.190**	0.2000	0.0009920	94.7	0.2015	5.65	02/13/2024
Cobalt		0.0010		**0.489**	0.5000	0	97.7	0.4952	1.31	02/13/2024
Iron		0.0250		**1.93**	2.000	0.03055	95.0	1.915	0.83	02/13/2024
Lead		0.0010		**0.501**	0.5000	0.004294	99.3	0.4880	2.56	02/13/2024
Lithium	*	0.0030		**0.514**	0.5000	0	102.7	0.5166	0.57	02/13/2024
Manganese		0.0020		**0.500**	0.5000	0	100.0	0.4971	0.54	02/13/2024
Molybdenum		0.0015		**0.476**	0.5000	0	95.1	0.4644	2.37	02/13/2024
Selenium		0.0010		**0.511**	0.5000	0	102.3	0.5186	1.39	02/13/2024
Thallium		0.0020		**0.217**	0.2500	0	86.7	0.2080	4.06	02/13/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24011852

Client Project: BAL-24Q1 **Report Date:** 29-Feb-24

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

Batch 219088 **SampType:** MBLK Units **mg/L**

SampID: MBLK-219088

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	02/23/2024
Arsenic		0.0010		**< 0.0010**	0.0004	0	0	-100	100	02/23/2024
Barium		0.0010		**< 0.0010**	0.0007	0	0	-100	100	02/23/2024
Beryllium		0.0010		**< 0.0010**	0.0002	0	0	-100	100	02/23/2024
Boron		0.0250		**< 0.0250**	0.0093	0	0	-100	100	02/23/2024
Cadmium		0.0010		**< 0.0010**	0.0001	0	0	-100	100	02/23/2024
Chromium		0.0015		**< 0.0015**	0.0007	0	0	-100	100	02/23/2024
Cobalt		0.0010		**< 0.0010**	0.0001	0	0	-100	100	02/23/2024
Iron		0.0250		**< 0.0250**	0.0115	0	0	-100	100	02/23/2024
Lead		0.0010		**< 0.0010**	0.0006	0	0	-100	100	02/23/2024
Lithium	*	0.0030		**< 0.0030**	0.0015	0	0	-100	100	02/23/2024
Manganese		0.0020		**< 0.0020**	0.0008	0	0	-100	100	02/23/2024
Molybdenum		0.0015		**< 0.0015**	0.0006	0	0	-100	100	02/23/2024
Selenium		0.0010		**< 0.0010**	0.0006	0	0	-100	100	02/23/2024
Thallium		0.0020		**< 0.0020**	0.0010	0	0	-100	100	02/23/2024

Batch 219088 **SampType:** LCS Units **mg/L**

SampID: LCS-219088

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		0.0010		**0.493**	0.5000	0	98.7	80	120	02/23/2024
Arsenic		0.0010		**0.508**	0.5000	0	101.7	80	120	02/23/2024
Barium		0.0010		**1.97**	2.000	0	98.3	80	120	02/23/2024
Beryllium		0.0010		**0.0468**	0.0500	0	93.5	80	120	02/23/2024
Boron		0.0250		**0.447**	0.5000	0	89.4	80	120	02/23/2024
Cadmium		0.0010		**0.0478**	0.0500	0	95.6	80	120	02/23/2024
Chromium		0.0015		**0.180**	0.2000	0	90.1	80	120	02/23/2024
Cobalt		0.0010		**0.460**	0.5000	0	92.0	80	120	02/23/2024
Iron		0.0250		**1.86**	2.000	0	92.8	80	120	02/23/2024
Lead		0.0010		**0.483**	0.5000	0	96.6	80	120	02/23/2024
Lithium	*	0.0030		**0.442**	0.5000	0	88.5	80	120	02/23/2024
Manganese		0.0020		**0.470**	0.5000	0	94.1	80	120	02/23/2024
Molybdenum		0.0015		**0.451**	0.5000	0	90.3	80	120	02/23/2024
Selenium		0.0010		**0.501**	0.5000	0	100.3	80	120	02/23/2024
Thallium		0.0020		**0.236**	0.2500	0	94.4	80	120	02/26/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24011852

Client Project: BAL-24Q1 **Report Date:** 29-Feb-24

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

Batch 219088 **SampType:** DUP Units **mg/L** RPD Limit **20**
SampID: 24011852-035BDUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Thallium		0.0020	J	**0.0013**				0	0.00	02/23/2024

Batch 219088 **SampType:** DUP Units **mg/L** RPD Limit **20**
SampID: 24011852-043CDUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Thallium		0.0020		**< 0.0020**				0	0.00	02/23/2024

SW-846 7470A (TOTAL)

Batch 218362 **SampType:** MBLK Units **mg/L**
SampID: MBLK-218362

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	02/07/2024

Batch 218362 **SampType:** LCS Units **mg/L**
SampID: LCS-218362

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.00020		**0.00443**	0.0050	0	88.7	85	115	02/07/2024

Batch 218362 **SampType:** MS Units **mg/L**
SampID: 24020300-001BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.00020		**0.00479**	0.0050	0	95.8	75	125	02/07/2024

Batch 218362 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24020300-001BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury		0.00020		**0.00504**	0.0050	0	100.7	0.004789	5.06	02/07/2024

Batch 218405 **SampType:** MBLK Units **mg/L**
SampID: MBLK-218405

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	02/08/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24011852

Client Project: BAL-24Q1 **Report Date:** 29-Feb-24

SW-846 7470A (TOTAL)

Batch 218405 **SampType:** LCS Units **mg/L**
SampID: LCS-218405

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.00020		**0.00452**	0.0050	0	90.4	85	115	02/08/2024

Batch 218405 **SampType:** MS Units **mg/L**
SampID: 24011852-028BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.00020		**0.00480**	0.0050	0	95.9	75	125	02/08/2024

Batch 218405 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24011852-028BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury		0.00020		**0.00489**	0.0050	0	97.8	0.004795	1.92	02/08/2024

Batch 218405 **SampType:** MS Units **mg/L**
SampID: 24011852-044CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.00020		**0.00483**	0.0050	0	96.6	75	125	02/08/2024

Batch 218405 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24011852-044CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury		0.00020		**0.00487**	0.0050	0	97.3	0.004828	0.77	02/08/2024

Batch 218438 **SampType:** MBLK Units **mg/L**
SampID: MBLK-218438

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	02/08/2024

Batch 218438 **SampType:** LCS Units **mg/L**
SampID: LCS-218438

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.00020		**0.00460**	0.0050	0	92.0	85	115	02/08/2024

Batch 218438 **SampType:** MS Units **mg/L**
SampID: 24020437-002BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.00020		**0.00454**	0.0050	0	90.9	75	125	02/08/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24011852

Client Project: BAL-24Q1 **Report Date:** 29-Feb-24

SW-846 7470A (TOTAL)

Batch 218438 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24020437-002BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury		0.00020		**0.00464**	0.0050	0	92.8	0.004544	2.13	02/08/2024

Batch 218483 **SampType:** MBLK Units **mg/L**
SampID: MBLK-218483

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	02/09/2024

Batch 218483 **SampType:** LCS Units **mg/L**
SampID: LCS-218483

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.00020		**0.00462**	0.0050	0	92.3	85	115	02/09/2024

Batch 218483 **SampType:** MS Units **mg/L**
SampID: 24011852-014CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.00020		**0.00473**	0.0050	0	94.7	75	125	02/09/2024

Batch 218483 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24011852-014CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury		0.00020		**0.00458**	0.0050	0	91.6	0.004733	3.24	02/09/2024

Batch 218483 **SampType:** MS Units **mg/L**
SampID: 24011852-024BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.00020		**0.00453**	0.0050	0	90.6	75	125	02/09/2024

Batch 218483 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24011852-024BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury		0.00020		**0.00448**	0.0050	0	89.7	0.004529	1.01	02/09/2024

Batch 218551 **SampType:** MBLK Units **mg/L**
SampID: MBLK-218551

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	02/12/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll
Work Order: 24011852
Client Project: BAL-24Q1
Report Date: 29-Feb-24

SW-846 7470A (TOTAL)

Batch 218551 **SampType:** LCS Units **mg/L**
SampID: LCS-218551

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.00020		**0.00469**	0.0050	0	93.9	85	115	02/12/2024

Teklab, Inc. Environmental Laboratory

Receiving Check List

Client: Ramboll
Client Project: BAL-24Q1

Work Order: 24011852
Report Date: 29-Feb-24

Carrier: Tracy Carroll

Received By: LEH

Completed by: Amber Dilallo
On: 06-Feb-24

Reviewed by: Ellie Hopkins
On: 13-Feb-24

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

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐	Temp °C 5.1
Type of thermal preservation?	None ☐	Ice ☑	Blue Ice ☐	Dry Ice ☐
Chain of custody present?	Yes ☑	No ☐		
Chain of custody signed when relinquished and received?	Yes ☑	No ☐		
Chain of custody agrees with sample labels?	Yes ☑	No ☐		
Samples in proper container/bottle?	Yes ☑	No ☐		
Sample containers intact?	Yes ☑	No ☐		
Sufficient sample volume for indicated test?	Yes ☑	No ☐		
All samples received within holding time?	Yes ☑	No ☐		
Reported field parameters measured:	Field ☑	Lab ☐	NA ☐	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐		
When thermal preservation is required, samples are compliant with a temperature between 0.1°C - 6.0°C, or when samples are received on ice the same day as collected.				
Water – at least one vial per sample has zero headspace?	Yes ☐	No ☐	No VOA vials ☑	
Water - TOX containers have zero headspace?	Yes ☐	No ☐	No TOX containers ☑	
Water - pH acceptable upon receipt?	Yes ☐	No ☑	NA ☐	
NPDES/CWA TCN interferences checked/treated in the field?	Yes ☐	No ☐	NA ☑	

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

Additional Nitric Acid (94914) was needed in MW-104DR, MW-104SR, MW-304 and MW-304 Duplicateupon arrival at the laboratory. pH strip #90719. - amberdilallo - 2/6/2024 8:34:37 AM

Samples received 2/6/24 at 1706 (13.1C on ice LTG5). Additional Nitric Acid (94914) was needed in MW-192, MW-193, MW-358, MW-369, MW-370, MW-382, MW-383, MW-384, MW-391, MW-392, MW-393, MW-394, OX-257, PZ-170, PZ-182 and XPW06 upon arrival at the laboratory. pH strip #90719. - amberdilallo - 2/7/2024 9:23:11 AM

pH strip #90719. - lmaddox - 2/8/2024 10:07:53 AM

Additional Nitric Acid (94914) was needed in MW356 upon arrival at the laboratory. - lmaddox - 2/8/2024 10:07:56 AM

Samples received 2/7/24 at 1645 (13.5C on ice LTG5).- LM 2/8

Samples received 2/8/24 at 1355 (11.1C on ice LTG5). Additional Nitric Acid (94914) was needed in XPW01 upon arrival at the laboratory. pH strip #90719. - amberdilallo - 2/9/2024 9:18:02 AM

Samples received 2/9/24 at 1030 (5.7C on ice LTG5). Additional Nitric Acid (94914) was needed in MW-391 upon arrival at the laboratory. pH strip #90719. - amberdilallo - 2/9/2024 9:18:02 AM

24011852

CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: 1 of 3

Section A Required Client Information:	Section B Required Project Information:	Section C Invoice Information:
Company: Vistra Corp-Baldwin	Report To: Brian Voelker	Attention: Kim Edmiaston
Address: 10901 Baldwin Road	Copy To: Sam Davies-samantha.davies@vistracorp.com	Company Name: Vistra Corp
Baldwin, IL 62217	Kim Edmiaston-Kimberly.Edmiaston@vistracorp.com	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: 2285	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-WPCP-605	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	MW-104DR	WT		2/5/24	1447		4	2		2											X		24011852-001
2	MW-104SR	WT		2/5/24	1527		4	2		2											X		24011852-002
3	MW-150	WT					4	2		2								X		X	X		24011852-003
4	MW-151	WT					4	2		2								X		X	X		24011852-004
5	MW-152	WT					4	2		2								X		X	X		24011852-005
6	MW-153	WT					4	2		2								X		X	X		24011852-006
7	MW-154	WT					4	2		2											X		24011852-007
8	MW-155	WT					4	2		2											X		24011852-008
9	MW-192	WT					2	1		1							X		X				24011852-009
10	MW-193	WT					2	1		1							X		X				24011852-010
11	MW-252	WT					4	2		2								X		X	X		24011852-011
12	MW-253	WT					4	2		2								X		X	X		24011852-012
13	MW-304	WT		2/5/24	1254		4	2		2							X	X	X	X	X		24011852-013
14	MW-306	WT					4	2		2							X	X	X	X	X		24011852-014
15	MW-350	WT					4	2		2								X		X	X		24011852-015
16	MW-352	WT					4	2		2								X		X	X		24011852-016

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
BAL-24Q1 Rev 0		2/5/24	4:42		2/5/24	16.42

SAMPLE CONDITIONS

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

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Tracy Card

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 2/5/24

PHR 90719

added HNO3 (94914) 10 totals

LIG 5

LH 2/6/24

24011852

CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: 3 of 3

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company:	Vistra Corp-Baldwin	Report To:	Brian Voelker	Attention:	Kim Edmiaston
Address:	10901 Baldwin Road	Copy To:	Sam Davies-samantha.davies@vistracorp.com	Company Name:	Vistra Corp
	Baldwin, IL 62217		Kim Edmiaston-Kimberly.Edmiaston@vistracorp.com	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:	2285	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	Requested Analysis Filtered (Y/N) Y/N	Analysis Test: BAL-257-601	BAL-257-605	BAL-845-601	BAL-845-605	BAL-WPCP-605	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	OW-156	WT					0														X		24011852-033
2	OW-157	WT					0														X		24011852-034
3	OW-256	WT					2	1		1							X		X				24011852-035
4	OW-257	WT					2	1		1							X		X				24011852-036
5	PZ-170	WT					2	1		1							X		X				24011852-037
6	PZ-182	WT					2	1		1							X		X				24011852-038
7	TPZ-164	WT					2	1		1							X		X				24011852-039
8	XPW01	WT					2	1		1							X		X				24011852-040
9	XPW05	WT					2	1		1							X		X				24011852-041
10	XPW06	WT					2	1		1							X		X				24011852-042
11	Field Blank	WT					4	2		2							X	X	X	X	X		24011852-043
12	MW-304 Duplicate	WT		2/5/24	1254		4	2		2							X	X	X	X	X		24011852-044
13	Equipment Blank 1	WT					4	2		2							X	X	X	X	X		24011852-045
14	Equipment Blank 2	WT					4	2		2							X	X	X	X	X		24011852-046
15	Equipment Blank 3	WT					4	2		2							X	X	X	X	X		24011852-047
16																							

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
BAL-24Q1 Rev 0	Troy Council	2/5/24	4:40	Sam Davies	2/5/24	16.42	

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:	Troy Council			Y	N	
SIGNATURE of SAMPLER:	Troy Council	DATE Signed (MM/DD/YY): 2/5/24				

CHAIN-OF-CUSTODY / Analytical Request Document

24011852

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

Page: 1 of 3

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company:	Vistra Corp-Baldwin	Report To:	Brian Voelker	Attention:	Kim Edmiaston
Address:	10901 Baldwin Road	Copy To:	Sam Davies-samantha.davies@vistracorp.com	Company Name:	Vistra Corp
	Baldwin, IL 62217		Kim Edmiaston-Kimberly.Edmiaston@vistracorp.com	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:	2285	Profile #:	

REGULATORY AGENCY

NPDES GROUND WATER DRINKING WATER

UST RCRA OTHER

Site Location STATE: IL

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 #	Section D Required Client Information: SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE	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-WPCP-605	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	MW-104DR	WT					4	2		2											X		24011852-001
2	MW-104SR	WT					4	2		2											X		24011852-002
3	MW-150	WT					4	2		2								X		X	X		24011852-003
4	MW-151	WT					4	2		2								X		X	X		24011852-004
5	MW-152	WT					4	2		2								X		X	X		24011852-005
6	MW-153	WT					4	2		2								X		X	X		24011852-006
7	MW-154	WT		2-6-24	DRY		4	2		2											X		24011852-007
8	MW-155	WT					4	2		2											X		24011852-008
9	MW-192	WT		2-6-24	1018		2	1		1							X		X				24011852-009
10	MW-193	WT		2-6-24	1228		2	1		1							X		X				24011852-010
11	MW-252	WT					4	2		2								X		X	X		24011852-011
12	MW-253	WT					4	2		2								X		X	X		24011852-012
13	MW-304	WT					4	2		2							X	X	X	X	X		24011852-013
14	MW-306	WT					4	2		2							X	X	X	X	X		24011852-014
15	MW-350	WT					4	2		2								X		X	X		24011852-015
16	MW-352	WT					4	2		2								X		X	X		24011852-016

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS: Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
BAL-24Q1 Rev 0	J. Colp	2-6	1706	Lauren Henson	2/6	1706	13.1	Y	N	Y

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Justin Colp

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 2-6-24

LTG 5

PHV 90719 preserved in lab added NH_4O_3 (9+9+4) to all Samples LH 2/6/24

Confidential

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:	Kim Edmiaston
Address:	10901 Baldwin Road	Copy To:	Sam Davies-samantha.davies@vistracorp.com	Company Name:	Vistra Corp
	Baldwin, IL 62217		Kim Edmiaston-Kimberly.Edmiaston@vistracorp.com	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:	2285	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

ITEM #	SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	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): Y/N	Analysis Test: BAL-257-601	BAL-257-605	BAL-845-601	BAL-845-605	BAL-WPCP-605	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	MW-355	WT					4	2		2											X		24011852-017
2	MW-356	WT					2	1		1							X		X				24011852-018
3	MW-358	WT		2-6-24	1522		2	1		1							X	X	X	X			24011852-019
4	MW-366	WT					2	1		1								X		X			24011852-020
5	MW-369	WT		2-6-24	1052		2	1		1							X		X				24011852-021
6	MW-370	WT		2-6-24	0941		2	1		1							X		X				24011852-022
7	MW-375	WT					2	1		1								X		X			24011852-023
8	MW-377	WT					2	1		1								X		X			24011852-024
9	MW-382	WT		2-6-24	1208		2	1		1							X		X				24011852-025
10	MW-383	WT		2-6-24	1414		2	1		1								X		X			24011852-026
11	MW-384	WT		2-6-24	1331		2	1		1								X		X			24011852-027
12	MW-390	WT		2-6-24	1258		2	1		1								X		X			24011852-028
13	MW-391	WT		2-6-24	DRY		2	1		1								X		X			24011852-029
14	MW-392	WT		2-6-24	1120		2	1		1							X		X				24011852-030
15	MW-393	WT		2-6-24	1315		2	1		1							X		X				24011852-031
16	MW-394	WT		2-6-24	1416		2	1		1							X		X				24011852-032

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
BAL-24Q1 Rev 0	J. Colp	2-6	1706	Samantha Davies	2/6	1706	13.1 / Y / N

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Justin Colp

SIGNATURE of SAMPLER: DATE Signed (MM/DD/YY): 2-6-24

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

CTG 5

CHAIN-OF-CUSTODY / Analytical Request Document

24011852

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

Page: 3 of 3

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company:	Vistra Corp-Baldwin	Report To:	Brian Voelker	Attention:	Kim Edmiaston
Address:	10901 Baldwin Road	Copy To:	Sam Davies-samantha.davies@vistracorp.com	Company Name:	Vistra Corp
	Baldwin, IL 62217		Kim Edmiaston-Kimberly.Edmiaston@vistracorp.com	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:	2285	Profile #:	

REGULATORY AGENCY		
NPDES	GROUND WATER	DRINKING WATER
UST	RCRA	OTHER

Site Location STATE: IL

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 #	Section D Required Client Information: SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE	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) Y/N	Analysis Test: BAL-257-601	BAL-257-605	BAL-845-601	BAL-845-605	BAL-WPCP-605	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	OW-156	WT					0														X		24011852-033
2	OW-157	WT					0														X		24011852-034
3	OW-256	WT					2	1		1							X		X				24011852-035
4	OW-257	WT		2-6-24	1014		2	1		1							X		X				24011852-036
5	PZ-170	WT		2-6-24	0924		2	1		1							X		X				24011852-037
6	PZ-182	WT		2-6-24	1237		2	1		1							X		X				24011852-038
7	TPZ-164	WT					2	1		1							X		X				24011852-039
8	XPW01	WT					2	1		1							X		X				24011852-040
9	XPW05	WT					2	1		1							X		X				24011852-041
10	XPW06	WT		2-6-24	1123		2	1		1							X		X				24011852-042
11	Field Blank	WT					4	2		2							X	X	X	X	X		24011852-043
12	MW-304 Duplicate	WT					4	2		2							X	X	X	X	X		24011852-044
13	Equipment Blank 1	WT					4	2		2							X	X	X	X	X		24011852-045
14	Equipment Blank 2	WT					4	2		2							X	X	X	X	X		24011852-046
15	Equipment Blank 3	WT					4	2		2							X	X	X	X	X		24011852-047
16																							

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
BAL-24Q1 Rev 0	J. Colp	2-6	1706	[signature]	2/6	1706	13.1	Y	N	

SAMPLER NAME AND SIGNATURE			Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER:	Justin Colp					
SIGNATURE of SAMPLER:	[signature]	DATE Signed (MM/DD/YY): 2-6-24				

LTG 5

CHAIN-OF-CUSTODY / Analytical Request Document

24011852

PH-257-605

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

Page: 1 of 3

Section A Required Client Information:	Section B Required Project Information:	Section C Invoice Information:
Company: Vistra Corp-Baldwin	Report To: Brian Voelker	Attention: Kim Edmiaston
Address: 10901 Baldwin Road	Copy To: Sam Davies-samantha.davies@vistracorp.com	Company Name: Vistra Corp
Baldwin, IL 62217	Kim Edmiaston-Kimberly.Edmiaston@vistracorp.com	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: 2285	Profile #:

REGULATORY AGENCY

NPDES GROUND WATER DRINKING WATER
UST RCRA OTHER

Site Location STATE: IL

Requested Analysis Filtered (Y/N)

ITEM #	Section D Required Client Information: SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE	Valid Matrix Codes MATRIX / CODE: DRINKING WATER DW; WATER WT; WASTE WATER WW; PRODUCT P; SOIL/SOLID SL; OIL OL; WIPE WP; AIR AR; OTHER OT; TISSUE TS	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED 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-WPCP-605	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	MW-104DR		WT					4	2		2										X		24011852-001
2	MW-104SR		WT					4	2		2										X		24011852-002
3	MW-150		WT		2-7-24	1112		4	2		2							X		X	X		24011852-003
4	MW-151		WT		2-7-24	1126		4	2		2							X		X	X		24011852-004
5	MW-152		WT		2-7-24	1305		4	2		2							X		X	X		24011852-005
6	MW-153		WT					4	2		2							X		X	X		24011852-006
7	MW-154		WT					4	2		2										X		24011852-007
8	MW-155		WT					4	2		2										X		24011852-008
9	MW-192		WT					2	1		1						X		X				24011852-009
10	MW-193		WT					2	1		1						X		X				24011852-010
11	MW-252		WT		2-7-24	1202		4	2		2							X		X	X		24011852-011
12	MW-253		WT					4	2		2							X		X	X		24011852-012
13	MW-304		WT					4	2		2						X	X	X	X	X		24011852-013
14	MW-306		WT		2-7-24	0929		4	2		2						X	X	X	X	X		24011852-014
15	MW-350		WT		2-7-24	1156		4	2		2							X		X	X		24011852-015
16	MW-352		WT		2-7-24	1146		4	2		2							X		X	X		24011852-016

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
BAL-24Q1 Rev 0	J. Colp	2-7	1625		2/7/24	1625		Y	N	
							13.5			

PH: 90719 ES 2/8
Added HNO_3 (94914) to MW356
UM 2/8

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): 2-7-24				

UM 2/8

24011852

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:	Kim Edmiaston
Address:	10901 Baldwin Road	Copy To:	Sam Davies-samantha.davies@vistracorp.com	Company Name:	Vistra Corp
	Baldwin, IL 62217		Kim Edmiaston-Kimberly.Edmiaston@vistracorp.com	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:	2285	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

ITEM #	SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	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-WPCP-605	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	MW-355	WT					4	2		2											X		24011852-017
2	MW-356	WT		2-7-24	0932		2	1		1							X		X				24011852-018
3	MW-358	WT					2	1		1							X	X	X	X			24011852-019
4	MW-366	WT		2-7-24	1023		2	1		1								X		X			24011852-020
5	MW-369	WT					2	1		1							X		X				24011852-021
6	MW-370	WT					2	1		1							X		X				24011852-022
7	MW-375	WT		2-7-24	1324		2	1		1								X		X			24011852-023
8	MW-377	WT		2-7-24	1333		2	1		1								X		X			24011852-024
9	MW-382	WT					2	1		1							X		X				24011852-025
10	MW-383	WT					2	1		1								X		X			24011852-026
11	MW-384	WT					2	1		1								X		X			24011852-027
12	MW-390	WT					2	1		1								X		X			24011852-028
13	MW-391	WT					2	1		1								X		X			24011852-029
14	MW-392	WT					2	1		1							X		X				24011852-030
15	MW-393	WT					2	1		1							X		X				24011852-031
16	MW-394	WT					2	1		1							X		X				24011852-032

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
BAL-24Q1 Rev 0	J. Colp	2-7	1625		2/7/24	1625	
							13.5

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Justin Colp

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 2-7-24

Temp in °C	Received on Ice (Y/N)	Custody Seal Cooler (Y/N)	Samples Intact (Y/N)
CTG 5			

CHAIN-OF-CUSTODY / Analytical Request Document

24011852

BAL-257-605

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

Page: 3 of 3

Section A Required Client Information:	Section B Required Project Information:	Section C Invoice Information:
Company: Vistra Corp-Baldwin	Report To: Brian Voelker	Attention: Kim Edmiaston
Address: 10901 Baldwin Road	Copy To: Sam Davies-samantha.davies@vistracorp.com	Company Name: Vistra Corp
Baldwin, IL 62217	Kim Edmiaston-Kimberly.Edmiaston@vistracorp.com	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: 2285	Profile #:

REGULATORY AGENCY

NPDES GROUND WATER DRINKING WATER
UST RCRA OTHER

Site Location STATE: IL

Requested Analysis Filtered (Y/N)

ITEM #	Section D Required Client Information: SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE	Valid Matrix Codes MATRIX / CODE: DRINKING WATER DW; WATER WT; WASTE WATER WW; PRODUCT P; SOIL/SOLID SL; OIL OL; WIPE WP; AIR AR; OTHER OT; TISSUE TS	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED 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-WPCP-605	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	OW-156		WT		7-7-24	1020		0													X			24011852-033
2	OW-157		WT		7-7-24	1035		0													X			24011852-034
3	OW-256		WT		7-7-24	1006		2	1		1						X		X					24011852-035
4	OW-257		WT					2	1		1						X		X					24011852-036
5	PZ-170		WT					2	1		1						X		X					24011852-037
6	PZ-182		WT					2	1		1						X		X					24011852-038
7	TPZ-164		WT					2	1		1						X		X					24011852-039
8	XPW01		WT					2	1		1						X		X					24011852-040
9	XPW05		WT					2	1		1						X		X					24011852-041
10	XPW06		WT					2	1		1						X		X					24011852-042
11	Field Blank		WT					4	2		2						X	X	X	X	X			24011852-043
12	MW-304 Duplicate		WT					4	2		2						X	X	X	X	X			24011852-044
13	Equipment Blank 1		WT					4	2		2						X	X	X	X	X			24011852-045
14	Equipment Blank 2		WT					4	2		2						X	X	X	X	X			24011852-046
15	Equipment Blank 3		WT					4	2		2						X	X	X	X	X			24011852-047
16																								

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
BAL-24Q1 Rev 0	J. Colp	7-7	1625		7/7/24	1625

SAMPLE CONDITIONS

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

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Justin Colp

SIGNATURE of SAMPLER: Justin Colp DATE Signed (MM/DD/YY): 7-7-2024

LTG 5

CHAIN-OF-CUSTODY / Analytical Request Document

24011852

BAL-257-605

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

Page: 1 of 3

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company:	Vistra Corp-Baldwin	Report To:	Brian Voelker	Attention:	Kim Edmiaston
Address:	10901 Baldwin Road	Copy To:	Sam Davies-samantha.davies@vistracorp.com	Company Name:	Vistra Corp
	Baldwin, IL 62217		Kim Edmiaston-Kimberly.Edmiaston@vistracorp.com	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:	2285	Profile #:	

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

Requested Analysis Filtered (Y/N)

ITEM #	Section D Required Client Information: SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE	Valid Matrix Codes MATRIX / CODE: DRINKING WATER DW; WATER WT; WASTE WATER WW; PRODUCT P; SOIL/SOLID SL; OIL OL; WIPE WP; AIR AR; OTHER OT; TISSUE TS	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED 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-WPCP-605	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	MW-104DR		WT					4	2		2										X			
2	MW-104SR		WT					4	2		2										X			
3	MW-150		WT					4	2		2							X		X	X			
4	MW-151		WT					4	2		2							X		X	X			
5	MW-152		WT					4	2		2							X		X	X			
6	MW-153		WT		2-8-24	0948		4	2		2							X		X	X			
7	MW-154		WT					4	2		2										X			
8	MW-155		WT					4	2		2										X			
9	MW-192		WT					2	1		1						X		X					
10	MW-193		WT					2	1		1						X		X					
11	MW-252		WT					4	2		2							X		X	X			
12	MW-253		WT		2-8-24	1036		4	2		2							X		X	X			
13	MW-304		WT					4	2		2						X	X	X	X	X			
14	MW-306		WT					4	2		2						X	X	X	X	X			
15	MW-350		WT					4	2		2							X		X	X			
16	MW-352		WT					4	2		2							X		X	X			

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS: Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
BAL-24Q1 Rev 0	J. Colp	2-8	1:55	Emily Sackett	2/8/24	1:55	#6	>	N	Y
							#1			

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Justin Colp

SIGNATURE of SAMPLER: Justin Colp DATE Signed (MM/DD/YY): 2-8-24

PH: 90719
Added HNO_3(94914) to XPW01
in 2nd
5.5 #5

24011852

CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: 3 of 3

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company:	Vistra Corp-Baldwin	Report To:	Brian Voelker	Attention:	Kim Edmiaston
Address:	10901 Baldwin Road	Copy To:	Sam Davies-samantha.davies@vistracorp.com	Company Name:	Vistra Corp
	Baldwin, IL 62217		Kim Edmiaston-Kimberly.Edmiaston@vistracorp.com	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:	2285	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) Y/N	Analysis Test: BAL-257-601	BAL-257-605	BAL-845-601	BAL-845-605	BAL-WPCP-605	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	OW-156	WT					0														X		24011852-033
2	OW-157	WT					0														X		24011852-034
3	OW-256	WT					2	1		1							X		X				24011852-035
4	OW-257	WT					2	1		1							X		X				24011852-036
5	PZ-170	WT					2	1		1							X		X				24011852-037
6	PZ-182	WT					2	1		1							X		X				24011852-038
7	TPZ-164	WT					2	1		1							X		X				24011852-039
8	XPW01	WT		2-8-24	0906		2	1		1							X		X				24011852-040
9	XPW05	WT					2	1		1							X		X				24011852-041
10	XPW06	WT					2	1		1							X		X				24011852-042
11	Field Blank	WT		2-8-24	1036		4	2		2							X	X	X	X	X		24011852-043
12	MW-304 Duplicate	WT					4	2		2							X	X	X	X	X		24011852-044
13	Equipment Blank 1	WT		2-8-24	1042		4	2		2							X	X	X	X	X		24011852-045
14	Equipment Blank 2	WT					4	2		2							X	X	X	X	X		24011852-046
15	Equipment Blank 3	WT					4	2		2							X	X	X	X	X		24011852-047
16																							

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS	Y	N	
BAL-24Q1 Rev 0	J. Colp	2-8	1:55	Emily Sackett	2/8/24	1:55	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 Colp

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 2-8-24

24011852

CHAIN-OF-CUSTODY / Analytical Request Document

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

Section A Required Client Information:

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

Section B Required Project Information:

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

Section C Invoice Information:

Attention:	Kim Edmiaston
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-WPCP-605	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	MW-355	WT					4	2		2											X		24011852-017
2	MW-356	WT					2	1		1							X		X				24011852-018
3	MW-358	WT					2	1		1							X	X	X	X			24011852-019
4	MW-366	WT					2	1		1								X		X			24011852-020
5	MW-369	WT					2	1		1							X		X				24011852-021
6	MW-370	WT					2	1		1							X		X				24011852-022
7	MW-375	WT					2	1		1								X		X			24011852-023
8	MW-377	WT					2	1		1								X		X			24011852-024
9	MW-382	WT					2	1		1							X		X				24011852-025
10	MW-383	WT					2	1		1								X		X			24011852-026
11	MW-384	WT					2	1		1								X		X			24011852-027
12	MW-390	WT					2	1		1								X		X			24011852-028
13	MW-391	WT		2-9-24	0858		2	1		1								X		X			24011852-029
14	MW-392	WT					2	1		1							X		X				24011852-030
15	MW-393	WT					2	1		1							X		X				24011852-031
16	MW-394	WT					2	1		1							X		X				24011852-032

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS: temp in °C	received on ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
BAL-24Q1 Rev 0	J. Colp	2-9	1030	Emily Hackett	2/9/24	1030	5.7	Y	N	Y

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Justin Colp

SIGNATURE of SAMPLER: Justin Colp DATE Signed (MM/DD/YY): 2-9-24

UCL5

Confidential

Added HNO3 (9i4/24)
pH 9079 DM 2/9/24

Teklab, Inc.
Environmental Laboratory

http://www.teklabinc.com/

March 11, 2024

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

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

RE: BAL-24Q1 **WorkOrder:** 24011853

Dear Eric Bauer:

TEKLAB, INC received 34 samples on 2/9/2024 10:30:00 AM 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
Client Project: BAL-24Q1

Work Order: 24011853
Report Date: 11-Mar-24

This reporting package includes the following:

Cover Letter	1
Report Contents	2
Definitions	3
Case Narrative	5
Accreditations	6
Laboratory Results	7
Sample Summary	41
Receiving Check List	42
Chain of Custody	Appended

Definitions

Client: Ramboll **Work Order:** 24011853

Client Project: BAL-24Q1 **Report Date:** 11-Mar-24

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

Definitions

Client: Ramboll **Work Order:** 24011853

Client Project: BAL-24Q1 **Report Date:** 11-Mar-24

Qualifiers

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

Case Narrative

Client: Ramboll
Client Project: BAL-24Q1

Work Order: 24011853
Report Date: 11-Mar-24

Cooler Receipt Temp: 5.1 °C

An employee of Teklab, Inc. collected the sample(s). Equipment Blanks 2 and 3 were not required.

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:** 24011853

Client Project: BAL-24Q1 **Report Date:** 11-Mar-24

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

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24011853

Client Project: BAL-24Q1 **Report Date:** 11-Mar-24

Lab ID: 24011853-001 **Client Sample ID:** MW-150

Matrix: GROUNDWATER **Collection Date:** 02/07/2024 11:12

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	02/29/2024 12:13	R344196

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24011853

Client Project: BAL-24Q1 **Report Date:** 11-Mar-24

Lab ID: 24011853-002 **Client Sample ID:** MW-151

Matrix: GROUNDWATER **Collection Date:** 02/07/2024 11:26

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	02/29/2024 12:13	R344196

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24011853

Client Project: BAL-24Q1 **Report Date:** 11-Mar-24

Lab ID: 24011853-003 **Client Sample ID:** MW-152

Matrix: GROUNDWATER **Collection Date:** 02/07/2024 13:05

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	02/29/2024 12:13	R344196

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24011853

Client Project: BAL-24Q1 **Report Date:** 11-Mar-24

Lab ID: 24011853-004 **Client Sample ID:** MW-153

Matrix: GROUNDWATER **Collection Date:** 02/08/2024 9:48

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	02/29/2024 12:13	R344196

Laboratory Results

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

Client: Ramboll **Work Order:** 24011853

Client Project: BAL-24Q1 **Report Date:** 11-Mar-24

Lab ID: 24011853-005 **Client Sample ID:** MW-192

Matrix: GROUNDWATER **Collection Date:** 02/06/2024 10:18

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	02/29/2024 12:14	R344196

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24011853

Client Project: BAL-24Q1 **Report Date:** 11-Mar-24

Lab ID: 24011853-006 **Client Sample ID:** MW-193

Matrix: GROUNDWATER **Collection Date:** 02/06/2024 12:28

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	02/29/2024 12:14	R344196

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24011853

Client Project: BAL-24Q1 **Report Date:** 11-Mar-24

Lab ID: 24011853-007 **Client Sample ID:** MW-252

Matrix: GROUNDWATER **Collection Date:** 02/07/2024 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	02/29/2024 12:14	R344196

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24011853

Client Project: BAL-24Q1 **Report Date:** 11-Mar-24

Lab ID: 24011853-008 **Client Sample ID:** MW-253

Matrix: GROUNDWATER **Collection Date:** 02/08/2024 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	02/29/2024 12:14	R344196

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24011853

Client Project: BAL-24Q1 **Report Date:** 11-Mar-24

Lab ID: 24011853-009 **Client Sample ID:** MW-304

Matrix: GROUNDWATER **Collection Date:** 02/05/2024 12:54

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	02/29/2024 12:14	R344196

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24011853

Client Project: BAL-24Q1 **Report Date:** 11-Mar-24

Lab ID: 24011853-010 **Client Sample ID:** MW-306

Matrix: GROUNDWATER **Collection Date:** 02/07/2024 9:29

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	02/29/2024 12:14	R344196

Laboratory Results

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

Client: Ramboll **Work Order:** 24011853

Client Project: BAL-24Q1 **Report Date:** 11-Mar-24

Lab ID: 24011853-011 **Client Sample ID:** MW-350

Matrix: GROUNDWATER **Collection Date:** 02/07/2024 11:56

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	02/29/2024 12:14	R344196

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24011853

Client Project: BAL-24Q1 **Report Date:** 11-Mar-24

Lab ID: 24011853-012 **Client Sample ID:** MW-352

Matrix: GROUNDWATER **Collection Date:** 02/07/2024 11:46

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	02/29/2024 12:14	R344196

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24011853

Client Project: BAL-24Q1 **Report Date:** 11-Mar-24

Lab ID: 24011853-013 **Client Sample ID:** MW-356

Matrix: GROUNDWATER **Collection Date:** 02/07/2024 9:32

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	02/29/2024 12:12	R344196

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24011853

Client Project: BAL-24Q1 **Report Date:** 11-Mar-24

Lab ID: 24011853-014 **Client Sample ID:** MW-358

Matrix: GROUNDWATER **Collection Date:** 02/06/2024 15:22

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	02/29/2024 12:12	R344196

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24011853

Client Project: BAL-24Q1 **Report Date:** 11-Mar-24

Lab ID: 24011853-015 **Client Sample ID:** MW-366

Matrix: GROUNDWATER **Collection Date:** 02/07/2024 10:23

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	02/29/2024 12:12	R344196

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24011853

Client Project: BAL-24Q1 **Report Date:** 11-Mar-24

Lab ID: 24011853-016 **Client Sample ID:** MW-369

Matrix: GROUNDWATER **Collection Date:** 02/06/2024 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	02/29/2024 12:12	R344196

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24011853

Client Project: BAL-24Q1 **Report Date:** 11-Mar-24

Lab ID: 24011853-017 **Client Sample ID:** MW-370

Matrix: GROUNDWATER **Collection Date:** 02/06/2024 9:41

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	02/29/2024 12:12	R344196

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24011853

Client Project: BAL-24Q1 **Report Date:** 11-Mar-24

Lab ID: 24011853-018 **Client Sample ID:** MW-375

Matrix: GROUNDWATER **Collection Date:** 02/07/2024 13:24

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	02/29/2024 12:12	R344196

Laboratory Results

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

Client: Ramboll **Work Order:** 24011853

Client Project: BAL-24Q1 **Report Date:** 11-Mar-24

Lab ID: 24011853-019 **Client Sample ID:** MW-377

Matrix: GROUNDWATER **Collection Date:** 02/07/2024 13:33

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	02/29/2024 12:11	R344196

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24011853

Client Project: BAL-24Q1 **Report Date:** 11-Mar-24

Lab ID: 24011853-020 **Client Sample ID:** MW-382

Matrix: GROUNDWATER **Collection Date:** 02/06/2024 12:08

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	02/29/2024 12:11	R344196

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24011853

Client Project: BAL-24Q1 **Report Date:** 11-Mar-24

Lab ID: 24011853-021 **Client Sample ID:** MW-383

Matrix: GROUNDWATER **Collection Date:** 02/06/2024 14:14

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	02/29/2024 12:19	R344196

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24011853

Client Project: BAL-24Q1 **Report Date:** 11-Mar-24

Lab ID: 24011853-022 **Client Sample ID:** MW-384

Matrix: GROUNDWATER **Collection Date:** 02/06/2024 13:31

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	02/29/2024 12:19	R344196

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24011853

Client Project: BAL-24Q1 **Report Date:** 11-Mar-24

Lab ID: 24011853-023 **Client Sample ID:** MW-390

Matrix: GROUNDWATER **Collection Date:** 02/06/2024 12:58

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	02/29/2024 12:22	R344196

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24011853

Client Project: BAL-24Q1 **Report Date:** 11-Mar-24

Lab ID: 24011853-024 **Client Sample ID:** MW-391

Matrix: GROUNDWATER **Collection Date:** 02/09/2024 8:58

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	02/29/2024 12:22	R344196

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24011853

Client Project: BAL-24Q1 **Report Date:** 11-Mar-24

Lab ID: 24011853-025 **Client Sample ID:** MW-392

Matrix: GROUNDWATER **Collection Date:** 02/06/2024 11:20

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	02/29/2024 12:22	R344196

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24011853

Client Project: BAL-24Q1 **Report Date:** 11-Mar-24

Lab ID: 24011853-026 **Client Sample ID:** MW-393

Matrix: GROUNDWATER **Collection Date:** 02/06/2024 13:15

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	02/29/2024 12:22	R344196

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24011853

Client Project: BAL-24Q1 **Report Date:** 11-Mar-24

Lab ID: 24011853-027 **Client Sample ID:** MW-394

Matrix: GROUNDWATER **Collection Date:** 02/06/2024 14:16

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	02/29/2024 12:22	R344196

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24011853

Client Project: BAL-24Q1 **Report Date:** 11-Mar-24

Lab ID: 24011853-028 **Client Sample ID:** OW-256

Matrix: GROUNDWATER **Collection Date:** 02/07/2024 10:06

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	02/29/2024 12:23	R344196

Laboratory Results

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

Client: Ramboll **Work Order:** 24011853

Client Project: BAL-24Q1 **Report Date:** 11-Mar-24

Lab ID: 24011853-029 **Client Sample ID:** OW-257

Matrix: GROUNDWATER **Collection Date:** 02/06/2024 10:14

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	02/29/2024 12:23	R344196

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24011853

Client Project: BAL-24Q1 **Report Date:** 11-Mar-24

Lab ID: 24011853-030 **Client Sample ID:** PZ-170

Matrix: GROUNDWATER **Collection Date:** 02/06/2024 9:24

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	02/29/2024 12:36	R344196

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24011853

Client Project: BAL-24Q1 **Report Date:** 11-Mar-24

Lab ID: 24011853-031 **Client Sample ID:** PZ-182

Matrix: GROUNDWATER **Collection Date:** 02/06/2024 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	02/29/2024 12:35	R344196

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24011853

Client Project: BAL-24Q1 **Report Date:** 11-Mar-24

Lab ID: 24011853-032 **Client Sample ID:** Field Blank

Matrix: AQUEOUS **Collection Date:** 02/08/2024 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	02/29/2024 12:35	R344196

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24011853

Client Project: BAL-24Q1 **Report Date:** 11-Mar-24

Lab ID: 24011853-033 **Client Sample ID:** MW-304 Duplicate

Matrix: GROUNDWATER **Collection Date:** 02/05/2024 12:54

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	02/29/2024 12:35	R344196

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24011853

Client Project: BAL-24Q1 **Report Date:** 11-Mar-24

Lab ID: 24011853-034 **Client Sample ID:** Equipment Blank 1

Matrix: AQUEOUS **Collection Date:** 02/08/2024 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	02/29/2024 12:35	R344196

Teklab, Inc. Environmental Laboratory

Sample Summary

Client: Ramboll
Client Project: BAL-24Q1

Work Order: 24011853
Report Date: 11-Mar-24

Lab Sample ID	Client Sample ID	Matrix	Fractions	Collection Date
24011853-001	MW-150	Groundwater	1	02/07/2024 11:12
24011853-002	MW-151	Groundwater	1	02/07/2024 11:26
24011853-003	MW-152	Groundwater	1	02/07/2024 13:05
24011853-004	MW-153	Groundwater	1	02/08/2024 9:48
24011853-005	MW-192	Groundwater	1	02/06/2024 10:18
24011853-006	MW-193	Groundwater	1	02/06/2024 12:28
24011853-007	MW-252	Groundwater	1	02/07/2024 12:02
24011853-008	MW-253	Groundwater	1	02/08/2024 10:36
24011853-009	MW-304	Groundwater	1	02/05/2024 12:54
24011853-010	MW-306	Groundwater	1	02/07/2024 9:29
24011853-011	MW-350	Groundwater	1	02/07/2024 11:56
24011853-012	MW-352	Groundwater	1	02/07/2024 11:46
24011853-013	MW-356	Groundwater	1	02/07/2024 9:32
24011853-014	MW-358	Groundwater	1	02/06/2024 15:22
24011853-015	MW-366	Groundwater	1	02/07/2024 10:23
24011853-016	MW-369	Groundwater	1	02/06/2024 10:52
24011853-017	MW-370	Groundwater	1	02/06/2024 9:41
24011853-018	MW-375	Groundwater	1	02/07/2024 13:24
24011853-019	MW-377	Groundwater	1	02/07/2024 13:33
24011853-020	MW-382	Groundwater	1	02/06/2024 12:08
24011853-021	MW-383	Groundwater	1	02/06/2024 14:14
24011853-022	MW-384	Groundwater	1	02/06/2024 13:31
24011853-023	MW-390	Groundwater	1	02/06/2024 12:58
24011853-024	MW-391	Groundwater	1	02/09/2024 8:58
24011853-025	MW-392	Groundwater	1	02/06/2024 11:20
24011853-026	MW-393	Groundwater	1	02/06/2024 13:15
24011853-027	MW-394	Groundwater	1	02/06/2024 14:16
24011853-028	OW-256	Groundwater	1	02/07/2024 10:06
24011853-029	OW-257	Groundwater	1	02/06/2024 10:14
24011853-030	PZ-170	Groundwater	1	02/06/2024 9:24
24011853-031	PZ-182	Groundwater	1	02/06/2024 12:37
24011853-032	Field Blank	Aqueous	1	02/08/2024 10:36
24011853-033	MW-304 Duplicate	Groundwater	1	02/05/2024 12:54
24011853-034	Equipment Blank 1	Aqueous	1	02/08/2024 10:42

Teklab, Inc. Environmental Laboratory

Receiving Check List

http://www.teklabinc.com/

Client: Ramboll
Client Project: BAL-24Q1

Work Order: 24011853
Report Date: 11-Mar-24

Carrier: Tracy Carroll

Received By: LEH

Completed by: Amber Dilallo
On: 06-Feb-24

Reviewed by: Ellie Hopkins
On: 13-Feb-24

Pages to follow: Chain of custody 11 Extra pages included 37

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐	Temp °C 5.1
Type of thermal preservation?	None ☐	Ice ☑	Blue Ice ☐	Dry Ice ☐
Chain of custody present?	Yes ☑	No ☐		
Chain of custody signed when relinquished and received?	Yes ☑	No ☐		
Chain of custody agrees with sample labels?	Yes ☑	No ☐		
Samples in proper container/bottle?	Yes ☑	No ☐		
Sample containers intact?	Yes ☑	No ☐		
Sufficient sample volume for indicated test?	Yes ☑	No ☐		
All samples received within holding time?	Yes ☑	No ☐		
Reported field parameters measured:	Field ☐	Lab ☐	NA ☑	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐		
When thermal preservation is required, samples are compliant with a temperature between 0.1°C - 6.0°C, or when samples are received on ice the same day as collected.				
Water – at least one vial per sample has zero headspace?	Yes ☐	No ☐	No VOA vials ☑	
Water - TOX containers have zero headspace?	Yes ☐	No ☐	No TOX containers ☑	
Water - pH acceptable upon receipt?	Yes ☐	No ☑	NA ☐	
NPDES/CWA TCN interferences checked/treated in the field?	Yes ☐	No ☐	NA ☑	

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

Additional Nitric Acid (94914) was needed in MW-304 and MW-304 Duplicate upon arrival at the laboratory. pH strip #90719. - amberdilallo - 2/6/2024 8:27:03 AM

Samples received 2/6/24 at 1706 (13.1cC on ice LTG5. Additional Nitric Acid (94914) was needed in MW-154, MW-192, MW-193, MW-358, MW-369, MW-370, MW-382, MW-383, MW-384, MW-390, MW-392, MW-393, MW-394, OW-257, PZ-170 and PZ-182 upon arrival at the laboratory. pH strip #90719. - amberdilallo - 2/7/2024 9:23:11 AM

pH strip #90719. - lmaddox - 2/8/2024 4:17:53 PM

Additional Nitric Acid (94914) was needed in MW-252, MW-356, and MW-375 upon arrival at the laboratory. - lmaddox - 2/8/2024 4:18:07 PM

Samples received 2/7/24 at 1625 (13.5C on ice LTG#5). EAH 2/13/24

Samples received 2/8/24 at1355 (11.1C on ice LTG5. pH strip #90719. - amberdilallo - 2/9/2024 9:46:03 AM

Samples received 2/9/24 at 1030 (5.7C on ice LTG5). Additional Nitric Acid (94914) was needed in MW-391 upon arrival at the laboratory. pH strip #90719. - amberdilallo - 2/9/2024 9:18:02 AM

CHAIN-OF-CUSTODY / Analytical Request Document

24011853

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

Page: 1 of 3

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company:	Vistra Corp-Baldwin	Report To:	Brian Voelker	Attention:	Kim Edmiaston
Address:	10901 Baldwin Road	Copy To:	Sam Davies-samantha.davies@vistracorp.com	Company Name:	Vistra Corp
	Baldwin, IL 62217		Kim Edmiaston-Kimberly.Edmiaston@vistracorp.com	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:	2285	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) Y/N	Analysis Test: BAL-257-601	BAL-257-605	BAL-845-601	BAL-845-605	BAL-WPCP-605	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	MW-104DR	WT		2/5/24	1447																X		N/A
2	MW-104SR	WT		2/5/24	1527																X		N/A
3	MW-150	WT					2			2								X		X	X		24011853-001
4	MW-151	WT					2			2								X		X	X		24011853-002
5	MW-152	WT					2			2								X		X	X		24011853-003
6	MW-153	WT					2			2								X		X	X		24011853-004
7	MW-154	WT																			X		N/A
8	MW-155	WT																			X		N/A
9	MW-192	WT					2			2							X		X				24011853-005
10	MW-193	WT					2			2							X		X				24011853-006
11	MW-252	WT					2			2								X		X	X		24011853-007
12	MW-253	WT					2			2								X		X	X		24011853-008
13	MW-304	WT		2/5/24	1254		2			2							X	X	X	X	X		24011853-009
14	MW-306	WT					2			2							X	X	X	X	X		24011853-010
15	MW-350	WT					2			2								X		X	X		24011853-011
16	MW-352	WT					2			2								X		X	X		24011853-012

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
BAL-24Q1 Rev 0	Tracy Carrell	2/5/24	4:42	Sam Davies	2/5/24	1640:42
Ra226/228, only.						

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

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Tracy Carrell

SIGNATURE of SAMPLER: Tracy Carrell DATE Signed (MM/DD/YY): 2/5/24

PW added HNO3(94914) to MW304 and MW304DUP 2/6/24

LTG

CH 2/6/24

24011853

CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: 3 of 3

Section A Required Client Information:	Section B Required Project Information:	Section C Invoice Information:
Company: Vistra Corp-Baldwin	Report To: Brian Voelker	Attention: Kim Edmiaston
Address: 10901 Baldwin Road	Copy To: Sam Davies-samantha.davies@vistracorp.com	Company Name: Vistra Corp
Baldwin, IL 62217	Kim Edmiaston-Kimberly.Edmiaston@vistracorp.com	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: 2285	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-WPCP-605	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	OW-156	WT																			X		N/A
2	OW-157	WT																			X		N/A
3	OW-256	WT					2			2							X		X				24011853-028
4	OW-257	WT					2			2							X		X				24011853-029
5	PZ-170	WT					2			2							X		X				24011853-030
6	PZ-182	WT					2			2							X		X				24011853-031
7	TPZ-164	WT															X		X				N/A
8	XPW01	WT															X		X				N/A
9	XPW05	WT															X		X				N/A
10	XPW06	WT															X		X				N/A
11	Field Blank	WT					2			2							X	X	X	X	X		24011853-032
12	MW-304 Duplicate	WT		2/4/24	12:54		2			2							X	X	X	X	X		24011853-033
13	Equipment Blank 1	WT					2			2							X	X	X	X	X		24011853-034
14	Equipment Blank 2	WT					2			2							X	X	X	X	X		24011853-035
15	Equipment Blank 3	WT					2			2							X	X	X	X	X		24011853-036
16																							

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
BAL-24Q1 Rev 0	Tracy Conrad	2/5/24	4:42	Tam Edmiaston	2/5/24	1642		Y	N	
Ra226/228, only.							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 Conrad
SIGNATURE of SAMPLER: Tracy Conrad DATE Signed (MM/DD/YY): 2/5/24

CHAIN-OF-CUSTODY / Analytical Request Document

24011853

-605

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

Page: 1 of 3

Section A Required Client Information:	Section B Required Project Information:	Section C Invoice Information:
Company: Vistra Corp-Baldwin	Report To: Brian Voelker	Attention: Kim Edmiaston
Address: 10901 Baldwin Road	Copy To: Sam Davies-samantha.davies@vistracorp.com	Company Name: Vistra Corp
Baldwin, IL 62217	Kim Edmiaston-Kimberly.Edmiaston@vistracorp.com	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: 2285	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	Y/N	Analysis Test: BAL-257-601	BAL-257-605	BAL-845-601	BAL-845-605	BAL-WPCP-605	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	MW-104DR	WT																			X		N/A
2	MW-104SR	WT																			X		N/A
3	MW-150	WT					2			2								X		X	X		24011853-001
4	MW-151	WT					2			2								X		X	X		24011853-002
5	MW-152	WT					2			2								X		X	X		24011853-003
6	MW-153	WT					2			2								X		X	X		24011853-004
7	MW-154	WT		2-6-24	DKY																X		N/A
8	MW-155	WT																			X		N/A
9	MW-192	WT		2-6-24	1018		2			2							X		X				24011853-005
10	MW-193	WT		2-6-24	1228		2			2							X		X				24011853-006
11	MW-252	WT					2			2								X		X	X		24011853-007
12	MW-253	WT					2			2								X		X	X		24011853-008
13	MW-304	WT					2			2							X	X	X	X	X		24011853-009
14	MW-306	WT					2			2							X	X	X	X	X		24011853-010
15	MW-350	WT					2			2								X		X	X		24011853-011
16	MW-352	WT					2			2								X		X	X		24011853-012

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
BAL-24Q1 Rev 0	J. Cole	2-6	1706	Laura Henson	2/6	1706	13.1	Y	N	
Ra226/228, only.										

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): 2-6-24				

PH 190719

Added HNO_3 (94914) to all samples

LTG 5

LH 2/7/24

Confidential

24011853 BAL-257605

CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: 2 of 3

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company:	Vistra Corp-Baldwin	Report To:	Brian Voelker	Attention:	Kim Edmiaston
Address:	10901 Baldwin Road	Copy To:	Sam Davies-samantha.davies@vistracorp.com	Company Name:	Vistra Corp
	Baldwin, IL 62217		Kim Edmiaston-Kimberly.Edmiaston@vistracorp.com	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:	2285	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-WPCP-605	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	MW-355	WT																			X		N/A
2	MW-356	WT					2			2							X		X				24011853-013
3	MW-358	WT		2-6-24	1522		2			2							X	X	X	X			24011853-014
4	MW-366	WT					2			2								X		X			24011853-015
5	MW-369	WT		2-6-24	1052		2			2							X		X				24011853-016
6	MW-370	WT		2-6-24	0941		2			2							X		X				24011853-017
7	MW-375	WT					2			2								X		X			24011853-018
8	MW-377	WT					2			2								X		X			24011853-019
9	MW-382	WT		2-6-24	1208		2			2							X		X				24011853-020
10	MW-383	WT		2-6-24	1414		2			2								X		X			24011853-021
11	MW-384	WT		2-6-24	1331		2			2								X		X			24011853-022
12	MW-390	WT		2-6-24	1258		2			2								X		X			24011853-023
13	MW-391	WT		2-6-24	DRY		2			2								X		X			24011853-024
14	MW-392	WT		2-6-24	1120		2			2							X		X				24011853-025
15	MW-393	WT		2-6-24	1315		2			2							X		X				24011853-026
16	MW-394	WT		2-6-24	1416		2			2							X		X				24011853-027

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
BAL-24Q1 Rev 0	J. Colp	2-6	1706	[signature]	2/6	1706	13.1 > N
Ra226/228, only.							

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:	[signature]	DATE Signed (MM/DD/YY): 2-6-24				

LTGS

24011853

CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: 3 of 3

Section A Required Client Information:	Section B Required Project Information:	Section C Invoice Information:
Company: Vistra Corp-Baldwin	Report To: Brian Voelker	Attention: Kim Edmiaston
Address: 10901 Baldwin Road	Copy To: Sam Davies-samantha.davies@vistracorp.com	Company Name: Vistra Corp
Baldwin, IL 62217	Kim Edmiaston-Kimberly.Edmiaston@vistracorp.com	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: 2285	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-WPCP-605	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	OW-156	WT																			X		N/A
2	OW-157	WT																			X		N/A
3	OW-256	WT					2			2							X		X				24011853-028
4	OW-257	WT		2-6-24	1014		2			2							X		X				24011853-029
5	PZ-170	WT		2-6-24	0924		2			2							X		X				24011853-030
6	PZ-182	WT		2-6-24	1237		2			2							X		X				24011853-031
7	TPZ-164	WT															X		X				N/A
8	XPW01	WT															X		X				N/A
9	XPW05	WT															X		X				N/A
10	XPW06	WT		2-6-24	1123												X		X				N/A
11	Field Blank	WT					2			2							X	X	X	X	X		24011853-032
12	MW-304 Duplicate	WT					2			2							X	X	X	X	X		24011853-033
13	Equipment Blank 1	WT					2			2							X	X	X	X	X		24011853-034
14	Equipment Blank 2	WT					2			2							X	X	X	X	X		24011853-035
15	Equipment Blank 3	WT					2			2							X	X	X	X	X		24011853-036
16																							

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS: Temp in °C	Received on Ice (Y/N)	Custody Seal Cooler (Y/N)	Samples Intact (Y/N)
BAL-24Q1 Rev 0	J. Colp	2-6	1706		2/6	1706	13.1	Y	N	
Ra226/228, only.										

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Justin Colp

SIGNATURE of SAMPLER: DATE Signed (MM/DD/YY): 2-6-24

LTG 5

CHAIN-OF-CUSTODY / Analytical Request Document

24011853

BAL-257-605

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

Page: 1 of 3

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company:	Vistra Corp-Baldwin	Report To:	Brian Voelker	Attention:	Kim Edmiaston
Address:	10901 Baldwin Road	Copy To:	Sam Davies-samantha.davies@vistracorp.com	Company Name:	Vistra Corp
	Baldwin, IL 62217		Kim Edmiaston-Kimberly.Edmiaston@vistracorp.com	Address:	see Section A
Email To:	Brian.Voelker@VistraCorp.com	Purchase Order No.:		Quote Reference:	
Phone:	(217) 753-6911 Fax:	Project Name:		Project Manager:	
Requested Due Date/TAT:	10 day	Project Number:	2285	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-WPCP-605	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	MW-104DR	WT																			X		N/A
2	MW-104SR	WT																			X		N/A
3	MW-150	WT		7-7-24	1112		2			2								X		X	X		24011853-001
4	MW-151	WT		7-7-24	1126		2			2								X		X	X		24011853-002
5	MW-152	WT		7-7-24	1305		2			2								X		X	X		24011853-003
6	MW-153	WT					2			2								X		X	X		24011853-004
7	MW-154	WT																			X		N/A
8	MW-155	WT																			X		N/A
9	MW-192	WT					2			2							X		X				24011853-005
10	MW-193	WT					2			2							X		X				24011853-006
11	MW-252 *	WT		7-7-24	1202		2			2								X		X	X		24011853-007
12	MW-253	WT					2			2								X		X	X		24011853-008
13	MW-304	WT					2			2							X	X	X	X	X		24011853-009
14	MW-306	WT		7-7-24	0929		2			2							X	X	X	X	X		24011853-010
15	MW-350	WT		7-7-24	1156		2			2								X		X	X		24011853-011
16	MW-352	WT		7-7-24	1146		2			2								X		X	X		24011853-012

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
BAL-24Q1 Rev 0	J. Culp	7-7	1625		7/7/24	1625	
Ra226/228, only.							13.5

PH: 9.0719 um 2/8
* Added HNO_3 (9491-4) um 2/8

SAMPLER NAME AND SIGNATURE			
PRINT Name of SAMPLER:	Justin Culp		
SIGNATURE of SAMPLER:		DATE Signed (MM/DD/YY):	7-7-24

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

LT65

24011853

CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: 2 of 3

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company:	Vistra Corp-Baldwin	Report To:	Brian Voelker	Attention:	Kim Edmiaston
Address:	10901 Baldwin Road	Copy To:	Sam Davies-samantha.davies@vistracorp.com	Company Name:	Vistra Corp
	Baldwin, IL 62217		Kim Edmiaston-Kimberly.Edmiaston@vistracorp.com	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:	2285	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-WPCP-605	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	MW-355	WT					2			2										X		N/A
2	MW-356 *	WT		2-7-24	0932		2			2							X		X				24011853-013
3	MW-358	WT					2			2							X	X	X	X			24011853-014
4	MW-366	WT		2-7-24	1023		2			2								X		X			24011853-015
5	MW-369	WT					2			2							X		X				24011853-016
6	MW-370	WT					2			2							X		X				24011853-017
7	MW-375 *	WT		2-7-24	1324		2			2								X		X			24011853-018
8	MW-377	WT		2-7-24	1333		2			2								X		X			24011853-019
9	MW-382	WT					2			2							X		X				24011853-020
10	MW-383	WT					2			2								X		X			24011853-021
11	MW-384	WT					2			2								X		X			24011853-022
12	MW-390	WT					2			2								X		X			24011853-023
13	MW-391	WT					2			2								X		X			24011853-024
14	MW-392	WT					2			2							X		X				24011853-025
15	MW-393	WT					2			2							X		X				24011853-026
16	MW-394	WT					2			2							X		X				24011853-027

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
BAL-24Q1 Rev 0	J. Colp	2-7	1625		2/7/24	1625	
Ra226/228, only.							13.5

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Justin Colp

SIGNATURE of SAMPLER: DATE Signed (MM/DD/YY): 2-7-24

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

LTG5

24011853

CHAIN-OF-CUSTODY / Analytical Request Document

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Page: 3 of 3

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company:	Vistra Corp-Baldwin	Report To:	Brian Voelker	Attention:	Kim Edmiaston
Address:	10901 Baldwin Road	Copy To:	Sam Davies-samantha.davies@vistracorp.com	Company Name:	Vistra Corp
	Baldwin, IL 62217		Kim Edmiaston-Kimberly.Edmiaston@vistracorp.com	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:	2285	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

ITEM #	SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	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) Y/N	Analysis Test: BAL-257-601	BAL-257-605	BAL-845-601	BAL-845-605	BAL-WPCP-605	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	OW-156	WT		7-7-24	1020																X		N/A
2	OW-157	WT		7-7-24	1035																X		N/A
3	OW-256	WT		7-7-24	1006		2			2							X		X				24011853-028
4	OW-257	WT					2			2							X		X				24011853-029
5	PZ-170	WT					2			2							X		X				24011853-030
6	PZ-182	WT					2			2							X		X				24011853-031
7	TPZ-164	WT															X		X				N/A
8	XPW01	WT															X		X				N/A
9	XPW05	WT															X		X				N/A
10	XPW06	WT															X		X				N/A
11	Field Blank	WT					2			2							X	X	X	X	X		24011853-032
12	MW-304 Duplicate	WT					2			2							X	X	X	X	X		24011853-033
13	Equipment Blank 1	WT					2			2							X	X	X	X	X		24011853-034
14	Equipment Blank 2	WT					2			2							X	X	X	X	X		24011853-035
15	Equipment Blank 3	WT					2			2							X	X	X	X	X		24011853-036
16																							

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
BAL-24Q1 Rev 0	J. Cole	7-7	1625		7/7/24	1625	
Ra226/228, only.							135

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Justin Cole

SIGNATURE of SAMPLER: DATE Signed (MM/DD/YY): 7-7-2024

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

UG 5

CHAIN-OF-CUSTODY / Analytical Request Document

24011853

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

Page: 1 of 3

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company:	Vistra Corp-Baldwin	Report To:	Brian Voelker	Attention:	Kim Edmiaston
Address:	10901 Baldwin Road	Copy To:	Sam Davies-samantha.davies@vistracorp.com	Company Name:	Vistra Corp
	Baldwin, IL 62217		Kim Edmiaston-Kimberly.Edmiaston@vistracorp.com	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:	2285	Profile #:	

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

Requested Analysis Filtered (Y/N)

ITEM #	Section D Required Client Information: SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE	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-WPCP-605	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	MW-104DR	WT																			X		N/A
2	MW-104SR	WT																			X		N/A
3	MW-150	WT					2			2								X		X	X		24011853-001
4	MW-151	WT					2			2								X		X	X		24011853-002
5	MW-152	WT					2			2								X		X	X		24011853-003
6	MW-153	WT		2-8-24	0948		2			2								X		X	X		24011853-004
7	MW-154	WT																			X		N/A
8	MW-155	WT																			X		N/A
9	MW-192	WT					2			2							X		X				24011853-005
10	MW-193	WT					2			2							X		X				24011853-006
11	MW-252	WT					2			2								X		X	X		24011853-007
12	MW-253	WT		2-8-24	1036		2			2								X		X	X		24011853-008
13	MW-304	WT					2			2							X	X	X	X	X		24011853-009
14	MW-306	WT					2			2							X	X	X	X	X		24011853-010
15	MW-350	WT					2			2								X		X	X		24011853-011
16	MW-352	WT					2			2								X		X	X		24011853-012

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
BAL-24Q1 Rev 0	J. Colp	2-8	1555	Emily Sackett	2/8/24	1:55	#5	(Y)	N	
Ra226/228, only.							11.1			

PH: 90719 ES 218

SAMPLER NAME AND SIGNATURE			Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER:	Justin Colp					
SIGNATURE of SAMPLER:		DATE Signed (MM/DD/YY): 2-8-24				

24011853

CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: 3 of 3

Section A Required Client Information:	Section B Required Project Information:	Section C Invoice Information:
Company: Vistra Corp-Baldwin	Report To: Brian Voelker	Attention: Kim Edmiaston
Address: 10901 Baldwin Road	Copy To: Sam Davies-samantha.davies@vistracorp.com	Company Name: Vistra Corp
Baldwin, IL 62217	Kim Edmiaston-Kimberly.Edmiaston@vistracorp.com	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: 2285	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-WPCP-605	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	OW-156	WT																			X		N/A
2	OW-157	WT																			X		N/A
3	OW-256	WT					2			2							X		X				24011853-028
4	OW-257	WT					2			2							X		X				24011853-029
5	PZ-170	WT					2			2							X		X				24011853-030
6	PZ-182	WT					2			2							X		X				24011853-031
7	TPZ-164	WT															X		X				N/A
8	XPW01	WT		7-8-24	0906												X		X				N/A
9	XPW05	WT															X		X				N/A
10	XPW06	WT															X		X				N/A
11	Field Blank	WT		7-8-24	1036		2			2							X	X	X	X	X		24011853-032
12	MW-304 Duplicate	WT					2			2							X	X	X	X	X		24011853-033
13	Equipment Blank 1	WT		7-8-24	1042		2			2							X	X	X	X	X		24011853-034
14	Equipment Blank 2	WT					2			2							X	X	X	X	X		24011853-035
15	Equipment Blank 3	WT					2			2							X	X	X	X	X		24011853-036
16																							

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
BAL-24Q1 Rev 0	J. Colp	7-8	1355	Emily Sackett	2/8/24	1.55	
Ra226/228, only.							

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Justin Colp

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 7-8-24

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

24011853

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:	Kim Edmiaston
Address:	10901 Baldwin Road	Copy To:	Sam Davies-samantha.davies@vistracorp.com	Company Name:	Vistra Corp
	Baldwin, IL 62217		Kim Edmiaston-Kimberly.Edmiaston@vistracorp.com	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:	2285	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-WPCP-605	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	MW-355	WT																		X			N/A
2	MW-356	WT					2			2							X		X				24011853-013
3	MW-358	WT					2			2							X	X	X	X			24011853-014
4	MW-366	WT					2			2								X		X			24011853-015
5	MW-369	WT					2			2							X		X				24011853-016
6	MW-370	WT					2			2							X		X				24011853-017
7	MW-375	WT					2			2								X		X			24011853-018
8	MW-377	WT					2			2								X		X			24011853-019
9	MW-382	WT					2			2							X		X				24011853-020
10	MW-383	WT					2			2								X		X			24011853-021
11	MW-384	WT					2			2								X		X			24011853-022
12	MW-390	WT					2			2								X		X			24011853-023
13	MW-391	WT		2-9-24	0858		2			2								X		X			24011853-024
14	MW-392	WT					2			2							X		X				24011853-025
15	MW-393	WT					2			2							X		X				24011853-026
16	MW-394	WT					2			2							X		X				24011853-027

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
BAL-24Q1 Rev 0	J. Colp	2-9	1030	Emily Sackett	2/9/24	1030	5.7	Y	N	Y
Ra226/228, only.							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 Colp

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 2-9-24

LTCS

Added 1+1 HNO_3 (9491A) to bottle 2 of 2. pH ✓ 90719 Dm 2/9/24

Confidential

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

Generated 3/11/2024 2:58:23 PM

JOB DESCRIPTION

Radium-226 and Radium-228
24011853

JOB NUMBER

160-53128-1

Eurofins St. Louis
13715 Rider Trail North
Earth City MO 63045

See page two for job notes and contact information.

my EOL

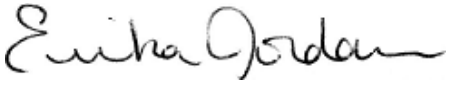
Eurofins St. Louis

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



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

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Case Narrative

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

Page 4 of 37

Job ID: 160-53128-1 — Eurofins St. Louis

CASE NARRATIVE

Client: TekLab, Inc

Project: 24011853

Report Number: 160-53128-1

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

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

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

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

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

Any minimum detectable concentration (MDC), critical value (DLC), or Safe Drinking Water Act detection limit (SDWA DL) is sample-specific unless otherwise stated elsewhere in this narrative.

Radiochemistry sample results are reported with the count date/time applied as the Activity Reference Date.

The matrix for the Method Blank and LCS/LCSD is as close to the samples as can be reasonably achieved. Detailed information can be found in the most current revision of the associated SOP.

The method blank (MB) z-score is within limits, unless stated otherwise below.

Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.

Reference the chain of custody and receipt report for any variations on receipt conditions.

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

Receipt
The samples were received on 2/13/2024 1:18 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved. The temperatures of the 3 coolers at receipt time were 16.6°C, 16.9°C and 17.3°C.

Method 903.0 - Radium-226 (GFPC)
Samples 24011853-001 (160-53128-1), 24011853-002 (160-53128-2), 24011853-003 (160-53128-3), 24011853-004 (160-53128-4), 24011853-005 (160-53128-5), 24011853-006 (160-53128-6), 24011853-007 (160-53128-7), 24011853-008 (160-53128-8), 24011853-009 (160-53128-9), 24011853-010 (160-53128-10), 24011853-011 (160-53128-11), 24011853-012 (160-53128-12), 24011853-013 (160-53128-13), 24011853-014 (160-53128-14), 24011853-015 (160-53128-15), 24011853-016 (160-53128-16), 24011853-017 (160-53128-17), 24011853-018 (160-53128-18), 24011853-019 (160-53128-19), 24011853-020 (160-53128-20), 24011853-021 (160-53128-21), 24011853-022 (160-53128-22), 24011853-023 (160-53128-23), 24011853-024 (160-53128-24), 24011853-025 (160-53128-25), 24011853-026 (160-53128-26), 24011853-027 (160-53128-27), 24011853-028 (160-53128-28), 24011853-029 (160-53128-29), 24011853-030 (160-53128-30), 24011853-031 (160-53128-31), 24011853-032 (160-53128-32), 24011853-033 (160-53128-33) and 24011853-034 (160-53128-34) were analyzed for Radium-226 (GFPC). The samples were prepared on 2/15/2024 and analyzed on 3/8/2024.

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

Case Narrative

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

Job ID: 160-53128-1
Batch 257605

Job ID: 160-53128-1 (Continued) — Eurofins St. Louis

Method 904.0 - Radium-228 (GFPC)
Samples 24011853-001 (160-53128-1), 24011853-002 (160-53128-2), 24011853-003 (160-53128-3), 24011853-004 (160-53128-4), 24011853-005 (160-53128-5), 24011853-006 (160-53128-6), 24011853-007 (160-53128-7), 24011853-008 (160-53128-8), 24011853-009 (160-53128-9), 24011853-010 (160-53128-10), 24011853-011 (160-53128-11), 24011853-012 (160-53128-12), 24011853-013 (160-53128-13), 24011853-014 (160-53128-14), 24011853-015 (160-53128-15), 24011853-016 (160-53128-16), 24011853-017 (160-53128-17), 24011853-018 (160-53128-18), 24011853-019 (160-53128-19), 24011853-020 (160-53128-20), 24011853-021 (160-53128-21), 24011853-022 (160-53128-22), 24011853-023 (160-53128-23), 24011853-024 (160-53128-24), 24011853-025 (160-53128-25), 24011853-026 (160-53128-26), 24011853-027 (160-53128-27), 24011853-028 (160-53128-28), 24011853-029 (160-53128-29), 24011853-030 (160-53128-30), 24011853-031 (160-53128-31), 24011853-032 (160-53128-32), 24011853-033 (160-53128-33) and 24011853-034 (160-53128-34) were analyzed for Radium-228 (GFPC). The samples were prepared on 2/15/2024 and analyzed on 2/29/2024.

Batch 648281
The detection goal was not met for the following samples due to the reduced sample volume attributed to the presence of matrix interferences: 24011853-003 (160-53128-3), 24011853-014 (160-53128-14), 24011853-016 (160-53128-16) and 24011853-020 (160-53128-20). Analytical results are reported with the detection limit achieved.

Batch 648284
The detection goal was not met for the following samples due to the reduced sample volume attributed to the presence of matrix interferences: 24011853-024 (160-53128-24) and 24011853-030 (160-53128-30). Analytical results are reported with the detection limit achieved.

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

Method Ra226_Ra228 Pos - Combined Radium-226 and Radium-228
Samples 24011853-001 (160-53128-1), 24011853-002 (160-53128-2), 24011853-003 (160-53128-3), 24011853-004 (160-53128-4), 24011853-005 (160-53128-5), 24011853-006 (160-53128-6), 24011853-007 (160-53128-7), 24011853-008 (160-53128-8), 24011853-009 (160-53128-9), 24011853-010 (160-53128-10), 24011853-011 (160-53128-11), 24011853-012 (160-53128-12), 24011853-013 (160-53128-13), 24011853-014 (160-53128-14), 24011853-015 (160-53128-15), 24011853-016 (160-53128-16), 24011853-017 (160-53128-17), 24011853-018 (160-53128-18), 24011853-019 (160-53128-19), 24011853-020 (160-53128-20), 24011853-021 (160-53128-21), 24011853-022 (160-53128-22), 24011853-023 (160-53128-23), 24011853-024 (160-53128-24), 24011853-025 (160-53128-25), 24011853-026 (160-53128-26), 24011853-027 (160-53128-27), 24011853-028 (160-53128-28), 24011853-029 (160-53128-29), 24011853-030 (160-53128-30), 24011853-031 (160-53128-31), 24011853-032 (160-53128-32), 24011853-033 (160-53128-33) and 24011853-034 (160-53128-34) were analyzed for Combined Radium-226 and Radium-228. The samples were analyzed on 3/8/2024 and 3/11/2024.

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

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, Inc. | QC Level: 2

Project# 24011853

Contact: Elizabeth Hurley | Email: ehurley@teklabinc.com
Requested Due Date: Standad TAT | Billing/PO: 35741 | Phone: 618 344-1004 ext. 33

Comments: **Please Issue reports and invoices via email only**
Please analyze for Radium 226/228 per standard GW methods (Vistra project).
Changes to methods must be approved by Teklab, Inc.
Batch QC is required for all analyses requested. Excel EDD requested. IL site.

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 combined
	24011853-001	2/7/24 1112	HNO3	Groundwater	✔
	24011853-002	2/7/24 1126	HNO3	Groundwater	✔
	24011853-003	2/7/24 1305	HNO3	Groundwater	✔
	24011853-004	2/8/24 0948	HNO3	Groundwater	✔
	24011853-005	2/6/24 1018	HNO3	Groundwater	✔
	24011853-006	2/6/24 1228	HNO3	Groundwater	✔
	24011853-007	2/7/24 1202	HNO3	Groundwater	✔
	24011853-008	2/8/24 1036	HNO3	Groundwater	✔
	24011853-009	2/5/24 1254	HNO3	Groundwater	✔
	24011853-010	2/7/24 0929	HNO3	Groundwater	✔
	24011853-011	2/7/24 1156	HNO3	Groundwater	✔

160-53128 Chain of Custody

*Relinquished By	Date/Time	Received By	Date/Time
	2/13/24 1147		2/13/24 1147
	2/13/24 1318		2/13/24 1318

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

ANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-257-605
APPENDIX A.

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, Inc. | QC Level: 2

Project# 24011853

Contact: Elizabeth Hurley | Email: ehurley@teklabinc.com
Requested Due Date: Standad TAT | Billing/PO: 35741 | Phone: 618 344-1004 ext. 33

Comments:
- **Please Issue reports and invoices via email only**
- Please analyze for Radium 226/228 per standard GW methods (Vistra project).
- Changes to methods must be approved by Teklab, Inc.
- Batch QC is required for all analyses requested. Excel EDD requested. IL site.

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 combined
	24011853-012	2/7/24 1146	HNO3	Groundwater	✔
	24011853-013	2/7/24 0932	HNO3	Groundwater	✔
	24011853-014	2/6/24 1522	HNO3	Groundwater	✔
	24011853-015	2/7/24 1023	HNO3	Groundwater	✔
	24011853-016	2/6/24 1052	HNO3	Groundwater	✔
	24011853-017	2/6/24 0941	HNO3	Groundwater	✔
	24011853-018	2/7/24 1324	HNO3	Groundwater	✔
	24011853-019	2/7/24 1333	HNO3	Groundwater	✔
	24011853-020	2/6/24 1208	HNO3	Groundwater	✔
	24011853-021	2/6/24 1414	HNO3	Groundwater	✔
	24011853-022	2/6/24 1331	HNO3	Groundwater	✔

*Relinquished By	Date/Time	Received By	Date/Time
Dana Dillard	2/13/24	Sina Wynn	2/13/24 1318

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TEKLAB, INC. Chain of Custody

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

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

Teklab Inc
5445 Horseshoe Lake Road
Collinsville, IL 62234

Cooler Temp: | Sampler: Teklab, Inc. | QC Level: 2

Project# 24011853

Comments: **Please Issue reports and invoices via email only**
Please analyze for Radium 226/228 per standard GW methods (Vistra project).
Changes to methods must be approved by Teklab, Inc.
Batch QC is required for all analyses requested. Excel EDD requested. IL site.

Contact: Elizabeth Hurley | Email: ehurley@teklabinc.com
Requested Due Date: Standad TAT | Billing/PO: 35741 | 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 combined
	24011853-023	2/6/24 1258	HNO3	Groundwater	✔
	24011853-024	2/9/24 0858	HNO3	Groundwater	✔
	24011853-025	2/6/24 1120	HNO3	Groundwater	✔
	24011853-026	2/6/24 1315	HNO3	Groundwater	✔
	24011853-027	2/6/24 1416	HNO3	Groundwater	✔
	24011853-028	2/7/24 1006	HNO3	Groundwater	✔
	24011853-029	2/6/24 1014	HNO3	Groundwater	✔
	24011853-030	2/6/24 0924	HNO3	Groundwater	✔
	24011853-031	2/6/24 1237	HNO3	Groundwater	✔
	24011853-032	2/8/24 1036	HNO3	~~Aqueous~~	✔
	24011853-033	2/5/24 1254	HNO3	Groundwater	✔

EVH 4/3/23

*Relinquished By	Date/Time	Received By	Date/Time
[signature]	2/13/24	Sina Wagner	2/13/24 1318

ANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-257-605
APPENDIX A.

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)

SubCoreRevA 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, Inc. | QC Level: 2

Project# 24011853

Comments: **Please Issue reports and invoices via email only**
Please analyze for Radium 226/228 per standard GW methods (Vistra project).
Changes to methods must be approved by Teklab, Inc.
Batch QC is required for all analyses requested. Excel EDD requested. IL site.

Contact: Elizabeth Hurley | Email: ehurley@teklabinc.com
Requested Due Date: Standad TAT | Billing/PO: 35741 | 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. ER 1/13/24 groundwater

Lab Use	Sample ID	Sample Date/Time	Preservative	Matrix	Ra226/228 combined
	24011853-034	2/8/24 1042	HNO3	~~Aqueous~~	✔
			HNO3	Aqueous	
			HNO3	Aqueous	
			HNO3	Groundwater	
			HNO3	Groundwater	
			HNO3	Groundwater	
			HNO3	Groundwater	
			HNO3	Groundwater	
			HNO3	Groundwater	
			HNO3	Groundwater	
			HNO3	Groundwater	

*Relinquished By	Date/Time	Received By	Date/Time
Simon Dilallo	2/13/24	Simon Wynn	2/13/24 1318

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

ANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-257-605
APPENDIX A.

Login Sample Receipt Checklist

Client: TekLab, Inc

Job Number: 160-53128-1
SDG Number: 24011853

Login Number: 53128
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: 160-53128-1
SDG: 24011853

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: 160-53128-1
SDG: 24011853

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: 160-53128-1
SDG: 24011853

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
160-53128-1	24011853-001	Water	02/07/24 11:12	02/13/24 13:18
160-53128-2	24011853-002	Water	02/07/24 11:26	02/13/24 13:18
160-53128-3	24011853-003	Water	02/07/24 13:05	02/13/24 13:18
160-53128-4	24011853-004	Water	02/08/24 09:48	02/13/24 13:18
160-53128-5	24011853-005	Water	02/06/24 10:18	02/13/24 13:18
160-53128-6	24011853-006	Water	02/06/24 12:28	02/13/24 13:18
160-53128-7	24011853-007	Water	02/07/24 12:02	02/13/24 13:18
160-53128-8	24011853-008	Water	02/08/24 10:36	02/13/24 13:18
160-53128-9	24011853-009	Water	02/05/24 12:54	02/13/24 13:18
160-53128-10	24011853-010	Water	02/07/24 09:29	02/13/24 13:18
160-53128-11	24011853-011	Water	02/07/24 11:56	02/13/24 13:18
160-53128-12	24011853-012	Water	02/07/24 11:46	02/13/24 13:18
160-53128-13	24011853-013	Water	02/07/24 09:32	02/13/24 13:18
160-53128-14	24011853-014	Water	02/06/24 15:22	02/13/24 13:18
160-53128-15	24011853-015	Water	02/07/24 10:23	02/13/24 13:18
160-53128-16	24011853-016	Water	02/06/24 10:52	02/13/24 13:18
160-53128-17	24011853-017	Water	02/06/24 09:41	02/13/24 13:18
160-53128-18	24011853-018	Water	02/07/24 13:24	02/13/24 13:18
160-53128-19	24011853-019	Water	02/07/24 13:33	02/13/24 13:18
160-53128-20	24011853-020	Water	02/06/24 12:08	02/13/24 13:18
160-53128-21	24011853-021	Water	02/06/24 14:14	02/13/24 13:18
160-53128-22	24011853-022	Water	02/06/24 13:31	02/13/24 13:18
160-53128-23	24011853-023	Water	02/06/24 12:58	02/13/24 13:18
160-53128-24	24011853-024	Water	02/09/24 08:58	02/13/24 13:18
160-53128-25	24011853-025	Water	02/06/24 11:20	02/13/24 13:18
160-53128-26	24011853-026	Water	02/06/24 13:15	02/13/24 13:18
160-53128-27	24011853-027	Water	02/06/24 14:16	02/13/24 13:18
160-53128-28	24011853-028	Water	02/07/24 10:06	02/13/24 13:18
160-53128-29	24011853-029	Water	02/06/24 10:14	02/13/24 13:18
160-53128-30	24011853-030	Water	02/06/24 09:24	02/13/24 13:18
160-53128-31	24011853-031	Water	02/06/24 12:37	02/13/24 13:18
160-53128-32	24011853-032	Water	02/08/24 10:36	02/13/24 13:18
160-53128-33	24011853-033	Water	02/05/24 12:54	02/13/24 13:18
160-53128-34	24011853-034	Water	02/08/24 10:42	02/13/24 13:18

Client Sample Results

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

Lab ID: 160-53128-1
SDG: 24011853

Client Sample ID: 24011853-001
Date Collected: 02/07/24 11:12
Date Received: 02/13/24 13:18

Lab Sample ID: 160-53128-1
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	0.00407	U	0.0673	0.0673	1.00	0.139	pCi/L	02/15/24 09:45	03/08/24 09:18	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*91.0*		*30 - 110*	*02/15/24 09:45*	*03/08/24 09:18*	*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	-0.0967	U	0.366	0.366	1.00	0.726	pCi/L	02/15/24 09:47	02/29/24 12:13	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*91.0*		*30 - 110*	*02/15/24 09:47*	*02/29/24 12:13*	*1*
Y Carrier	*77.4*		*30 - 110*	*02/15/24 09:47*	*02/29/24 12:13*	*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	0.00407	U	0.372	0.372	5.00	0.726	pCi/L		03/08/24 17:22	1

Client Sample ID: 24011853-002
Date Collected: 02/07/24 11:26
Date Received: 02/13/24 13:18

Lab Sample ID: 160-53128-2
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	0.0315	U	0.0977	0.0977	1.00	0.184	pCi/L	02/15/24 09:45	03/08/24 09:18	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*84.0*		*30 - 110*	*02/15/24 09:45*	*03/08/24 09:18*	*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	-0.163	U	0.337	0.338	1.00	0.705	pCi/L	02/15/24 09:47	02/29/24 12:13	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*84.0*		*30 - 110*	*02/15/24 09:47*	*02/29/24 12:13*	*1*
Y Carrier	*81.9*		*30 - 110*	*02/15/24 09:47*	*02/29/24 12:13*	*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	0.0315	U	0.351	0.352	5.00	0.705	pCi/L		03/08/24 17:22	1

Client Sample Results

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

Lab ID: 160-53128-1
SDG: 24011853

Client Sample ID: 24011853-003
Date Collected: 02/07/24 13:05
Date Received: 02/13/24 13:18

Lab Sample ID: 160-53128-3
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	0.0735	U	0.140	0.140	1.00	0.253	pCi/L	02/15/24 09:45	03/08/24 09:18	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*66.5*		*30 - 110*	*02/15/24 09:45*	*03/08/24 09:18*	*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	0.158	U G	0.879	0.879	1.00	1.59	pCi/L	02/15/24 09:47	02/29/24 12:13	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*66.5*		*30 - 110*	*02/15/24 09:47*	*02/29/24 12:13*	*1*
Y Carrier	*84.5*		*30 - 110*	*02/15/24 09:47*	*02/29/24 12:13*	*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	0.231	U	0.890	0.890	5.00	1.59	pCi/L		03/08/24 17:22	1

Client Sample ID: 24011853-004
Date Collected: 02/08/24 09:48
Date Received: 02/13/24 13:18

Lab Sample ID: 160-53128-4
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	0.0932	U	0.146	0.146	1.00	0.249	pCi/L	02/15/24 09:45	03/08/24 09:18	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*72.0*		*30 - 110*	*02/15/24 09:45*	*03/08/24 09:18*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.410	U	0.531	0.532	1.00	0.885	pCi/L	02/15/24 09:47	02/29/24 12:13	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*72.0*		*30 - 110*	*02/15/24 09:47*	*02/29/24 12:13*	*1*
Y Carrier	*83.7*		*30 - 110*	*02/15/24 09:47*	*02/29/24 12:13*	*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	0.503	U	0.551	0.552	5.00	0.885	pCi/L		03/08/24 17:22	1

Client Sample Results

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

Lab ID: 160-53128-1
SDG: 24011853

Client Sample ID: 24011853-005
Date Collected: 02/06/24 10:18
Date Received: 02/13/24 13:18

Lab Sample ID: 160-53128-5
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	0.195		0.117	0.119	1.00	0.161	pCi/L	02/15/24 09:45	03/08/24 09:18	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*81.0*		*30 - 110*	*02/15/24 09:45*	*03/08/24 09:18*	*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	0.373	U	0.365	0.366	1.00	0.584	pCi/L	02/15/24 09:47	02/29/24 12:14	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*81.0*		*30 - 110*	*02/15/24 09:47*	*02/29/24 12:14*	*1*
Y Carrier	*84.9*		*30 - 110*	*02/15/24 09:47*	*02/29/24 12:14*	*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	0.567	U	0.383	0.385	5.00	0.584	pCi/L		03/08/24 17:22	1

Client Sample ID: 24011853-006
Date Collected: 02/06/24 12:28
Date Received: 02/13/24 13:18

Lab Sample ID: 160-53128-6
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	0.0840	U	0.0718	0.0722	1.00	0.106	pCi/L	02/15/24 09:45	03/08/24 17:42	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*87.5*		*30 - 110*	*02/15/24 09:45*	*03/08/24 17:42*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.293	U	0.369	0.370	1.00	0.613	pCi/L	02/15/24 09:47	02/29/24 12:14	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*87.5*		*30 - 110*	*02/15/24 09:47*	*02/29/24 12:14*	*1*
Y Carrier	*81.1*		*30 - 110*	*02/15/24 09:47*	*02/29/24 12:14*	*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	0.377	U	0.376	0.377	5.00	0.613	pCi/L		03/08/24 17:22	1

Client Sample Results

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

Lab ID: 160-53128-1
SDG: 24011853

Client Sample ID: 24011853-007
Date Collected: 02/07/24 12:02
Date Received: 02/13/24 13:18

Lab Sample ID: 160-53128-7
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	0.0956	U	0.0868	0.0872	1.00	0.129	pCi/L	02/15/24 09:45	03/08/24 17:42	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*83.0*		*30 - 110*	*02/15/24 09:45*	*03/08/24 17:42*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.174	U	0.484	0.484	1.00	0.856	pCi/L	02/15/24 09:47	02/29/24 12:14	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*83.0*		*30 - 110*	*02/15/24 09:47*	*02/29/24 12:14*	*1*
Y Carrier	*80.7*		*30 - 110*	*02/15/24 09:47*	*02/29/24 12:14*	*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	0.270	U	0.492	0.492	5.00	0.856	pCi/L		03/08/24 17:22	1

Client Sample ID: 24011853-008
Date Collected: 02/08/24 10:36
Date Received: 02/13/24 13:18

Lab Sample ID: 160-53128-8
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	**0.427**		0.125	0.130	1.00	0.0949	pCi/L	02/15/24 09:45	03/08/24 17:42	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*84.0*		*30 - 110*	*02/15/24 09:45*	*03/08/24 17:42*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.262	U	0.327	0.327	1.00	0.542	pCi/L	02/15/24 09:47	02/29/24 12:14	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*84.0*		*30 - 110*	*02/15/24 09:47*	*02/29/24 12:14*	*1*
Y Carrier	*88.2*		*30 - 110*	*02/15/24 09:47*	*02/29/24 12:14*	*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	**0.689**		0.350	0.352	5.00	0.542	pCi/L		03/08/24 17:22	1

Client Sample Results

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

Lab ID: 160-53128-1
SDG: 24011853

Client Sample ID: 24011853-009
Date Collected: 02/05/24 12:54
Date Received: 02/13/24 13:18

Lab Sample ID: 160-53128-9
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	0.00157	U	0.0520	0.0520	1.00	0.108	pCi/L	02/15/24 09:45	03/08/24 17:42	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*88.0*		*30 - 110*	*02/15/24 09:45*	*03/08/24 17:42*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.132	U	0.311	0.311	1.00	0.547	pCi/L	02/15/24 09:47	02/29/24 12:14	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*88.0*		*30 - 110*	*02/15/24 09:47*	*02/29/24 12:14*	*1*
Y Carrier	*85.6*		*30 - 110*	*02/15/24 09:47*	*02/29/24 12:14*	*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	0.133	U	0.315	0.315	5.00	0.547	pCi/L		03/08/24 17:22	1

Client Sample ID: 24011853-010
Date Collected: 02/07/24 09:29
Date Received: 02/13/24 13:18

Lab Sample ID: 160-53128-10
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	0.00168	U	0.0496	0.0496	1.00	0.106	pCi/L	02/15/24 09:45	03/08/24 17:43	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*81.8*		*30 - 110*	*02/15/24 09:45*	*03/08/24 17:43*	*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	0.204	U	0.368	0.368	1.00	0.633	pCi/L	02/15/24 09:47	02/29/24 12:14	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*81.8*		*30 - 110*	*02/15/24 09:47*	*02/29/24 12:14*	*1*
Y Carrier	*82.6*		*30 - 110*	*02/15/24 09:47*	*02/29/24 12:14*	*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	0.371	0.371	5.00	0.633	pCi/L		03/08/24 17:22	1

Client Sample Results

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

Lab ID: 160-53128-1
SDG: 24011853

Client Sample ID: 24011853-011
Date Collected: 02/07/24 11:56
Date Received: 02/13/24 13:18

Lab Sample ID: 160-53128-11
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	0.778		0.161	0.176	1.00	0.0894	pCi/L	02/15/24 09:45	03/08/24 17:43	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*88.5*		*30 - 110*	*02/15/24 09:45*	*03/08/24 17:43*	*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	0.181	U	0.280	0.281	1.00	0.477	pCi/L	02/15/24 09:47	02/29/24 12:14	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*88.5*		*30 - 110*	*02/15/24 09:47*	*02/29/24 12:14*	*1*
Y Carrier	*90.1*		*30 - 110*	*02/15/24 09:47*	*02/29/24 12:14*	*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	0.959		0.323	0.332	5.00	0.477	pCi/L		03/08/24 17:22	1

Client Sample ID: 24011853-012
Date Collected: 02/07/24 11:46
Date Received: 02/13/24 13:18

Lab Sample ID: 160-53128-12
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	0.386		0.127	0.132	1.00	0.121	pCi/L	02/15/24 09:45	03/08/24 17:43	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*84.5*		*30 - 110*	*02/15/24 09:45*	*03/08/24 17:43*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.645		0.372	0.377	1.00	0.530	pCi/L	02/15/24 09:47	02/29/24 12:14	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*84.5*		*30 - 110*	*02/15/24 09:47*	*02/29/24 12:14*	*1*
Y Carrier	*86.0*		*30 - 110*	*02/15/24 09:47*	*02/29/24 12:14*	*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	1.03		0.393	0.399	5.00	0.530	pCi/L		03/11/24 13:27	1

Client Sample ID: 24011853-013
Lab Sample ID: 160-53128-13
Date Collected: 02/07/24 09:32
Matrix: Water
Date Received: 02/13/24 13:18

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	0.0874	U	0.0721	0.0725	1.00	0.104	pCi/L	02/15/24 09:45	03/08/24 17:43	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*83.0*		*30 - 110*	*02/15/24 09:45*	*03/08/24 17:43*	*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	**0.696**		0.416	0.421	1.00	0.608	pCi/L	02/15/24 09:47	02/29/24 12:12	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*83.0*		*30 - 110*	*02/15/24 09:47*	*02/29/24 12:12*	*1*
Y Carrier	*85.6*		*30 - 110*	*02/15/24 09:47*	*02/29/24 12:12*	*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	**0.783**		0.422	0.427	5.00	0.608	pCi/L		03/11/24 13:27	1

Client Sample ID: 24011853-014
Lab Sample ID: 160-53128-14
Date Collected: 02/06/24 15:22
Matrix: Water
Date Received: 02/13/24 13:18

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	0.0796	U	0.136	0.136	1.00	0.238	pCi/L	02/15/24 09:45	03/08/24 17:51	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*55.0*		*30 - 110*	*02/15/24 09:45*	*03/08/24 17:51*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.774	U G	0.737	0.740	1.00	1.17	pCi/L	02/15/24 09:47	02/29/24 12:12	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*55.0*		*30 - 110*	*02/15/24 09:47*	*02/29/24 12:12*	*1*
Y Carrier	*80.7*		*30 - 110*	*02/15/24 09:47*	*02/29/24 12:12*	*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	0.854	U	0.749	0.752	5.00	1.17	pCi/L		03/11/24 13:27	1

Client Sample Results

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

Lab ID: 160-53128-1
SDG: 24011853

Client Sample ID: 24011853-015
Date Collected: 02/07/24 10:23
Date Received: 02/13/24 13:18

Lab Sample ID: 160-53128-15
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	0.148		0.0905	0.0915	1.00	0.121	pCi/L	02/15/24 09:45	03/08/24 17:51	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*89.8*		*30 - 110*	*02/15/24 09:45*	*03/08/24 17:51*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.322	U	0.324	0.326	1.00	0.521	pCi/L	02/15/24 09:47	02/29/24 12:12	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*89.8*		*30 - 110*	*02/15/24 09:47*	*02/29/24 12:12*	*1*
Y Carrier	*81.1*		*30 - 110*	*02/15/24 09:47*	*02/29/24 12:12*	*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	0.470	U	0.336	0.339	5.00	0.521	pCi/L		03/11/24 13:27	1

Client Sample ID: 24011853-016
Date Collected: 02/06/24 10:52
Date Received: 02/13/24 13:18

Lab Sample ID: 160-53128-16
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	0.113	U	0.142	0.143	1.00	0.236	pCi/L	02/15/24 09:45	03/08/24 17:51	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*63.0*		*30 - 110*	*02/15/24 09:45*	*03/08/24 17:51*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.532	U G	0.660	0.662	1.00	1.09	pCi/L	02/15/24 09:47	02/29/24 12:12	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*63.0*		*30 - 110*	*02/15/24 09:47*	*02/29/24 12:12*	*1*
Y Carrier	*84.9*		*30 - 110*	*02/15/24 09:47*	*02/29/24 12:12*	*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	0.646	U	0.675	0.677	5.00	1.09	pCi/L		03/11/24 13:27	1

Client Sample Results

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

Lab ID: 160-53128-1
SDG: 24011853

Client Sample ID: 24011853-017
Date Collected: 02/06/24 09:41
Date Received: 02/13/24 13:18

Lab Sample ID: 160-53128-17
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	0.353		0.121	0.125	1.00	0.124	pCi/L	02/15/24 09:45	03/08/24 17:51	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*94.5*		*30 - 110*	*02/15/24 09:45*	*03/08/24 17:51*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.810		0.370	0.377	1.00	0.489	pCi/L	02/15/24 09:47	02/29/24 12:12	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*94.5*		*30 - 110*	*02/15/24 09:47*	*02/29/24 12:12*	*1*
Y Carrier	*83.4*		*30 - 110*	*02/15/24 09:47*	*02/29/24 12:12*	*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	1.16		0.389	0.397	5.00	0.489	pCi/L		03/11/24 13:27	1

Client Sample ID: 24011853-018
Date Collected: 02/07/24 13:24
Date Received: 02/13/24 13:18

Lab Sample ID: 160-53128-18
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	0.0673	U	0.0799	0.0801	1.00	0.131	pCi/L	02/15/24 09:45	03/08/24 17:51	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*91.8*		*30 - 110*	*02/15/24 09:45*	*03/08/24 17:51*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.549		0.329	0.333	1.00	0.466	pCi/L	02/15/24 09:47	02/29/24 12:12	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*91.8*		*30 - 110*	*02/15/24 09:47*	*02/29/24 12:12*	*1*
Y Carrier	*84.1*		*30 - 110*	*02/15/24 09:47*	*02/29/24 12:12*	*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	0.617		0.339	0.342	5.00	0.466	pCi/L		03/11/24 13:27	1

Client Sample Results

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

Lab ID: 160-53128-1
SDG: 24011853

Client Sample ID: 24011853-019
Date Collected: 02/07/24 13:33
Date Received: 02/13/24 13:18

Lab Sample ID: 160-53128-19
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	**0.147**		0.0857	0.0868	1.00	0.109	pCi/L	02/15/24 09:45	03/08/24 17:51	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*89.8*		*30 - 110*	*02/15/24 09:45*	*03/08/24 17:51*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**0.582**		0.373	0.377	1.00	0.549	pCi/L	02/15/24 09:47	02/29/24 12:11	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*89.8*		*30 - 110*	*02/15/24 09:47*	*02/29/24 12:11*	*1*
Y Carrier	*84.1*		*30 - 110*	*02/15/24 09:47*	*02/29/24 12:11*	*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	**0.730**		0.383	0.387	5.00	0.549	pCi/L		03/11/24 13:27	1

Client Sample ID: 24011853-020
Date Collected: 02/06/24 12:08
Date Received: 02/13/24 13:18

Lab Sample ID: 160-53128-20
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	**0.377**		0.216	0.218	1.00	0.270	pCi/L	02/15/24 09:45	03/08/24 17:51	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*67.8*		*30 - 110*	*02/15/24 09:45*	*03/08/24 17:51*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.898	U G	0.921	0.924	1.00	1.49	pCi/L	02/15/24 09:47	02/29/24 12:11	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*67.8*		*30 - 110*	*02/15/24 09:47*	*02/29/24 12:11*	*1*
Y Carrier	*86.4*		*30 - 110*	*02/15/24 09:47*	*02/29/24 12:11*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	1.28	U	0.946	0.949	5.00	1.49	pCi/L		03/11/24 13:27	1

Client Sample Results

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

Lab ID: 160-53128-1
SDG: 24011853

Client Sample ID: 24011853-021
Date Collected: 02/06/24 14:14
Date Received: 02/13/24 13:18

Lab Sample ID: 160-53128-21
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	-0.0174	U	0.0940	0.0940	1.00	0.191	pCi/L	02/15/24 09:48	03/08/24 09:01	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*92.3*		*30 - 110*	*02/15/24 09:48*	*03/08/24 09:01*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.401	U	0.418	0.420	1.00	0.676	pCi/L	02/15/24 09:51	02/29/24 12:19	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*92.3*		*30 - 110*	*02/15/24 09:51*	*02/29/24 12:19*	*1*
Y Carrier	*85.6*		*30 - 110*	*02/15/24 09:51*	*02/29/24 12:19*	*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	0.401	U	0.428	0.430	5.00	0.676	pCi/L		03/11/24 13:27	1

Client Sample ID: 24011853-022
Date Collected: 02/06/24 13:31
Date Received: 02/13/24 13:18

Lab Sample ID: 160-53128-22
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	0.0840	U	0.106	0.106	1.00	0.176	pCi/L	02/15/24 09:48	03/08/24 09:01	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*80.5*		*30 - 110*	*02/15/24 09:48*	*03/08/24 09:01*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.325	U	0.498	0.499	1.00	0.845	pCi/L	02/15/24 09:51	02/29/24 12:19	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*80.5*		*30 - 110*	*02/15/24 09:51*	*02/29/24 12:19*	*1*
Y Carrier	*83.7*		*30 - 110*	*02/15/24 09:51*	*02/29/24 12:19*	*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	0.409	U	0.509	0.510	5.00	0.845	pCi/L		03/11/24 13:27	1

Client Sample Results

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

Lab ID: 160-53128-1
SDG: 24011853

Client Sample ID: 24011853-023
Date Collected: 02/06/24 12:58
Date Received: 02/13/24 13:18

Lab Sample ID: 160-53128-23
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	0.334		0.112	0.116	1.00	0.103	pCi/L	02/15/24 09:48	03/08/24 09:02	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*93.3*		*30 - 110*	*02/15/24 09:48*	*03/08/24 09:02*	*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	1.09		0.421	0.433	1.00	0.527	pCi/L	02/15/24 09:51	02/29/24 12:22	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*93.3*		*30 - 110*	*02/15/24 09:51*	*02/29/24 12:22*	*1*
Y Carrier	*83.4*		*30 - 110*	*02/15/24 09:51*	*02/29/24 12:22*	*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	1.42		0.436	0.448	5.00	0.527	pCi/L		03/11/24 13:27	1

Client Sample ID: 24011853-024
Date Collected: 02/09/24 08:58
Date Received: 02/13/24 13:18

Lab Sample ID: 160-53128-24
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	1.28		0.312	0.332	1.00	0.209	pCi/L	02/15/24 09:48	03/08/24 09:02	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*78.3*		*30 - 110*	*02/15/24 09:48*	*03/08/24 09:02*	*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	1.12	U G	0.793	0.799	1.00	1.19	pCi/L	02/15/24 09:51	02/29/24 12:22	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*78.3*		*30 - 110*	*02/15/24 09:51*	*02/29/24 12:22*	*1*
Y Carrier	*86.7*		*30 - 110*	*02/15/24 09:51*	*02/29/24 12:22*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	2.40		0.852	0.865	5.00	1.19	pCi/L		03/11/24 13:27	1

Client Sample Results

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

Lab ID: 160-53128-1
SDG: 24011853

Client Sample ID: 24011853-025
Date Collected: 02/06/24 11:20
Date Received: 02/13/24 13:18

Lab Sample ID: 160-53128-25
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	0.114		0.0707	0.0715	1.00	0.0881	pCi/L	02/15/24 09:48	03/08/24 09:02	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*94.0*		*30 - 110*	*02/15/24 09:48*	*03/08/24 09:02*	*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	0.360	U	0.331	0.333	1.00	0.524	pCi/L	02/15/24 09:51	02/29/24 12:22	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*94.0*		*30 - 110*	*02/15/24 09:51*	*02/29/24 12:22*	*1*
Y Carrier	*79.6*		*30 - 110*	*02/15/24 09:51*	*02/29/24 12:22*	*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	0.474	U	0.338	0.341	5.00	0.524	pCi/L		03/11/24 13:27	1

Client Sample ID: 24011853-026
Date Collected: 02/06/24 13:15
Date Received: 02/13/24 13:18

Lab Sample ID: 160-53128-26
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	0.102	U	0.0996	0.100	1.00	0.154	pCi/L	02/15/24 09:48	03/08/24 09:02	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*83.0*		*30 - 110*	*02/15/24 09:48*	*03/08/24 09:02*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.512	U	0.525	0.527	1.00	0.850	pCi/L	02/15/24 09:51	02/29/24 12:22	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*83.0*		*30 - 110*	*02/15/24 09:51*	*02/29/24 12:22*	*1*
Y Carrier	*85.2*		*30 - 110*	*02/15/24 09:51*	*02/29/24 12:22*	*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	0.615	U	0.534	0.536	5.00	0.850	pCi/L		03/11/24 13:27	1

Client Sample Results

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

Lab ID: 160-53128-1
SDG: 24011853

Client Sample ID: 24011853-027
Date Collected: 02/06/24 14:16
Date Received: 02/13/24 13:18

Lab Sample ID: 160-53128-27
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	**0.133**		0.0757	0.0767	1.00	0.0924	pCi/L	02/15/24 09:48	03/08/24 09:02	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*97.8*		*30 - 110*	*02/15/24 09:48*	*03/08/24 09:02*	*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	0.225	U	0.312	0.312	1.00	0.523	pCi/L	02/15/24 09:51	02/29/24 12:22	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*97.8*		*30 - 110*	*02/15/24 09:51*	*02/29/24 12:22*	*1*
Y Carrier	*83.7*		*30 - 110*	*02/15/24 09:51*	*02/29/24 12:22*	*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	0.358	U	0.321	0.321	5.00	0.523	pCi/L		03/11/24 13:27	1

Client Sample ID: 24011853-028
Date Collected: 02/07/24 10:06
Date Received: 02/13/24 13:18

Lab Sample ID: 160-53128-28
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	**0.181**		0.0853	0.0869	1.00	0.0893	pCi/L	02/15/24 09:48	03/08/24 09:03	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*90.0*		*30 - 110*	*02/15/24 09:48*	*03/08/24 09:03*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.443	U	0.358	0.360	1.00	0.551	pCi/L	02/15/24 09:51	02/29/24 12:23	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*90.0*		*30 - 110*	*02/15/24 09:51*	*02/29/24 12:23*	*1*
Y Carrier	*78.1*		*30 - 110*	*02/15/24 09:51*	*02/29/24 12:23*	*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	**0.624**		0.368	0.370	5.00	0.551	pCi/L		03/11/24 13:27	1

Client Sample Results

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

Lab ID: 160-53128-1
SDG: 24011853

Client Sample ID: 24011853-029
Date Collected: 02/06/24 10:14
Date Received: 02/13/24 13:18

Lab Sample ID: 160-53128-29
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	0.224		0.112	0.114	1.00	0.122	pCi/L	02/15/24 09:48	03/08/24 09:03	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*90.3*		*30 - 110*	*02/15/24 09:48*	*03/08/24 09:03*	*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	0.142	U	0.437	0.437	1.00	0.782	pCi/L	02/15/24 09:51	02/29/24 12:23	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*90.3*		*30 - 110*	*02/15/24 09:51*	*02/29/24 12:23*	*1*
Y Carrier	*78.9*		*30 - 110*	*02/15/24 09:51*	*02/29/24 12:23*	*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	0.366	U	0.451	0.452	5.00	0.782	pCi/L		03/11/24 13:27	1

Client Sample ID: 24011853-030
Date Collected: 02/06/24 09:24
Date Received: 02/13/24 13:18

Lab Sample ID: 160-53128-30
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	0.189		0.118	0.120	1.00	0.145	pCi/L	02/15/24 09:48	03/08/24 09:03	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*67.8*		*30 - 110*	*02/15/24 09:48*	*03/08/24 09:03*	*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	0.531	U G	0.617	0.619	1.00	1.01	pCi/L	02/15/24 09:51	02/29/24 12:36	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*67.8*		*30 - 110*	*02/15/24 09:51*	*02/29/24 12:36*	*1*
Y Carrier	*81.1*		*30 - 110*	*02/15/24 09:51*	*02/29/24 12:36*	*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	0.721	U	0.628	0.631	5.00	1.01	pCi/L		03/11/24 13:27	1

Client Sample Results

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

Lab ID: 160-53128-1
SDG: 24011853

Client Sample ID: 24011853-031
Date Collected: 02/06/24 12:37
Date Received: 02/13/24 13:18

Lab Sample ID: 160-53128-31
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	0.00761	U	0.0788	0.0788	1.00	0.159	pCi/L	02/15/24 09:48	03/08/24 09:03	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*85.8*		*30 - 110*	*02/15/24 09:48*	*03/08/24 09:03*	*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	-0.0859	U	0.461	0.461	1.00	0.878	pCi/L	02/15/24 09:51	02/29/24 12:35	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*85.8*		*30 - 110*	*02/15/24 09:51*	*02/29/24 12:35*	*1*
Y Carrier	*82.2*		*30 - 110*	*02/15/24 09:51*	*02/29/24 12:35*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.00761	U	0.468	0.468	5.00	0.878	pCi/L		03/11/24 13:27	1

Client Sample ID: 24011853-032
Date Collected: 02/08/24 10:36
Date Received: 02/13/24 13:18

Lab Sample ID: 160-53128-32
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	0.0284	U	0.0557	0.0557	1.00	0.101	pCi/L	02/15/24 09:48	03/08/24 09:03	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*87.5*		*30 - 110*	*02/15/24 09:48*	*03/08/24 09:03*	*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	-0.245	U	0.311	0.312	1.00	0.641	pCi/L	02/15/24 09:51	02/29/24 12:35	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*87.5*		*30 - 110*	*02/15/24 09:51*	*02/29/24 12:35*	*1*
Y Carrier	*85.2*		*30 - 110*	*02/15/24 09:51*	*02/29/24 12:35*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.0284	U	0.316	0.317	5.00	0.641	pCi/L		03/11/24 13:28	1

Client Sample Results

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

Lab ID: 160-53128-1
SDG: 24011853

Client Sample ID: 24011853-033
Date Collected: 02/05/24 12:54
Date Received: 02/13/24 13:18

Lab Sample ID: 160-53128-33
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	0.0577	U	0.0742	0.0743	1.00	0.123	pCi/L	02/15/24 09:48	03/08/24 09:15	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*86.0*		*30 - 110*	*02/15/24 09:48*	*03/08/24 09:15*	*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	-0.194	U	0.366	0.367	1.00	0.731	pCi/L	02/15/24 09:51	02/29/24 12:35	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*86.0*		*30 - 110*	*02/15/24 09:51*	*02/29/24 12:35*	*1*
Y Carrier	*77.0*		*30 - 110*	*02/15/24 09:51*	*02/29/24 12:35*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.0577	U	0.373	0.374	5.00	0.731	pCi/L		03/11/24 13:28	1

Client Sample ID: 24011853-034
Date Collected: 02/08/24 10:42
Date Received: 02/13/24 13:18

Lab Sample ID: 160-53128-34
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	0.00691	U	0.0601	0.0601	1.00	0.119	pCi/L	02/15/24 09:48	03/08/24 09:15	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*94.0*		*30 - 110*	*02/15/24 09:48*	*03/08/24 09:15*	*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	-0.00233	U	0.325	0.325	1.00	0.605	pCi/L	02/15/24 09:51	02/29/24 12:35	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*94.0*		*30 - 110*	*02/15/24 09:51*	*02/29/24 12:35*	*1*
Y Carrier	*81.1*		*30 - 110*	*02/15/24 09:51*	*02/29/24 12:35*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.00691	U	0.331	0.331	5.00	0.605	pCi/L		03/11/24 13:28	1

QC Sample Results

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

Job ID: 160-53128-1
SDG: 24011853

Method: 903.0 - Radium-226 (GFPC)

Lab Sample ID: MB 160-648280/1-A
Matrix: Water
Analysis Batch: 651635

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 648280

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.003933	U	0.0523	0.0523	1.00	0.112	pCi/L	02/15/24 09:45	03/08/24 09:18	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*91.3*		*30 - 110*	*02/15/24 09:45*	*03/08/24 09:18*	*1*

Lab Sample ID: LCS 160-648280/2-A
Matrix: Water
Analysis Batch: 651635

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 648280

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-226			11.3	10.87		1.15	1.00	0.143	pCi/L	96	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*93.5*		*30 - 110*

Lab Sample ID: 160-53128-5 DU
Matrix: Water
Analysis Batch: 651625

Client Sample ID: 24011853-005
Prep Type: Total/NA
Prep Batch: 648280

Analyte	Sample Result	Sample Qual		DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit			RER	RER Limit
Radium-226	0.195			0.07057	U	0.0772	1.00	0.123	pCi/L			0.63	1

Carrier	*DU %Yield*	*DU Qualifier*	*Limits*
Ba Carrier	*76.5*		*30 - 110*

Lab Sample ID: MB 160-648282/1-A
Matrix: Water
Analysis Batch: 651625

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 648282

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0000	U	0.0516	0.0516	1.00	0.108	pCi/L	02/15/24 09:48	03/08/24 09:00	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*90.0*		*30 - 110*	*02/15/24 09:48*	*03/08/24 09:00*	*1*

Lab Sample ID: LCS 160-648282/2-A
Matrix: Water
Analysis Batch: 651625

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 648282

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-226			11.3	11.55		1.20	1.00	0.101	pCi/L	102	75 - 125		

QC Sample Results

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

Lab ID: 160-53128-1
SDG: 24011853

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

Lab Sample ID: LCS 160-648282/2-A
Matrix: Water
Analysis Batch: 651625

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 648282

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*90.8*		*30 - 110*

Lab Sample ID: 160-53128-28 DU
Matrix: Water
Analysis Batch: 651625

Client Sample ID: 24011853-028
Prep Type: Total/NA
Prep Batch: 648282

Analyte	Sample Result	Sample Qual		DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit			RER	RER Limit
Radium-226	0.181			0.1087	U	0.0789	1.00	0.109	pCi/L			0.44	1

Carrier	*DU %Yield*	*DU Qualifier*	*Limits*
Ba Carrier	*89.3*		*30 - 110*

Method: 904.0 - Radium-228 (GFPC)

Lab Sample ID: MB 160-648281/1-A
Matrix: Water
Analysis Batch: 650278

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 648281

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.02232	U	0.265	0.265	1.00	0.496	pCi/L	02/15/24 09:47	02/29/24 12:13	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*91.3*		*30 - 110*	*02/15/24 09:47*	*02/29/24 12:13*	*1*
Y Carrier	*84.1*		*30 - 110*	*02/15/24 09:47*	*02/29/24 12:13*	*1*

Lab Sample ID: LCS 160-648281/2-A
Matrix: Water
Analysis Batch: 650278

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 648281

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-228			9.17	8.877		1.23	1.00	0.500	pCi/L	97	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*93.5*		*30 - 110*
Y Carrier	*83.7*		*30 - 110*

Lab Sample ID: 160-53128-5 DU
Matrix: Water
Analysis Batch: 650278

Client Sample ID: 24011853-005
Prep Type: Total/NA
Prep Batch: 648281

Analyte	Sample Result	Sample Qual		DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit			RER	RER Limit
Radium-228	0.373	U		0.1891	U	0.341	1.00	0.589	pCi/L			0.26	1

QC Sample Results

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

Job ID: 160-53128-1
SDG: 24011853

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

Lab Sample ID: 160-53128-5 DU
Matrix: Water
Analysis Batch: 650278

Client Sample ID: 24011853-005
Prep Type: Total/NA
Prep Batch: 648281

Carrier	DU %Yield	DU Qualifier	Limits
Ba Carrier	76.5		30 - 110
Y Carrier	87.1		30 - 110

Lab Sample ID: MB 160-648284/1-A
Matrix: Water
Analysis Batch: 650274

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 648284

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	-0.4328	U	0.291	0.294	1.00	0.649	pCi/L	02/15/24 09:51	02/29/24 12:19	1

Carrier	MB %Yield	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	90.0		30 - 110	02/15/24 09:51	02/29/24 12:19	1
Y Carrier	84.5		30 - 110	02/15/24 09:51	02/29/24 12:19	1

Lab Sample ID: LCS 160-648284/2-A
Matrix: Water
Analysis Batch: 650274

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 648284

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-228			9.17	9.484		1.30	1.00	0.573	pCi/L	103	75 - 125		

Carrier	LCS %Yield	LCS Qualifier	Limits
Ba Carrier	90.8		30 - 110
Y Carrier	87.9		30 - 110

Lab Sample ID: 160-53128-28 DU
Matrix: Water
Analysis Batch: 650274

Client Sample ID: 24011853-028
Prep Type: Total/NA
Prep Batch: 648284

Analyte	Sample Result	Sample Qual		DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit			RER	RER Limit
Radium-228	0.443	U		0.3592	U	0.303	1.00	0.466	pCi/L			0.13	1

Carrier	DU %Yield	DU Qualifier	Limits
Ba Carrier	89.3		30 - 110
Y Carrier	90.1		30 - 110

QC Association Summary

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

Job ID: 160-53128-1
SDG: 24011853

Rad

Prep Batch: 648280

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-53128-1	24011853-001	Total/NA	Water	PrecSep-21	
160-53128-2	24011853-002	Total/NA	Water	PrecSep-21	
160-53128-3	24011853-003	Total/NA	Water	PrecSep-21	
160-53128-4	24011853-004	Total/NA	Water	PrecSep-21	
160-53128-5	24011853-005	Total/NA	Water	PrecSep-21	
160-53128-6	24011853-006	Total/NA	Water	PrecSep-21	
160-53128-7	24011853-007	Total/NA	Water	PrecSep-21	
160-53128-8	24011853-008	Total/NA	Water	PrecSep-21	
160-53128-9	24011853-009	Total/NA	Water	PrecSep-21	
160-53128-10	24011853-010	Total/NA	Water	PrecSep-21	
160-53128-11	24011853-011	Total/NA	Water	PrecSep-21	
160-53128-12	24011853-012	Total/NA	Water	PrecSep-21	
160-53128-13	24011853-013	Total/NA	Water	PrecSep-21	
160-53128-14	24011853-014	Total/NA	Water	PrecSep-21	
160-53128-15	24011853-015	Total/NA	Water	PrecSep-21	
160-53128-16	24011853-016	Total/NA	Water	PrecSep-21	
160-53128-17	24011853-017	Total/NA	Water	PrecSep-21	
160-53128-18	24011853-018	Total/NA	Water	PrecSep-21	
160-53128-19	24011853-019	Total/NA	Water	PrecSep-21	
160-53128-20	24011853-020	Total/NA	Water	PrecSep-21	
MB 160-648280/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-648280/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	
160-53128-5 DU	24011853-005	Total/NA	Water	PrecSep-21	

Prep Batch: 648281

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-53128-1	24011853-001	Total/NA	Water	PrecSep_0	
160-53128-2	24011853-002	Total/NA	Water	PrecSep_0	
160-53128-3	24011853-003	Total/NA	Water	PrecSep_0	
160-53128-4	24011853-004	Total/NA	Water	PrecSep_0	
160-53128-5	24011853-005	Total/NA	Water	PrecSep_0	
160-53128-6	24011853-006	Total/NA	Water	PrecSep_0	
160-53128-7	24011853-007	Total/NA	Water	PrecSep_0	
160-53128-8	24011853-008	Total/NA	Water	PrecSep_0	
160-53128-9	24011853-009	Total/NA	Water	PrecSep_0	
160-53128-10	24011853-010	Total/NA	Water	PrecSep_0	
160-53128-11	24011853-011	Total/NA	Water	PrecSep_0	
160-53128-12	24011853-012	Total/NA	Water	PrecSep_0	
160-53128-13	24011853-013	Total/NA	Water	PrecSep_0	
160-53128-14	24011853-014	Total/NA	Water	PrecSep_0	
160-53128-15	24011853-015	Total/NA	Water	PrecSep_0	
160-53128-16	24011853-016	Total/NA	Water	PrecSep_0	
160-53128-17	24011853-017	Total/NA	Water	PrecSep_0	
160-53128-18	24011853-018	Total/NA	Water	PrecSep_0	
160-53128-19	24011853-019	Total/NA	Water	PrecSep_0	
160-53128-20	24011853-020	Total/NA	Water	PrecSep_0	
MB 160-648281/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-648281/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	
160-53128-5 DU	24011853-005	Total/NA	Water	PrecSep_0	

QC Association Summary

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

Job ID: 160-53128-1
SDG: 24011853

Rad

Prep Batch: 648282

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-53128-21	24011853-021	Total/NA	Water	PrecSep-21	
160-53128-22	24011853-022	Total/NA	Water	PrecSep-21	
160-53128-23	24011853-023	Total/NA	Water	PrecSep-21	
160-53128-24	24011853-024	Total/NA	Water	PrecSep-21	
160-53128-25	24011853-025	Total/NA	Water	PrecSep-21	
160-53128-26	24011853-026	Total/NA	Water	PrecSep-21	
160-53128-27	24011853-027	Total/NA	Water	PrecSep-21	
160-53128-28	24011853-028	Total/NA	Water	PrecSep-21	
160-53128-29	24011853-029	Total/NA	Water	PrecSep-21	
160-53128-30	24011853-030	Total/NA	Water	PrecSep-21	
160-53128-31	24011853-031	Total/NA	Water	PrecSep-21	
160-53128-32	24011853-032	Total/NA	Water	PrecSep-21	
160-53128-33	24011853-033	Total/NA	Water	PrecSep-21	
160-53128-34	24011853-034	Total/NA	Water	PrecSep-21	
MB 160-648282/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-648282/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	
160-53128-28 DU	24011853-028	Total/NA	Water	PrecSep-21	

Prep Batch: 648284

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-53128-21	24011853-021	Total/NA	Water	PrecSep_0	
160-53128-22	24011853-022	Total/NA	Water	PrecSep_0	
160-53128-23	24011853-023	Total/NA	Water	PrecSep_0	
160-53128-24	24011853-024	Total/NA	Water	PrecSep_0	
160-53128-25	24011853-025	Total/NA	Water	PrecSep_0	
160-53128-26	24011853-026	Total/NA	Water	PrecSep_0	
160-53128-27	24011853-027	Total/NA	Water	PrecSep_0	
160-53128-28	24011853-028	Total/NA	Water	PrecSep_0	
160-53128-29	24011853-029	Total/NA	Water	PrecSep_0	
160-53128-30	24011853-030	Total/NA	Water	PrecSep_0	
160-53128-31	24011853-031	Total/NA	Water	PrecSep_0	
160-53128-32	24011853-032	Total/NA	Water	PrecSep_0	
160-53128-33	24011853-033	Total/NA	Water	PrecSep_0	
160-53128-34	24011853-034	Total/NA	Water	PrecSep_0	
MB 160-648284/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-648284/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	
160-53128-28 DU	24011853-028	Total/NA	Water	PrecSep_0	

Tracer/Carrier Summary

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

Lab ID: 160-53128-1
SDG: 24011853

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)						
160-53128-1	24011853-001	91.0						
160-53128-2	24011853-002	84.0						
160-53128-3	24011853-003	66.5						
160-53128-4	24011853-004	72.0						
160-53128-5	24011853-005	81.0						
160-53128-5 DU	24011853-005	76.5						
160-53128-6	24011853-006	87.5						
160-53128-7	24011853-007	83.0						
160-53128-8	24011853-008	84.0						
160-53128-9	24011853-009	88.0						
160-53128-10	24011853-010	81.8						
160-53128-11	24011853-011	88.5						
160-53128-12	24011853-012	84.5						
160-53128-13	24011853-013	83.0						
160-53128-14	24011853-014	55.0						
160-53128-15	24011853-015	89.8						
160-53128-16	24011853-016	63.0						
160-53128-17	24011853-017	94.5						
160-53128-18	24011853-018	91.8						
160-53128-19	24011853-019	89.8						
160-53128-20	24011853-020	67.8						
160-53128-21	24011853-021	92.3						
160-53128-22	24011853-022	80.5						
160-53128-23	24011853-023	93.3						
160-53128-24	24011853-024	78.3						
160-53128-25	24011853-025	94.0						
160-53128-26	24011853-026	83.0						
160-53128-27	24011853-027	97.8						
160-53128-28	24011853-028	90.0						
160-53128-28 DU	24011853-028	89.3						
160-53128-29	24011853-029	90.3						
160-53128-30	24011853-030	67.8						
160-53128-31	24011853-031	85.8						
160-53128-32	24011853-032	87.5						
160-53128-33	24011853-033	86.0						
160-53128-34	24011853-034	94.0						
LCS 160-648280/2-A	Lab Control Sample	93.5						
LCS 160-648282/2-A	Lab Control Sample	90.8						
MB 160-648280/1-A	Method Blank	91.3						
MB 160-648282/1-A	Method Blank	90.0						

Tracer/Carrier Legend

Ba = Ba Carrier

Tracer/Carrier Summary

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

Job ID: 160-53128-1
SDG: 24011853

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)
160-53128-1	24011853-001	91.0	77.4
160-53128-2	24011853-002	84.0	81.9
160-53128-3	24011853-003	66.5	84.5
160-53128-4	24011853-004	72.0	83.7
160-53128-5	24011853-005	81.0	84.9
160-53128-5 DU	24011853-005	76.5	87.1
160-53128-6	24011853-006	87.5	81.1
160-53128-7	24011853-007	83.0	80.7
160-53128-8	24011853-008	84.0	88.2
160-53128-9	24011853-009	88.0	85.6
160-53128-10	24011853-010	81.8	82.6
160-53128-11	24011853-011	88.5	90.1
160-53128-12	24011853-012	84.5	86.0
160-53128-13	24011853-013	83.0	85.6
160-53128-14	24011853-014	55.0	80.7
160-53128-15	24011853-015	89.8	81.1
160-53128-16	24011853-016	63.0	84.9
160-53128-17	24011853-017	94.5	83.4
160-53128-18	24011853-018	91.8	84.1
160-53128-19	24011853-019	89.8	84.1
160-53128-20	24011853-020	67.8	86.4
160-53128-21	24011853-021	92.3	85.6
160-53128-22	24011853-022	80.5	83.7
160-53128-23	24011853-023	93.3	83.4
160-53128-24	24011853-024	78.3	86.7
160-53128-25	24011853-025	94.0	79.6
160-53128-26	24011853-026	83.0	85.2
160-53128-27	24011853-027	97.8	83.7
160-53128-28	24011853-028	90.0	78.1
160-53128-28 DU	24011853-028	89.3	90.1
160-53128-29	24011853-029	90.3	78.9
160-53128-30	24011853-030	67.8	81.1
160-53128-31	24011853-031	85.8	82.2
160-53128-32	24011853-032	87.5	85.2
160-53128-33	24011853-033	86.0	77.0
160-53128-34	24011853-034	94.0	81.1
LCS 160-648281/2-A	Lab Control Sample	93.5	83.7
LCS 160-648284/2-A	Lab Control Sample	90.8	87.9
MB 160-648281/1-A	Method Blank	91.3	84.1
MB 160-648284/1-A	Method Blank	90.0	84.5

Tracer/Carrier Legend

Ba = Ba Carrier
Y = Y Carrier

Site Samping Event: Baldwin 1Q24
LIMS Workorder: 24011852
Technician(s): DC, JC, TC, BG

Groundwater Sampling Summary
Baldwin- 1Q 2024

			Weather				Well Condition				
WO Sample	Well ID	Program/ Sample Type	Temp (°F)	Precipitation	Wind Direction	Sky	Well Pad	Casing	Protective Cover	Reference Mark/ ID	Well Locked
001	MW-104DR	Groundwater Sample	53.0	None	SE	Clear	Good	Good	Good	Yes	Yes
002	MW-104SR	Groundwater Sample	53.0	None	SE	Clear	Good	Good	Good	Yes	Yes
003	MW-150	Groundwater Sample	40.0	None	NW	Clear	Good	Good	Good	Yes	Yes
004	MW-151	Groundwater Sample	47.0	None	N	Partly cloudy	Good	Good	Good	Yes	Yes
005	MW-152	Groundwater Sample	53.0	None	N	Partly cloudy	Good	Good	Good	Yes	Yes
006	MW-153	Groundwater Sample	54.0	None	N	Partly cloudy	Good	Good	Good	Yes	Yes
007	MW-154	Groundwater Sample	53.0	None	SE	Clear	Good	Good	Good	Yes	Yes
008	MW-155	Groundwater Sample									
009	MW-192	Groundwater Sample	36.0	None	W	Clear	Good	Good	Good	Yes	Yes
010	MW-193	Groundwater Sample	38.0	None	W	Clear	Good	Good	Good	Yes	Yes
011	MW-252	Groundwater Sample	52.0	None	N	Partly cloudy	Good	Good	Good	Yes	Yes
012	MW-253	Groundwater Sample	55.0	None	N	Partly cloudy	Good	Good	Good	Yes	Yes
013	MW-304	Groundwater Sample	53.0	None	SE	Clear	Good	Good	Good	Yes	Yes
014	MW-306	Groundwater Sample	40.0	None	N	Partly cloudy	Good	Good	Good	Yes	Yes
015	MW-350	Groundwater Sample	42.0	None	NW	Clear	Good	Good	Good	Yes	Yes
016	MW-352	Groundwater Sample	49.0	None	N	Partly cloudy	Good	Good	Good	Yes	Yes
017	MW-355	Groundwater Sample									
018	MW-356	Groundwater Sample	38.0	None	NW	Clear	Good	Good	Good	Yes	Yes
019	MW-358	Groundwater Sample	55.0	None	S	Clear	Good	Good	Good	Yes	Yes
020	MW-366	Groundwater Sample	44.0	None	N	Partly cloudy	Good	Good	Good	Yes	Yes
021	MW-369	Groundwater Sample	44.0	None	SW	Clear	Good	Good	Good	Yes	Yes
022	MW-370	Groundwater Sample	39.0	None	SW	Clear	Good	Good	Good	Yes	Yes
023	MW-375	Groundwater Sample	42.0	None	NW	Clear	Good	Good	Good	Yes	Yes
024	MW-377	Groundwater Sample	55.0	None	N	Partly cloudy	Good	Good	Good	Yes	Yes
025	MW-382	Groundwater Sample	48.0	None	SW	Clear	Good	Good	Good	Yes	Yes
026	MW-383	Groundwater Sample	54.0	None	S	Clear	Good	Good	Good	Yes	Yes
027	MW-384	Groundwater Sample	53.0	None	S	Clear	Good	Good	Good	Yes	Yes
028	MW-390	Groundwater Sample	51.0	None	S	Clear	Good	Good	Good	Yes	Yes
029	MW-391	Groundwater Sample	57.0	None	N	Cloudy	Good	Good	Good	Yes	Yes
030	MW-392	Groundwater Sample	36.0	None	W	Clear	Good	Good	Good	Yes	Yes
031	MW-393	Groundwater Sample	38.0	None	W	Clear	Good	Good	Good	Yes	Yes
032	MW-394	Groundwater Sample	41.0	None	W	Clear	Good	Good	Good	Yes	Yes
033	OW-156	Stabilization Data Only	39.0	None	NW	Partly cloudy	Good	Good	Good	Yes	Yes
034	OW-157	Stabilization Data Only	39.0	None	NW	Partly cloudy	Good	Good	Good	Yes	Yes
035	OW-256	Groundwater Sample	38.0	None	NW	Clear	Good	Good	Good	Yes	Yes

Site Samping Event: Baldwin 1Q24
LIMS Workorder: 24011852
Technician(s): DC, JC, TC, BG

Groundwater Sampling Summary
Baldwin- 1Q 2024

			Weather				Well Condition				
WO Sample	**Well ID**	**Program/ Sample Type**	**Temp (°F)**	**Precipitation**	**Wind Direction**	**Sky**	**Well Pad**	**Casing**	**Protective Cover**	**Reference Mark/ ID**	**Well Locked**
036	OW-257	Groundwater Sample	41.0	None	SW	Clear	Good	Good	Good	Yes	Yes
037	PZ-170	Groundwater Sample	36.0	None	SW	Clear	Good	Good	Good	Yes	Yes
038	PZ-182	Groundwater Sample	50.0	None	S	Clear	Good	Good	Good	Yes	Yes
039	TPZ-164	Groundwater Sample									
040	XPW01	Groundwater Sample	49.0	None	N	Cloudy	Good	Good	Good	Yes	Yes
041	XPW05	Groundwater Sample									
042	XPW06	Groundwater Sample	46.0	None	SW	Clear	Good	Good	Good	Yes	No
043	Field Blank	QA/QC Sample	53.0	None	SE	Clear					
044	MW-304 Duplicate	QA/QC Sample	53.0	None	SE	Clear	Good	Good	Good	Yes	Yes
045	Equipment Blank 1	QA/QC Sample	53.0	None	SE	Clear					

Site Samping Event: Baldwin 1Q24
LIMS Workorder: 24011852
Technician(s): DC, JC, TC, BG

Groundwater Sampling Summary
Baldwin- 1Q 2024

		GW Level Measurement				Purge Activities							
WO Sample	Well ID	Sampler Initials	Date/Time	DTW (ft)	DTB (ft)	Sampler Initials	Purge Date	Purge Start Time	Purge End Time	Purging Device	Well Diameter (in)	Actual Volume Purged (L)	Purge Rate (mL/min)
001	MW-104DR	DC	2/5/24 14:17	11.76	31.50	TAC	2/5/2024	14:17	14:47	Bladder Pump	2"	7.0	233.3
002	MW-104SR	DC	2/5/24 14:57	11.62	18.00	TAC	2/5/2024	14:58	15:27	Bladder Pump	2"	5.0	172.4
003	MW-150	DC	2/7/24 10:48	19.31	27.90	TAC	2/7/2024	10:50	11:12	Bladder Pump	2"	6.0	272.7
004	MW-151	JC	2/7/24 11:05	6.58	19.00	JC	2/7/2024	11:06	11:26	Bladder Pump	2"	3.0	150.0
005	MW-152	JC	2/7/24 12:05	6.75	20.00	JC	2/7/2024	12:09	13:05	Bladder Pump	2"	12.0	214.3
006	MW-153	TAC	2/8/24 9:19	15.20	23.40	TAC	2/8/2024	09:32	09:48	Bladder Pump	2"	4.0	250.0
007	MW-154	JC	2/5/24 12:24	15.34	15.40							0.0	
008	MW-155				23.40								
009	MW-192	TAC	2/6/24 9:59	8.27	32.91	TAC	2/6/2024	10:00	10:18	Bladder Pump	2"	4.0	222.2
010	MW-193	DC	2/6/24 11:59	8.73	35.54	TAC	2/6/2024	12:00	12:28	Bladder Pump	2"	6.0	214.3
011	MW-252	JC	2/7/24 11:51	3.12	52.30	JC	2/7/2024	11:53	12:02	Submersible Pump	2"	3.0	333.3
012	MW-253	DC	2/8/24 9:52	14.76	38.20	TAC	2/8/2024	10:17	10:36	Bladder Pump	2"	3.0	157.9
013	MW-304	TAC	2/5/24 12:35	9.52	57.50	TAC	2/5/2024	12:38	12:54	Bladder Pump	2"	3.0	187.5
014	MW-306	JC	2/7/24 9:11	17.75	90.00	JC	2/7/2024	09:12	09:29	Bladder Pump	2"	2.5	147.1
015	MW-350	TAC	2/7/24 11:32	24.21	49.30	TAC	2/7/2024	11:35	11:56	Bladder Pump	2"	2.0	95.2
016	MW-352	JC	2/7/24 11:36	4.62	75.70	JC	2/7/2024	11:36	11:46	Bladder Pump	2"	2.0	200.0
017	MW-355				35.40			00:00	00:00				
018	MW-356	DC	2/7/24 9:10	4.60	68.40	TAC	2/7/2024	09:12	09:32	Bladder Pump	2"	3.0	150.0
019	MW-358	JC	2/6/24 14:37	5.80	92.14	JC	2/6/2024	14:38	15:22	Bladder Pump	2"	5.0	113.6
020	MW-366	JC	2/7/24 10:01	14.31	54.50	JC	2/7/2024	10:01	10:23	Bladder Pump	2"	3.0	136.4
021	MW-369	JC	2/6/24 10:40	12.24	68.20	JC	2/6/2024	10:40	10:52	Bladder Pump	2"	2.0	166.7
022	MW-370	JC	2/6/24 9:31	18.19	65.20	JC	2/6/2024	09:31	09:41	Bladder Pump	2"	1.5	150.0
023	MW-375	DC	2/7/24 13:02	33.91	69.50	TAC	2/7/2024	13:03	13:24	Bladder Pump	2"	4.0	190.5
024	MW-377	JC	2/7/24 13:20	6.72	58.60	JC	2/7/2024	13:21	13:33	Bladder Pump	2"	3.0	250.0
025	MW-382	JC	2/6/24 11:33	16.63	68.50	JC	2/6/2024	11:36	12:08	Bladder Pump	2"	5.0	156.3
026	MW-383	JC	2/6/24 13:54	19.70	70.30	JC	2/6/2024	13:55	14:14	Bladder Pump	2"	2.0	105.3
027	MW-384	JC	2/6/24 13:18	16.04	72.70	JC	2/6/2024	13:19	13:31	Bladder Pump	2"	2.5	208.3
028	MW-390	JC	2/6/24 12:47	8.25	67.10	JC	2/6/2024	12:48	12:58	Bladder Pump	2"	2.0	200.0
029	MW-391	JC	2/9/24 9:17	70.46	72.40	JC	2/9/2024	08:58	08:58	Bailer	2"		
030	MW-392	TAC	2/6/24 10:53	8.81	86.96	TAC	2/6/2024	10:55	11:20	Bladder Pump	2"	4.0	160.0
031	MW-393	DC	2/6/24 12:52	8.11	88.27	TAC	2/6/2024	12:53	13:15	Bladder Pump	2"	3.0	136.4
032	MW-394	DC	2/6/24 13:52	6.57	85.78	TAC	2/6/2024	13:53	14:16	Bladder Pump	2"	2.0	87.0
033	OW-156	TAC	2/7/24 10:11	7.39	20.40	TAC	2/7/2024	10:12	10:20	Bailer	2"	6.0	750.0
034	OW-157	DC	2/7/24 10:28	6.24	20.40	TAC	2/7/2024	10:28	10:35	Bailer	2"	6.0	857.1
035	OW-256	TAC	2/7/24 9:41	9.38	35.60	TAC	2/7/2024	09:43	10:06	Submersible Pump	2"	7.0	304.3

Site Samping Event: Baldwin 1Q24
LIMS Workorder: 24011852
Technician(s): DC, JC, TC, BG

Groundwater Sampling Summary
Baldwin- 1Q 2024

		GW Level Measurement				Purge Activities							
WO Sample	**Well ID**	**Sampler Initials**	**Date/Time**	**DTW (ft)**	**DTB (ft)**	**Sampler Initials**	**Purge Date**	**Purge Start Time**	**Purge End Time**	**Purging Device**	**Well Diameter (in)**	**Actual Volume Purged (L)**	**Purge Rate (mL/min)**
036	OW-257	JC	2/6/24 9:59	7.29	41.90	JC	2/6/2024	10:02	10:14	Submersible Pump	2"	2.0	166.7
037	PZ-170	JC	2/6/24 9:01	15.91	34.00	JC	2/6/2024	09:08	09:24	Submersible Pump	2"	2.0	125.0
038	PZ-182	JC	2/6/24 12:10	19.91	37.10	JC	2/6/2024	12:13	12:37	Submersible Pump	2"	6.0	250.0
039	TPZ-164				12.90			00:00	00:00				
040	XPW01	JC	2/8/24 8:43	9.86	14.53	JC	2/8/2024	08:44	09:06	Bladder Pump	2"	6.0	272.7
041	XPW05				31.15			00:00	00:00				
042	XPW06	JC	2/6/24 11:12	2.38	9.66	JC	2/6/2024	11:12	11:23	Bladder Pump	2"	2.0	181.8
043	Field Blank				-			00:00	00:00				
044	MW-304 Duplicate	TAC	2/5/24 12:35	9.52	57.50	TAC	2/5/2024	12:38	12:54	Bladder Pump	2"	3.0	187.5
045	Equipment Blank 1				-			00:00	00:00				

Site Samping Event: Baldwin 1Q24
LIMS Workorder: 24011852
Technician(s): DC, JC, TC, BG

Groundwater Sampling Summary
Baldwin- 1Q 2024

WO Sample	Well ID	Sampling Activities and Observations										
		Sampler Initials	Date	Time	Time	Sampling Method	Field Filtered	Appearance	Odor	Color	Post-Sample DTW (ft)	Drawdown (ft)
001	MW-104DR	DC	02/05/24	1447	14:47	Low Flow	Yes	Clear	None	None	12.31	0.55
002	MW-104SR	DC	02/05/24	1527	15:27	Low Flow	Yes	Clear	None	None	14.13	2.51
003	MW-150	DC	02/07/24	1112	11:12	Low Flow	Yes	Clear	None	None	19.86	0.55
004	MW-151	JC	02/07/24	1126	11:26	Low Flow	Yes	Clear	None	none	9.28	2.7
005	MW-152	JC	02/07/24	1305	13:05	Low Flow	Yes	Slightly cloudy	None	none	7.03	0.28
006	MW-153	DC	02/08/24	948	09:48	Low Flow	Yes	Clear	None	None	16.71	1.51
007	MW-154	JC	02/06/24	856	08:56							
008	MW-155											
009	MW-192	DC	02/06/24	1018	10:18	Low Flow	No	Clear	None	None	13.54	5.27
010	MW-193	DC	02/06/24	1228	12:28	Low Flow	No	Clear	None	None	9.61	0.88
011	MW-252	JC	02/07/24	1202	12:02	Low Flow	Yes	Clear	None	none	6.01	2.89
012	MW-253	DC	02/08/24	1036	10:36	Low Flow	Yes	Clear	None	None	19.83	5.07
013	MW-304	DC	02/05/24	1254	12:54	Low Flow	Yes	Clear	None	None	13.09	3.57
014	MW-306	JC	02/07/24	929	09:29	Low Flow	Yes	Clear	None	none	21.03	3.28
015	MW-350	DC	02/07/24	1156	11:56	Low Flow	Yes	Clear	Slight	None	27.74	3.53
016	MW-352	JC	02/07/24	1146	11:46	Low Flow	Yes	Clear	None	none	6.21	1.59
017	MW-355											
018	MW-356	DC	02/07/24	932	09:32	Low Flow	No	Clear	None	None	7.58	2.98
019	MW-358	JC	02/06/24	1522	15:22	Low Flow	No	Slightly cloudy	None	none	11.63	5.83
020	MW-366	JC	02/07/24	1023	10:23	Low Flow	No	Clear	None	none	17.48	3.17
021	MW-369	JC	02/06/24	1052	10:52	Low Flow	No	Clear	None	none	12.45	0.21
022	MW-370	JC	02/06/24	941	09:41	Low Flow	No	Clear	None	none	20.16	1.97
023	MW-375	DC	02/07/24	1324	13:24	Low Flow	No	Clear	None	None	39.48	5.57
024	MW-377	JC	02/07/24	1333	13:33	Low Flow	No	Clear	None	none	6.72	0
025	MW-382	JC	02/06/24	1208	12:08	Low Flow	No	Slightly cloudy	None	none	19.64	3.01
026	MW-383	JC	02/06/24	1414	14:14	Low Flow	No	Clear	None	none	22.23	2.53
027	MW-384	JC	02/06/24	1331	13:31	Low Flow	No	Clear	None	none	18.80	2.76
028	MW-390	JC	02/06/24	1258	12:58	Low Flow	No	Clear	None	none	9.95	1.7
029	MW-391	JC	02/09/24	858	08:58	Low Flow	No	Slightly cloudy	None	none	73.45	2.99
030	MW-392	DC	02/06/24	1120	11:20	Low Flow	No	Clear	Slight	None	16.36	7.55
031	MW-393	DC	02/06/24	1315	13:15	Low Flow	No	Clear	Slight	None	13.91	5.8
032	MW-394	DC	02/06/24	1416	14:16	Low Flow	No	Clear	Strong	None	9.88	3.31
033	OW-156	TAC	02/07/24	1020	10:20							
034	OW-157	TAC	02/07/24	1035	10:35							
035	OW-256	DC	02/07/24	1006	10:06	Low Flow	No	Clear	None	None	11.31	1.93

Site Samping Event: Baldwin 1Q24
LIMS Workorder: 24011852
Technician(s): DC, JC, TC, BG

Groundwater Sampling Summary
Baldwin- 1Q 2024

WO Sample	Well ID	Sampling Activities and Observations										
		Sampler Initials	Date	Time	Time	Sampling Method	Field Filtered	Appearance	Odor	Color	Post-Sample DTW (ft)	Drawdown (ft)
036	OW-257	JC	02/06/24	1014	10:14	Low Flow	No	Clear	None	none	10.61	3.32
037	PZ-170	JC	02/06/24	924	09:24	Low Flow	No	Clear	None	none	18.21	2.3
038	PZ-182	JC	02/06/24	1237	12:37	Low Flow	No	Clear	None	none	22.82	2.91
039	TPZ-164											
040	XPW01	JC	02/08/24	906	09:06	Low Flow	No	Clear	None	none	9.86	0
041	XPW05											
042	XPW06	JC	02/06/24	1123	11:23	Low Flow	No	Clear	None	none	2.38	0
043	Field Blank	JC	02/08/24	1036	10:36							
044	MW-304 Duplicate	DC	02/05/24	1254	12:54	Low Flow	Yes	Clear	None	None	13.09	3.57
045	Equipment Blank 1	JC	02/08/24	1042	10:42							

Site Samping Event: Baldwin 1Q24
LIMS Workorder: 24011852
Technician(s): DC, JC, TC, BG

Groundwater Sampling Summary
Baldwin- 1Q 2024

WO Sample	Well ID	COMMENTS
001	MW-104DR	
002	MW-104SR	
003	MW-150	
004	MW-151	
005	MW-152	
006	MW-153	
007	MW-154	Dry; no sample
008	MW-155	Unable to access (attempt in future)
009	MW-192	
010	MW-193	
011	MW-252	
012	MW-253	
013	MW-304	
014	MW-306	
015	MW-350	
016	MW-352	
017	MW-355	Unable to access (attempt in future)
018	MW-356	
019	MW-358	
020	MW-366	
021	MW-369	
022	MW-370	
023	MW-375	
024	MW-377	
025	MW-382	
026	MW-383	
027	MW-384	
028	MW-390	
029	MW-391	
030	MW-392	
031	MW-393	
032	MW-394	
033	OW-156	Stabilization data only
034	OW-157	Stabilization data only
035	OW-256	

Site Samping Event: Baldwin 1Q24
LIMS Workorder: 24011852
Technician(s): DC, JC, TC, BG

Groundwater Sampling Summary
Baldwin- 1Q 2024

WO Sample	Well ID	COMMENTS
036	OW-257	
037	PZ-170	
038	PZ-182	
039	TPZ-164	Unable to access (attempt in future)
040	XPW01	
041	XPW05	Unable to access (attempt in future)
042	XPW06	
043	Field Blank	
044	MW-304 Duplicate	
045	Equipment Blank 1	

Site Samping Event: Baldwin 1Q24
LIMS Workorder: 24011852
Technician(s): DC, JC, TC, BG

Stabilized Field Parameters Summary
Baldwin- 1Q 2024

Well ID	Date	Time	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	DTW (ft)	LIMS ID
MW-104DR	2/5/2024	14:47	15.5	59.9	6.86	951.7	0.79	4.94	78.9	11.76	24011852-001A
MW-104SR	2/5/2024	15:27	14.3	57.7	6.67	1,040.4	0.56	2.47	3.1	11.62	24011852-002A
MW-150	2/7/2024	11:12	14.1	57.4	7.00	1,723.1	2.53	0.49	51.5	19.31	24011852-003A
MW-151	2/7/2024	11:26	12.8	55.0	6.91	865.6	3.24	24.38	137.4	6.58	24011852-004A
MW-152	2/7/2024	13:05	12.7	54.9	6.70	1,449.7	0.90	46.38	143.5	6.75	24011852-005A
MW-153	2/8/2024	9:48	14.2	57.6	6.66	566.4	2.33	4.16	133.9	15.20	24011852-006A
MW-154	2/6/2024	8:56	*Dry; No Sample*							15.34	24011852-007A
MW-155	*Unable to Access*										24011852-008A
MW-192	2/6/2024	10:18	14.3	57.7	6.75	695.3	0.53	6.02	141.0	8.27	24011852-009A
MW-193	2/6/2024	12:28	15.9	60.6	6.69	863.0	1.08	7.21	58.9	8.73	24011852-010A
MW-252	2/7/2024	12:02	14.7	58.5	6.90	1,319.8	3.85	14.44	138.4	3.12	24011852-011A
MW-253	2/8/2024	10:36	14.3	57.7	11.25	729.8	0.74	22.17	31.0	14.76	24011852-012A
MW-304	2/5/2024	12:54	14.8	58.6	7.70	2,275.1	0.51	6.83	92.5	9.52	24011852-013A
MW-306	2/7/2024	9:29	13.7	56.7	10.22	440.0	1.51	13.08	7.4	17.75	24011852-014A
MW-350	2/7/2024	11:56	14.4	57.9	11.36	750.0	3.18	4.20	-28.3	24.21	24011852-015A
MW-352	2/7/2024	11:46	12.9	55.3	7.31	1,672.0	2.92	5.91	134.6	4.62	24011852-016A
MW-355	*Unable to Access*										24011852-017A
MW-356	2/7/2024	9:32	13.2	55.8	7.59	1,073.4	0.51	2.73	-34.2	4.60	24011852-018A
MW-358	2/6/2024	15:22	13.3	55.9	7.91	3,501.3	0.76	47.99	-170.2	5.80	24011852-019A
MW-366	2/7/2024	10:23	13.8	56.9	6.58	1,533.0	1.35	20.00	147.2	14.31	24011852-020A
MW-369	2/6/2024	10:52	13.8	56.8	8.06	2,232.0	2.02	24.38	54.8	12.24	24011852-021A
MW-370	2/6/2024	9:41	14.0	57.2	7.39	4,572.2	1.60	8.93	14.8	18.19	24011852-022A
MW-375	2/7/2024	13:24	14.1	57.4	7.66	1,516.2	0.48	13.97	70.1	33.91	24011852-023A
MW-377	2/7/2024	13:33	14.6	58.3	7.10	890.8	1.52	7.41	130.0	6.72	24011852-024A
MW-382	2/6/2024	12:08	14.9	58.9	7.76	1,473.4	0.96	107.56	63.6	16.63	24011852-025A
MW-383	2/6/2024	14:14	16.2	61.1	7.60	1,176.1	1.26	16.41	67.3	19.70	24011852-026A
MW-384	2/6/2024	13:31	16.4	61.5	8.05	2,211.5	1.54	12.02	45.1	16.04	24011852-027A
MW-390	2/6/2024	12:58	13.8	56.9	7.12	2,175.0	2.59	12.71	12.2	8.25	24011852-028A
MW-391	2/9/2024	8:58	14.4	58.0	7.06	3,277.6	3.76	37.44	141.6	70.46	24011852-029A
MW-392	2/6/2024	11:20	14.3	57.7	7.64	3,026.5	1.43	9.55	-7.8	8.81	24011852-030A
MW-393	2/6/2024	13:15	15.3	59.5	8.12	3,800.2	0.40	6.62	-141.5	8.11	24011852-031A
MW-394	2/6/2024	14:16	14.1	57.4	7.94	3,959.9	0.43	1.62	-263.5	6.57	24011852-032A
OW-156	2/7/2024	10:20	13.4	56.1	6.90	848.8	6.21	79.90	62.8	7.39	24011852-033A
OW-157	2/7/2024	10:35	14.2	57.6	6.49	3,228.0	4.71	61.91	89.7	6.24	24011852-034A
OW-256	2/7/2024	10:06	14.9	58.8	6.75	779.7	0.83	2.35	24.5	9.38	24011852-035A
OW-257	2/6/2024	10:14	12.1	53.7	7.20	880.8	4.64	12.52	60.8	7.29	24011852-036A
PZ-170	2/6/2024	9:24	14.4	57.9	6.50	1,271.4	1.80	19.37	-52.8	15.91	24011852-037A
PZ-182	2/6/2024	12:37	15.6	60.0	6.51	1,010.8	1.30	24.12	9.5	19.91	24011852-038A
TPZ-164	*Unable to Access*										24011852-039A
XPW01	2/8/2024	9:06	14.4	58.0	6.60	625.2	1.20	11.43	145.8	9.86	24011852-040A
XPW05	*Unable to Access*										24011852-041A
XPW06	2/6/2024	11:23	11.1	52.0	7.28	825.1	2.16	10.85	73.0	2.38	24011852-042A
Field Blank	2/8/2024	10:36	*QA/QC Sample*								24011852-043A

Site Samping Event: Baldwin 1Q24
LIMS Workorder: 24011852
Technician(s): DC, JC, TC, BG

Stabilized Field Parameters Summary
Baldwin- 1Q 2024

Well ID	Date	Time	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	DTW (ft)	LIMS ID
MW-304 Duplicate	2/5/2024	12:54	14.8	58.6	7.70	2,275.1	0.51	6.83	92.5	9.52	24011852-044A
Equipment Blank 1	2/8/2024	10:42	*QA/QC Sample*								24011852-045A

Site Samping Event: Baldwin 1Q24
LIMS Workorder: 24011852
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Baldwin- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-104DR	2/05/2024	14:38	11.76	15.5	59.9	6.87	957.2	0.98	4.84	76.0
MW-104DR	2/05/2024	14:41	11.76	15.4	59.7	6.87	955.7	0.88	4.55	76.8
MW-104DR	2/05/2024	14:44	11.76	15.4	59.7	6.86	952.9	0.82	4.89	78.0
MW-104DR	2/05/2024	14:47	11.76	15.5	59.9	6.86	951.7	0.79	4.94	78.9

Site Samping Event: Baldwin 1Q24
LIMS Workorder: 24011852
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Baldwin- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-104SR	2/05/2024	15:18	11.62	14.2	57.6	6.68	1,040.8	0.90	2.97	3.5
MW-104SR	2/05/2024	15:21	11.62	14.3	57.7	6.68	1,041.6	0.80	2.25	4.1
MW-104SR	2/05/2024	15:24	11.62	14.3	57.7	6.67	1,041.8	0.65	2.42	4.2
MW-104SR	2/05/2024	15:27	11.62	14.3	57.7	6.67	1,040.4	0.56	2.47	3.1

Site Samping Event: Baldwin 1Q24
LIMS Workorder: 24011852
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Baldwin- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-150	2/07/2024	11:00	19.31	14.0	57.2	7.02	1,720.5	1.99	3.76	41.2
MW-150	2/07/2024	11:03	19.31	14.0	57.2	7.01	1,726.9	2.60	2.75	45.6
MW-150	2/07/2024	11:06	19.31	14.1	57.4	7.00	1,727.4	2.86	1.25	48.6
MW-150	2/07/2024	11:09	19.31	14.1	57.4	7.00	1,726.1	2.75	0.67	50.5
MW-150	2/07/2024	11:12	19.31	14.1	57.4	7.00	1,723.1	2.53	0.49	51.5

Site Samping Event: Baldwin 1Q24
LIMS Workorder: 24011852
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Baldwin- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-151	2/07/2024	11:17	6.58	12.2	53.9	6.98	876.7	4.12	34.37	134.6
MW-151	2/07/2024	11:20	6.58	12.3	54.1	6.94	873.7	3.74	31.14	136.0
MW-151	2/07/2024	11:23	6.58	12.5	54.5	6.92	869.8	3.47	26.78	136.8
MW-151	2/07/2024	11:26	6.58	12.8	55.0	6.91	865.6	3.24	24.38	137.4

Site Samping Event: Baldwin 1Q24
LIMS Workorder: 24011852
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Baldwin- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-152	2/07/2024	12:44	6.75	12.5	54.5	6.70	1,454.5	1.13	109.01	144.0
MW-152	2/07/2024	12:47	6.75	12.5	54.5	6.70	1,454.4	1.09	92.48	143.9
MW-152	2/07/2024	12:50	6.75	12.6	54.6	6.70	1,453.2	1.05	80.47	143.8
MW-152	2/07/2024	12:53	6.75	12.6	54.6	6.70	1,452.9	1.02	71.69	143.8
MW-152	2/07/2024	12:56	6.75	12.6	54.6	6.70	1,451.2	0.99	58.75	143.7
MW-152	2/07/2024	12:59	6.75	12.6	54.7	6.70	1,450.9	0.96	53.70	143.6
MW-152	2/07/2024	13:02	6.75	12.7	54.8	6.70	1,449.6	0.93	47.70	143.5
MW-152	2/07/2024	13:05	6.75	12.7	54.9	6.70	1,449.7	0.90	46.38	143.5

Site Samping Event: Baldwin 1Q24
LIMS Workorder: 24011852
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Baldwin- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-153	2/08/2024	9:42	15.20	14.2	57.6	6.65	569.6	2.11	8.19	136.8
MW-153	2/08/2024	9:45	15.20	14.2	57.6	6.65	568.1	2.25	6.47	135.2
MW-153	2/08/2024	9:48	15.20	14.2	57.6	6.66	566.4	2.33	4.16	133.9

Site Samping Event: Baldwin 1Q24
LIMS Workorder: 24011852
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Baldwin- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-154	2/6/2024	8:56	15.34	*Dry; No Sample*						

Site Samping Event: Baldwin 1Q24
LIMS Workorder: 24011852
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Baldwin- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-155	*Unable to Access*									

Site Samping Event: Baldwin 1Q24
LIMS Workorder: 24011852
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Baldwin- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-192	2/06/2024	10:09	8.27	14.4	57.9	6.72	702.9	0.74	6.76	155.8
MW-192	2/06/2024	10:12	8.27	14.5	58.1	6.73	700.2	0.62	6.50	150.7
MW-192	2/06/2024	10:15	8.27	14.2	57.6	6.74	697.4	0.58	6.42	145.9
MW-192	2/06/2024	10:18	8.27	14.3	57.7	6.75	695.3	0.53	6.02	141.0

Site Samping Event: Baldwin 1Q24
LIMS Workorder: 24011852
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Baldwin- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-193	2/06/2024	12:10	8.73	15.5	59.9	6.77	871.3	1.69	12.49	65.8
MW-193	2/06/2024	12:13	8.73	15.6	60.1	6.74	868.9	1.44	11.41	64.6
MW-193	2/06/2024	12:16	8.73	15.7	60.3	6.72	868.9	1.34	9.93	63.2
MW-193	2/06/2024	12:19	8.73	15.7	60.3	6.71	867.2	1.28	19.60	61.5
MW-193	2/06/2024	12:22	8.73	15.7	60.3	6.70	865.9	1.23	9.83	60.4
MW-193	2/06/2024	12:25	8.73	15.8	60.4	6.70	864.5	1.11	8.62	59.7
MW-193	2/06/2024	12:28	8.73	15.9	60.6	6.69	863.0	1.08	7.21	58.9

Site Samping Event: Baldwin 1Q24
LIMS Workorder: 24011852
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Baldwin- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-252	2/07/2024	11:56	3.12	14.2	57.6	7.10	1,316.3	5.16	14.58	132.0
MW-252	2/07/2024	11:59	3.12	14.4	57.9	6.93	1,318.4	4.17	14.43	137.0
MW-252	2/07/2024	12:02	3.12	14.7	58.5	6.90	1,319.8	3.85	14.44	138.4

Site Samping Event: Baldwin 1Q24
LIMS Workorder: 24011852
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Baldwin- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-253	2/08/2024	10:24	14.76	14.4	57.9	11.18	711.4	1.45	16.97	38.0
MW-253	2/08/2024	10:27	14.76	14.4	57.9	11.22	723.1	1.25	22.44	34.9
MW-253	2/08/2024	10:30	14.76	14.3	57.7	11.24	727.6	0.87	26.76	33.2
MW-253	2/08/2024	10:33	14.76	14.3	57.7	11.25	729.1	0.77	29.08	32.0
MW-253	2/08/2024	10:36	14.76	14.3	57.7	11.25	729.8	0.74	22.17	31.0

Site Samping Event: Baldwin 1Q24
LIMS Workorder: 24011852
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Baldwin- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-304	2/05/2024	12:48	9.52	14.8	58.6	7.70	2,278.2	0.61	7.73	90.0
MW-304	2/05/2024	12:51	9.52	14.7	58.5	7.70	2,277.1	0.54	6.44	91.4
MW-304	2/05/2024	12:54	9.52	14.8	58.6	7.70	2,275.1	0.51	6.83	92.5

Site Samping Event: Baldwin 1Q24
LIMS Workorder: 24011852
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Baldwin- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-306	2/07/2024	9:20	17.75	13.7	56.6	10.18	483.1	2.64	12.22	23.5
MW-306	2/07/2024	9:23	17.75	13.7	56.7	10.22	468.2	2.05	12.48	14.3
MW-306	2/07/2024	9:26	17.75	13.7	56.6	10.21	454.5	1.75	17.82	10.2
MW-306	2/07/2024	9:29	17.75	13.7	56.7	10.22	440.0	1.51	13.08	7.4

Site Samping Event: Baldwin 1Q24
LIMS Workorder: 24011852
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Baldwin- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-350	2/07/2024	11:47	24.21	14.1	57.4	11.12	655.0	3.07	7.69	-18.0
MW-350	2/07/2024	11:50	24.21	14.2	57.6	11.20	682.8	3.08	6.54	-22.0
MW-350	2/07/2024	11:53	24.21	14.2	57.6	11.28	719.5	3.09	5.30	-25.6
MW-350	2/07/2024	11:56	24.21	14.4	57.9	11.36	750.0	3.18	4.20	-28.3

Site Samping Event: Baldwin 1Q24
LIMS Workorder: 24011852
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Baldwin- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-352	2/07/2024	11:40	4.62	12.4	54.3	7.32	1,648.4	4.58	5.83	139.6
MW-352	2/07/2024	11:43	4.62	12.6	54.7	7.31	1,662.7	3.78	6.19	136.8
MW-352	2/07/2024	11:46	4.62	12.9	55.3	7.31	1,672.0	2.92	5.91	134.6

Site Samping Event: Baldwin 1Q24
LIMS Workorder: 24011852
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Baldwin- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-355	*Unable to Access*									

Site Samping Event: Baldwin 1Q24
LIMS Workorder: 24011852
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Baldwin- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-356	2/07/2024	9:23	4.60	13.2	55.8	7.57	1,150.9	0.75	4.24	10.7
MW-356	2/07/2024	9:26	4.60	13.2	55.8	7.59	1,127.7	0.61	3.57	-20.7
MW-356	2/07/2024	9:29	4.60	13.2	55.8	7.60	1,099.0	0.55	3.36	-31.2
MW-356	2/07/2024	9:32	4.60	13.2	55.8	7.59	1,073.4	0.51	2.73	-34.2

Site Samping Event: Baldwin 1Q24
LIMS Workorder: 24011852
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Baldwin- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-358	2/06/2024	14:58	5.80	13.2	55.8	7.90	4,082.1	1.25	104.02	-77.5
MW-358	2/06/2024	15:01	5.80	13.2	55.8	7.91	4,031.3	1.13	85.10	-87.9
MW-358	2/06/2024	15:04	5.80	13.3	55.9	7.91	4,019.4	1.04	72.84	-97.6
MW-358	2/06/2024	15:07	5.80	13.3	55.9	7.91	3,973.7	0.97	53.08	-107.8
MW-358	2/06/2024	15:10	5.80	13.3	55.9	7.91	3,963.0	0.92	63.27	-119.3
MW-358	2/06/2024	15:13	5.80	13.2	55.8	7.91	3,968.6	0.87	54.40	-129.8
MW-358	2/06/2024	15:16	5.80	13.3	55.9	7.92	3,920.5	0.83	62.22	-141.8
MW-358	2/06/2024	15:19	5.80	13.2	55.8	7.92	3,749.6	0.79	46.79	-155.7
MW-358	2/06/2024	15:22	5.80	13.3	55.9	7.91	3,501.3	0.76	47.99	-170.2

Site Samping Event: Baldwin 1Q24
LIMS Workorder: 24011852
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Baldwin- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-366	2/07/2024	10:17	14.31	13.8	56.8	6.60	1,533.3	1.66	26.54	143.6
MW-366	2/07/2024	10:20	14.31	13.8	56.8	6.59	1,533.9	1.48	21.95	145.9
MW-366	2/07/2024	10:23	14.31	13.8	56.9	6.58	1,533.0	1.35	20.00	147.2

Site Samping Event: Baldwin 1Q24
LIMS Workorder: 24011852
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Baldwin- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-369	2/06/2024	10:43	12.24	13.6	56.5	7.31	1,083.8	6.40	8.31	74.6
MW-369	2/06/2024	10:46	12.24	13.4	56.2	7.31	2,028.0	3.79	13.16	85.2
MW-369	2/06/2024	10:49	12.24	13.6	56.4	7.78	2,301.5	2.65	23.49	69.8
MW-369	2/06/2024	10:52	12.24	13.8	56.8	8.06	2,232.0	2.02	24.38	54.8

Site Samping Event: Baldwin 1Q24
LIMS Workorder: 24011852
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Baldwin- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-370	2/06/2024	9:35	18.19	13.8	56.8	7.17	4,426.1	3.55	10.21	25.9
MW-370	2/06/2024	9:38	18.19	13.9	57.0	7.32	4,569.2	2.16	10.71	18.5
MW-370	2/06/2024	9:41	18.19	14.0	57.2	7.39	4,572.2	1.60	8.93	14.8

Site Samping Event: Baldwin 1Q24
LIMS Workorder: 24011852
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Baldwin- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-375	2/07/2024	13:15	33.91	14.1	57.4	7.61	1,609.6	0.76	14.82	73.5
MW-375	2/07/2024	13:18	33.91	14.0	57.2	7.63	1,569.6	0.60	11.53	72.1
MW-375	2/07/2024	13:21	33.91	14.0	57.2	7.65	1,538.4	0.53	14.72	71.1
MW-375	2/07/2024	13:24	33.91	14.1	57.4	7.66	1,516.2	0.48	13.97	70.1

Site Samping Event: Baldwin 1Q24
LIMS Workorder: 24011852
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Baldwin- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-377	2/07/2024	13:24	6.72	14.3	57.7	7.38	884.6	5.52	9.69	132.8
MW-377	2/07/2024	13:27	6.72	14.5	58.1	7.17	904.7	2.88	22.44	132.0
MW-377	2/07/2024	13:30	6.72	14.6	58.3	7.12	895.6	1.94	12.01	130.9
MW-377	2/07/2024	13:33	6.72	14.6	58.3	7.10	890.8	1.52	7.41	130.0

Site Samping Event: Baldwin 1Q24
LIMS Workorder: 24011852
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Baldwin- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-382	2/06/2024	11:47	16.63	14.8	58.7	7.79	1,499.7	2.14	37.91	71.6
MW-382	2/06/2024	11:50	16.63	14.8	58.6	7.78	1,469.0	1.72	30.32	69.4
MW-382	2/06/2024	11:53	16.63	14.8	58.6	7.77	1,447.3	1.46	53.68	68.1
MW-382	2/06/2024	11:56	16.63	14.9	58.8	7.75	1,436.1	1.30	83.76	67.2
MW-382	2/06/2024	11:59	16.63	14.9	58.8	7.74	1,442.0	1.18	100.97	66.6
MW-382	2/06/2024	12:02	16.63	14.9	58.8	7.74	1,449.2	1.09	108.23	65.6
MW-382	2/06/2024	12:05	16.63	14.9	58.8	7.75	1,468.1	1.02	97.18	64.8
MW-382	2/06/2024	12:08	16.63	14.9	58.9	7.76	1,473.4	0.96	107.56	63.6

Site Samping Event: Baldwin 1Q24
LIMS Workorder: 24011852
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Baldwin- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-383	2/06/2024	13:59	19.70	16.9	62.5	8.01	1,166.9	4.80	8.72	61.0
MW-383	2/06/2024	14:02	19.70	17.2	62.9	7.72	1,174.9	2.65	24.80	66.3
MW-383	2/06/2024	14:05	19.70	16.9	62.5	7.66	1,181.4	1.97	24.43	67.5
MW-383	2/06/2024	14:08	19.70	16.4	61.6	7.63	1,180.4	1.63	21.17	67.6
MW-383	2/06/2024	14:11	19.70	16.3	61.3	7.62	1,178.2	1.41	18.66	67.5
MW-383	2/06/2024	14:14	19.70	16.2	61.1	7.60	1,176.1	1.26	16.41	67.3

Site Samping Event: Baldwin 1Q24
LIMS Workorder: 24011852
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Baldwin- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-384	2/06/2024	13:22	16.04	16.4	61.5	7.76	2,148.7	4.33	21.33	63.8
MW-384	2/06/2024	13:25	16.04	16.3	61.4	7.93	2,200.8	2.65	18.76	54.8
MW-384	2/06/2024	13:28	16.04	16.4	61.6	8.02	2,211.3	1.90	14.03	48.8
MW-384	2/06/2024	13:31	16.04	16.4	61.5	8.05	2,211.5	1.54	12.02	45.1

Site Samping Event: Baldwin 1Q24
LIMS Workorder: 24011852
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Baldwin- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-390	2/06/2024	12:52	8.25	13.5	56.3	6.95	1,062.6	5.05	21.53	5.1
MW-390	2/06/2024	12:55	8.25	13.8	56.8	6.96	2,165.9	3.33	13.83	13.9
MW-390	2/06/2024	12:58	8.25	13.8	56.9	7.12	2,175.0	2.59	12.71	12.2

Site Samping Event: Baldwin 1Q24
LIMS Workorder: 24011852
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Baldwin- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-391	2/09/2024	8:57	70.46	14.4	58.0	7.04	3,276.3	3.83	36.57	142.6
MW-391	2/09/2024	8:58	70.46	14.4	58.0	7.05	3,277.0	3.79	37.14	142.1
MW-391	2/09/2024	8:58	70.46	14.4	58.0	7.06	3,277.6	3.76	37.44	141.6

Site Samping Event: Baldwin 1Q24
LIMS Workorder: 24011852
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Baldwin- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-392	2/06/2024	11:11	8.81	14.4	57.9	7.62	2,985.0	1.46	8.49	12.3
MW-392	2/06/2024	11:14	8.81	14.3	57.7	7.63	3,001.0	1.46	7.84	4.4
MW-392	2/06/2024	11:17	8.81	14.3	57.7	7.63	3,013.9	1.45	9.11	-2.0
MW-392	2/06/2024	11:20	8.81	14.3	57.7	7.64	3,026.5	1.43	9.55	-7.8

Site Samping Event: Baldwin 1Q24
LIMS Workorder: 24011852
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Baldwin- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-393	2/06/2024	13:06	8.11	15.3	59.5	8.09	3,720.6	0.56	10.14	-91.3
MW-393	2/06/2024	13:09	8.11	15.4	59.7	8.11	3,750.5	0.48	8.50	-113.9
MW-393	2/06/2024	13:12	8.11	15.4	59.7	8.11	3,777.9	0.44	6.97	-129.4
MW-393	2/06/2024	13:15	8.11	15.3	59.5	8.12	3,800.2	0.40	6.62	-141.5

Site Samping Event: Baldwin 1Q24
LIMS Workorder: 24011852
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Baldwin- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-394	2/06/2024	14:07	6.57	14.2	57.6	7.84	3,951.8	0.91	8.84	-187.9
MW-394	2/06/2024	14:10	6.57	14.1	57.4	7.88	3,978.8	0.66	5.23	-213.1
MW-394	2/06/2024	14:13	6.57	14.1	57.4	7.91	3,972.6	0.51	3.49	-237.8
MW-394	2/06/2024	14:16	6.57	14.1	57.4	7.94	3,959.9	0.43	1.62	-263.5

Site Samping Event: Baldwin 1Q24
LIMS Workorder: 24011852
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Baldwin- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
OW-156	2/07/2024	10:20	7.39	13.4	56.1	6.90	848.8	6.21	79.90	62.8

Site Samping Event: Baldwin 1Q24
LIMS Workorder: 24011852
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Baldwin- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
OW-157	2/07/2024	10:35	6.24	14.2	57.6	6.49	3,228.0	4.71	61.91	89.7

Site Samping Event: Baldwin 1Q24
LIMS Workorder: 24011852
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Baldwin- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
OW-256	2/07/2024	9:57	9.38	14.6	58.3	6.77	776.2	1.09	6.15	20.5
OW-256	2/07/2024	10:00	9.38	14.9	58.8	6.75	779.2	0.88	3.95	21.9
OW-256	2/07/2024	10:03	9.38	14.8	58.6	6.75	779.3	0.86	2.70	23.3
OW-256	2/07/2024	10:06	9.38	14.9	58.8	6.75	779.7	0.83	2.35	24.5

Site Samping Event: Baldwin 1Q24
LIMS Workorder: 24011852
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Baldwin- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
OW-257	2/06/2024	10:05	7.29	12.8	55.1	7.53	888.6	6.14	16.40	29.3
OW-257	2/06/2024	10:08	7.29	12.7	54.9	7.28	883.2	5.22	14.33	46.6
OW-257	2/06/2024	10:11	7.29	11.9	53.4	7.22	887.2	4.86	13.27	55.6
OW-257	2/06/2024	10:14	7.29	12.1	53.7	7.20	880.8	4.64	12.52	60.8

Site Samping Event: Baldwin 1Q24
LIMS Workorder: 24011852
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Baldwin- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
PZ-170	2/06/2024	9:12	15.91	14.9	58.8	6.36	1,279.4	3.28	21.48	76.1
PZ-170	2/06/2024	9:15	15.91	14.4	58.0	6.43	1,278.9	2.55	24.26	47.9
PZ-170	2/06/2024	9:18	15.91	14.3	57.8	6.47	1,279.9	2.20	23.17	9.8
PZ-170	2/06/2024	9:21	15.91	14.0	57.2	6.49	1,279.9	1.97	21.34	-27.1
PZ-170	2/06/2024	9:24	15.91	14.4	57.9	6.50	1,271.4	1.80	19.37	-52.8

Site Samping Event: Baldwin 1Q24
LIMS Workorder: 24011852
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Baldwin- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
PZ-182	2/06/2024	12:25	19.91	15.8	60.4	6.54	992.2	1.42	51.62	-17.3
PZ-182	2/06/2024	12:28	19.91	16.3	61.4	6.63	13.5	3.71	52.82	-4.4
PZ-182	2/06/2024	12:31	19.91	15.2	59.4	6.61	998.8	3.39	38.59	14.0
PZ-182	2/06/2024	12:34	19.91	15.5	59.9	6.52	1,006.7	1.72	26.67	10.5
PZ-182	2/06/2024	12:37	19.91	15.6	60.0	6.51	1,010.8	1.30	24.12	9.5

Site Samping Event: Baldwin 1Q24
LIMS Workorder: 24011852
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Baldwin- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
TPZ-164	*Unable to Access*									

Site Samping Event: Baldwin 1Q24
LIMS Workorder: 24011852
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Baldwin- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
XPW01	2/08/2024	9:00	9.86	14.4	58.0	6.53	625.0	1.47	20.70	146.3
XPW01	2/08/2024	9:03	9.86	14.4	58.0	6.57	625.0	1.32	12.93	146.1
XPW01	2/08/2024	9:06	9.86	14.4	58.0	6.60	625.2	1.20	11.43	145.8

Site Samping Event: Baldwin 1Q24
LIMS Workorder: 24011852
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Baldwin- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
XPW05	*Unable to Access*									

Site Samping Event: Baldwin 1Q24
LIMS Workorder: 24011852
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Baldwin- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
XPW06	2/06/2024	11:17	2.38	11.1	51.9	7.58	813.2	3.68	32.96	57.4
XPW06	2/06/2024	11:20	2.38	11.1	51.9	7.38	812.0	2.65	14.67	67.3
XPW06	2/06/2024	11:23	2.38	11.1	52.0	7.28	825.1	2.16	10.85	73.0

Site Samping Event: Baldwin 1Q24
LIMS Workorder: 24011852
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Baldwin- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
Field Blank	2/08/2024	10:36	*QA/QC Sample*							

Site Samping Event: Baldwin 1Q24
LIMS Workorder: 24011852
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Baldwin- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-304 Duplicate	2/05/2024	12:48	9.52	14.8	58.6	7.70	2,278.2	0.61	7.73	90.0
MW-304 Duplicate	2/05/2024	12:51	9.52	14.7	58.5	7.70	2,277.1	0.54	6.44	91.4
MW-304 Duplicate	2/05/2024	12:54	9.52	14.8	58.6	7.70	2,275.1	0.51	6.83	92.5

Site Samping Event: Baldwin 1Q24
LIMS Workorder: 24011852
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Baldwin- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
Equipment Blank	2/08/2024	10:42	*QA/QC Sample*							

Site Samping Event: Baldwin 1Q24
LIMS Workorder: 24011852
Technician(s): DC, JC, TC, BG

Field Calibration Log(s)
Baldwin- 1Q 2024

Field Temp SOP 1156 - SM 2550 B
Field pH SOP 1152 - SW-846 9040B - SM 4500-H B
Field Cond. SOP 1155 - SW-846 9050A - SM 2510 B

Field Meter ID: Pine 45720 Technician(s): justin colp Date: 2/6/2024

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	wc230830b	4.01	2/6/24 8:11
7.0 Buffer	wc230616f	7.02	2/6/24 8:04
10.0 Buffer	wc231027d	10.01	2/6/24 8:17
LCS/CCV (7.0 Buffer)	wc231207a		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	95009	1413	2/6/24 8:22

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	1.8	2/6/24 8:26
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	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	ORP mV	D.O. %	Comments
LCS	2/6/24 8:29	15.2	7.02	1,416	1.9			
CCV (Midday)	2/6/24 13:34	17	7.03	1,431		-	-	
CCV	2/6/24 15:25	17.56	7.03	1,438				

Field Meter ID: Pine 45720 Technician(s): justin colp Date: 2/7/2024

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	wc230830b	4.00	2/7/24 8:02
7.0 Buffer	wc230616f	7.01	2/7/24 7:58
10.0 Buffer	wc231027d	10.01	2/7/24 8:07
LCS/CCV (7.0 Buffer)	wc231207a		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	95009	1414	2/7/24 8:12

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	1.83	2/7/24 8:14
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	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	ORP mV	D.O. %	Comments
LCS	2/7/24 8:16	13.4	7.01	1,414				
CCV (Midday)	2/7/24 12:56	17.4	7.01	1,422	-	-	-	
CCV	2/7/24 14:13	18.17	7.03	1,451				

Site Samping Event: Baldwin 1Q24
LIMS Workorder: 24011852
Technician(s): DC, JC, TC, BG

Field Calibration Log(s)
Baldwin- 1Q 2024

Field Temp SOP 1156 - SM 2550 B
Field pH SOP 1152 - SW-846 9040B - SM 4500-H B
Field Cond. SOP 1155 - SW-846 9050A - SM 2510 B

Field Meter ID: Pine 45720 Technician(s): justin colp Date: 2/8/2024

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	wc230830b	4.00	2/8/24 8:28
7.0 Buffer	wc230616f	7.01	2/8/24 8:25
10.0 Buffer	wc231027d	10.00	2/8/24 8:33
LCS/CCV (7.0 Buffer)	wc231207a		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	95009	1418	2/8/24 8:38

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	1.89	2/8/24 8:40
124 NTU	95834		

ORP Standard	LIMS ID/Lot#	Reading	Date/Time

D.O. Saturation	LIMS ID/Lot#	Reading	Date/Time
100%	N/A		

Sample ID	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	ORP mV	D.O. %	Comments
LCS	2/8/24 8:43	14.2	7.02	1,421	1.9			
CCV (Midday)					-	-	-	
CCV	2/8/24 10:53	17.3	7.02	1,432	1.94			

Field Meter ID: Pine 45720 Technician(s): justin colp Date: 2/92024

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	wc230830b	4.01	2/9/24 8:27
7.0 Buffer	wc230616f	7.02	2/9/24 8:25
10.0 Buffer	wc231027d	10.01	2/9/24 8:30
LCS/CCV (7.0 Buffer)	wc231207a		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	95009	1413	2/9/24 8:35

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	2.02	2/9/24 8:37
124 NTU	95834		

ORP Standard	LIMS ID/Lot#	Reading	Date/Time

D.O. Saturation	LIMS ID/Lot#	Reading	Date/Time
100%	N/A		

Sample ID	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	ORP mV	D.O. %	Comments
LCS	2/9/24 8:39	15.1	7.02	1,417	2.03			
CCV (Midday)					-	-	-	
CCV	2/9/24 9:19	15.3	7.02	1,420	2.03			

Site Samping Event: Baldwin 1Q24
LIMS Workorder: 24011852
Technician(s): DC, JC, TC, BG

Field Calibration Log(s)
Baldwin- 1Q 2024

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 45600 Technician(s): Tracy Carroll/ Danny Crump Date: 2/5/2024

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	WC230830D	4.00	2/5/24 12:13
7.0 Buffer	WC230616F	7.00	2/5/24 12:16
10.0 Buffer	WC231027D	10.00	2/5/24 12:18
LCS/CCV (7.0 Buffer)	WC231207A		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	95009	1412	2/5/24 12:21

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	0	2/5/24 12:26
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	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	ORP mV	D.O. %	Comments
LCS	2/5/24 12:23	18.1	7.08	1,405	0.16			
CCV (Midday)					-	-	-	
CCV	2/5/24 15:38	20.1	7.01	1,420	0.21			

Field Meter ID: Pine 45600 Technician(s): Tracy Carroll/ Danny Crump Date: 2/6/2024

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	WC230830D	4.00	2/6/24 9:40
7.0 Buffer	WC230616F	7.00	2/6/24 9:43
10.0 Buffer	WC231027D	10.00	2/6/24 9:45
LCS/CCV (7.0 Buffer)	WC231207A		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	95009	1412	2/6/24 9:48

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	0.36	2/6/24 9:49
124 NTU	95834		

ORP Standard	LIMS ID/Lot#	Reading	Date/Time

D.O. Saturation	LIMS ID/Lot#	Reading	Date/Time
100%	N/A		

Sample ID	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	ORP mV	D.O. %	Comments
LCS	2/6/24 9:55	11.5	7.09	1,412	0.36			
CCV (Midday)	2/6/24 12:19	14.5	7.08	1,413	-	-	-	
CCV	2/6/24 15:04	19.5	7.09	1,440	0.71			

Site Samping Event: Baldwin 1Q24
LIMS Workorder: 24011852
Technician(s): DC, JC, TC, BG

Field Calibration Log(s)
Baldwin- 1Q 2024

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 45600 Technician(s): Tracy Carroll/ Danny Crump Date: 2/7/2024

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	WC230830D	4.00	2/7/24 8:51
7.0 Buffer	WC230616F	7.00	2/7/24 8:54
10.0 Buffer	WC231027D	10.00	2/7/24 8:55
LCS/CCV (7.0 Buffer)	WC231207A		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	95009	1412	2/7/24 8:59

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	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	ORP mV	D.O. %	Comments
LCS	2/7/24 9:06	9.5	7.09	1,411	0.1			
CCV (Midday)	2/7/24 12:52	15.8	7.02	1,440	-	-	-	
CCV	2/7/24 14:13	17.7	7.06	1,428	0.92			

Field Meter ID: Pine 45600 Technician(s): Tracy Carroll/Danny Crump Date: 2/8/2024

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	WC230830D	4.00	2/8/24 9:11
7.0 Buffer	WC230616F	7.00	2/8/24 9:13
10.0 Buffer	WC231027D	10.00	2/8/24 9:15
LCS/CCV (7.0 Buffer)	WC231207A		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	95009	1412	2/8/24 9:19

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	0.11	2/8/24 9:22
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	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	ORP mV	D.O. %	Comments
LCS	2/8/24 9:26	12.1	7.09	1,411	0.12			
CCV (Midday)	2/8/24 13:02	15.4	7.05	1,416	-	-	-	
CCV	2/8/24 16:37	17.3	7.03	1,428	0.22			

Teklab, Inc.
Environmental Laboratory

http://www.teklabinc.com/

May 17, 2024

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

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

RE: BAL-24Q2 **WorkOrder:** 24040437

Dear Eric Bauer:

TEKLAB, INC received 18 samples for BAL_257_605 on 4/18/2024 3:30:00 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
Client Project: BAL-24Q2

Work Order: 24040437
Report Date: 17-May-24

This reporting package includes the following:

Cover Letter	1
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Receiving Check List	85
Chain of Custody	Appended

Definitions

Client: Ramboll **Work Order:** 24040437

Client Project: BAL-24Q2 **Report Date:** 17-May-24

Abbr Definition

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

Definitions

Client: Ramboll **Work Order:** 24040437

Client Project: BAL-24Q2 **Report Date:** 17-May-24

Qualifiers

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

Case Narrative

Client: Ramboll
Work Order: 24040437
Client Project: BAL-24Q2
Report Date: 17-May-24

Cooler Receipt Temp: 18.7 °C

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

Per Chase Christenson, cancel sampling of MW-253, MW-306, and MW-350. EAH 4/17/24

MW-391 could not be collected; the well was dry. PS/EAH 4/19/24

Per Eric Bauer's request, only BAL_257_605 data is included in this report. EAH 5/17/24

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:** 24040437

Client Project: BAL-24Q2 **Report Date:** 17-May-24

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

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24040437

Client Project: BAL-24Q2 **Report Date:** 17-May-24

Lab ID: 24040437-003 **Client Sample ID:** MW-150

Matrix: GROUNDWATER **Collection Date:** 04/17/2024 11:44

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**18.86**	ft	1	04/17/2024 11:44	R346175
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**2.0**	NTU	1	04/17/2024 11:44	R346175
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		**-19**	mV	1	04/17/2024 11:44	R346175
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**1570**	µS/cm	1	04/17/2024 11:44	R346175
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**14.5**	°C	1	04/17/2024 11:44	R346175
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**2.37**	mg/L	1	04/17/2024 11:44	R346175
SW-846 9040B FIELD									
pH	*	0	1.00		**7.05**		1	04/17/2024 11:44	R346175
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**335**	mg/L	1	04/19/2024 15:37	R345998
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	04/19/2024 15:37	R345998
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		**1660**	mg/L	1	04/18/2024 12:15	R346011
SW-846 9036 (TOTAL)									
Sulfate	NELAP	307	500		**897**	mg/L	50	04/19/2024 20:29	R346075
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**0.68**	mg/L	1	04/25/2024 11:51	R346326
SW-846 9251 (TOTAL)									
Chloride	NELAP	2	20		**51**	mg/L	5	04/19/2024 20:23	R346082
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100	S	**193**	mg/L	1	04/19/2024 18:53	221509
Magnesium	NELAP	0.0250	0.0500	S	**151**	mg/L	1	04/19/2024 18:53	221509
Potassium	NELAP	0.0400	0.100		**0.859**	mg/L	1	04/19/2024 18:53	221509
Sodium	NELAP	0.0180	0.0500	S	**102**	mg/L	1	04/19/2024 18:53	221509
Matrix spike control limits are not applicable due to high sample/spike ratio.									
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		**< 0.0010**	mg/L	5	04/20/2024 17:23	221509
Arsenic	NELAP	0.0004	0.0010		**< 0.0010**	mg/L	5	04/20/2024 17:23	221509
Barium	NELAP	0.0007	0.0010		**0.0160**	mg/L	5	04/20/2024 17:23	221509
Beryllium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	04/20/2024 17:23	221509
Boron	NELAP	0.0092	0.0250	S	**3.49**	mg/L	5	04/20/2024 17:23	221509
Cadmium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	04/20/2024 17:23	221509
Chromium	NELAP	0.0007	0.0015	J	**0.0007**	mg/L	5	04/20/2024 17:23	221509
Cobalt	NELAP	0.0001	0.0010		**< 0.0010**	mg/L	5	04/20/2024 17:23	221509
Lead	NELAP	0.0006	0.0010	J	**0.0009**	mg/L	5	04/25/2024 19:56	221509
Lithium	*	0.0015	0.0030		**0.0543**	mg/L	5	04/20/2024 17:23	221509
Molybdenum	NELAP	0.0006	0.0015	J	**0.0012**	mg/L	5	04/20/2024 17:23	221509
Selenium	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	04/20/2024 17:23	221509
Thallium	NELAP	0.0010	0.0020		**< 0.0020**	mg/L	5	04/20/2024 17:23	221509
Matrix spike control limits are not applicable due to high sample/spike ratio.									

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24040437

Client Project: BAL-24Q2 **Report Date:** 17-May-24

Lab ID: 24040437-003 **Client Sample ID:** MW-150

Matrix: GROUNDWATER **Collection Date:** 04/17/2024 11:44

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020	J	**0.00008**	mg/L	1	04/19/2024 9:29	221655

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24040437

Client Project: BAL-24Q2 **Report Date:** 17-May-24

Lab ID: 24040437-004 **Client Sample ID:** MW-151

Matrix: GROUNDWATER **Collection Date:** 04/18/2024 11:45

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**6.66**	ft	1	04/18/2024 11:45	R346175
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**14**	NTU	1	04/18/2024 11:45	R346175
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		**54**	mV	1	04/18/2024 11:45	R346175
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**1060**	µS/cm	1	04/18/2024 11:45	R346175
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**15.9**	°C	1	04/18/2024 11:45	R346175
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**0.83**	mg/L	1	04/18/2024 11:45	R346175
SW-846 9040B FIELD									
pH	*	0	1.00		**6.80**		1	04/18/2024 11:45	R346175
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**426**	mg/L	1	04/19/2024 15:44	R345998
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	04/19/2024 15:44	R345998
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		**608**	mg/L	1	04/23/2024 10:32	R346231
SW-846 9036 (TOTAL)									
Sulfate	NELAP	31	50	S	**101**	mg/L	5	04/19/2024 20:34	R346075
Matrix spike did not recover within control limits. Results verified by dilution.									
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**0.49**	mg/L	1	04/25/2024 13:23	R346326
SW-846 9251 (TOTAL)									
Chloride	NELAP	2	20		**41**	mg/L	5	04/19/2024 20:34	R346082
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		**118**	mg/L	1	04/22/2024 10:57	221725
Magnesium	NELAP	0.0055	0.0500		**45.8**	mg/L	1	04/22/2024 10:57	221725
Potassium	NELAP	0.0400	0.100		**1.00**	mg/L	1	04/22/2024 10:57	221725
Sodium	NELAP	0.0180	0.0500		**64.2**	mg/L	1	04/22/2024 10:57	221725
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		**< 0.0010**	mg/L	5	04/24/2024 12:42	221725
Arsenic	NELAP	0.0004	0.0010	J	**0.0005**	mg/L	5	04/23/2024 2:06	221725
Barium	NELAP	0.0007	0.0010		**0.0703**	mg/L	5	04/23/2024 2:06	221725
Beryllium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	04/23/2024 2:06	221725
Boron	NELAP	0.0092	0.0250		**1.00**	mg/L	5	04/23/2024 2:06	221725
Cadmium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	04/23/2024 2:06	221725
Chromium	NELAP	0.0007	0.0015	J	**0.0012**	mg/L	5	04/23/2024 11:56	221725
Cobalt	NELAP	0.0001	0.0010	J	**0.0009**	mg/L	5	04/23/2024 2:06	221725
Lead	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	04/23/2024 2:06	221725
Lithium	*	0.0015	0.0030		**0.0291**	mg/L	5	04/23/2024 2:06	221725
Molybdenum	NELAP	0.0006	0.0015	J	**0.0007**	mg/L	5	04/23/2024 2:06	221725
Selenium	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	04/23/2024 11:56	221725
Thallium	NELAP	0.0010	0.0020		**< 0.0020**	mg/L	5	04/23/2024 2:06	221725

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24040437

Client Project: BAL-24Q2 **Report Date:** 17-May-24

Lab ID: 24040437-004 **Client Sample ID:** MW-151

Matrix: GROUNDWATER **Collection Date:** 04/18/2024 11:45

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		**< 0.00020**	mg/L	1	04/23/2024 16:50	221711

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24040437

Client Project: BAL-24Q2 **Report Date:** 17-May-24

Lab ID: 24040437-005 **Client Sample ID:** MW-152

Matrix: GROUNDWATER **Collection Date:** 04/18/2024 10:41

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**6.23**	ft	1	04/18/2024 10:41	R346175
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**25**	NTU	1	04/18/2024 10:41	R346175
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		**96**	mV	1	04/18/2024 10:41	R346175
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**1400**	µS/cm	1	04/18/2024 10:41	R346175
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**14.1**	°C	1	04/18/2024 10:41	R346175
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**0.73**	mg/L	1	04/18/2024 10:41	R346175
SW-846 9040B FIELD									
pH	*	0	1.00		**6.72**		1	04/18/2024 10:41	R346175
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**406**	mg/L	1	04/19/2024 16:30	R346073
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	04/19/2024 16:30	R346073
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		**924**	mg/L	1	04/23/2024 10:32	R346231
SW-846 9036 (TOTAL)									
Sulfate	NELAP	307	500		**966**	mg/L	50	04/19/2024 21:17	R346075
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**0.24**	mg/L	1	04/25/2024 13:32	R346326
SW-846 9251 (TOTAL)									
Chloride	NELAP	1	8		**12**	mg/L	2	04/19/2024 21:11	R346082
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		**146**	mg/L	1	04/22/2024 17:23	221725
Magnesium	NELAP	0.0055	0.0500		**64.6**	mg/L	1	04/22/2024 17:23	221725
Potassium	NELAP	0.0400	0.100		**1.14**	mg/L	1	04/22/2024 17:23	221725
Sodium	NELAP	0.0180	0.0500		**114**	mg/L	1	04/22/2024 17:23	221725
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		**< 0.0010**	mg/L	5	04/24/2024 12:48	221725
Arsenic	NELAP	0.0004	0.0010		**0.0016**	mg/L	5	04/23/2024 2:12	221725
Barium	NELAP	0.0007	0.0010		**0.0282**	mg/L	5	04/23/2024 2:12	221725
Beryllium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	04/23/2024 2:12	221725
Boron	NELAP	0.0092	0.0250		**1.12**	mg/L	5	04/23/2024 2:12	221725
Cadmium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	04/23/2024 2:12	221725
Chromium	NELAP	0.0007	0.0015		**0.0038**	mg/L	5	04/23/2024 12:01	221725
Cobalt	NELAP	0.0001	0.0010		**0.0017**	mg/L	5	04/23/2024 2:12	221725
Lead	NELAP	0.0006	0.0010		**0.0063**	mg/L	5	04/23/2024 2:12	221725
Lithium	*	0.0015	0.0030		**0.0147**	mg/L	5	04/23/2024 2:12	221725
Molybdenum	NELAP	0.0006	0.0015	J	**0.0008**	mg/L	5	04/23/2024 2:12	221725
Selenium	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	04/23/2024 12:01	221725
Thallium	NELAP	0.0010	0.0020		**< 0.0020**	mg/L	5	04/23/2024 2:12	221725

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24040437

Client Project: BAL-24Q2 **Report Date:** 17-May-24

Lab ID: 24040437-005 **Client Sample ID:** MW-152

Matrix: GROUNDWATER **Collection Date:** 04/18/2024 10:41

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		**< 0.00020**	mg/L	1	04/24/2024 17:09	221711

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24040437

Client Project: BAL-24Q2 **Report Date:** 17-May-24

Lab ID: 24040437-006 **Client Sample ID:** MW-153

Matrix: GROUNDWATER **Collection Date:** 04/18/2024 10:47

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**13.43**	ft	1	04/18/2024 10:47	R346175
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**24**	NTU	1	04/18/2024 10:47	R346175
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		**29**	mV	1	04/18/2024 10:47	R346175
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**626**	µS/cm	1	04/18/2024 10:47	R346175
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**15.3**	°C	1	04/18/2024 10:47	R346175
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**1.87**	mg/L	1	04/18/2024 10:47	R346175
SW-846 9040B FIELD									
pH	*	0	1.00		**6.87**		1	04/18/2024 10:47	R346175
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**204**	mg/L	1	04/19/2024 16:38	R346073
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	04/19/2024 16:38	R346073
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		**380**	mg/L	1	04/23/2024 10:32	R346231
SW-846 9036 (TOTAL)									
Sulfate	NELAP	12	20		**63**	mg/L	2	04/19/2024 21:33	R346075
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**0.38**	mg/L	1	04/25/2024 13:25	R346326
SW-846 9251 (TOTAL)									
Chloride	NELAP	1	4		**19**	mg/L	1	04/19/2024 21:22	R346082
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		**53.8**	mg/L	1	04/22/2024 17:25	221725
Magnesium	NELAP	0.0055	0.0500		**22.4**	mg/L	1	04/22/2024 17:25	221725
Potassium	NELAP	0.0400	0.100		**0.193**	mg/L	1	04/22/2024 17:25	221725
Sodium	NELAP	0.0180	0.0500		**51.1**	mg/L	1	04/22/2024 17:25	221725
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010	BJ	**0.0007**	mg/L	5	04/23/2024 12:06	221725
Arsenic	NELAP	0.0004	0.0010		**< 0.0010**	mg/L	5	04/23/2024 2:18	221725
Barium	NELAP	0.0007	0.0010		**0.0434**	mg/L	5	04/23/2024 2:18	221725
Beryllium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	04/23/2024 2:18	221725
Boron	NELAP	0.0092	0.0250		**0.0287**	mg/L	5	04/23/2024 2:18	221725
Cadmium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	04/23/2024 2:18	221725
Chromium	NELAP	0.0007	0.0015	J	**0.0007**	mg/L	5	04/23/2024 12:06	221725
Cobalt	NELAP	0.0001	0.0010		**< 0.0010**	mg/L	5	04/23/2024 2:18	221725
Lead	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	04/23/2024 2:18	221725
Lithium	*	0.0015	0.0030		**0.0047**	mg/L	5	04/23/2024 2:18	221725
Molybdenum	NELAP	0.0006	0.0015		**< 0.0015**	mg/L	5	04/23/2024 2:18	221725
Selenium	NELAP	0.0006	0.0010		**0.0023**	mg/L	5	04/23/2024 12:06	221725
Thallium	NELAP	0.0010	0.0020		**< 0.0020**	mg/L	5	04/23/2024 2:18	221725

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

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24040437

Client Project: BAL-24Q2 **Report Date:** 17-May-24

Lab ID: 24040437-006 **Client Sample ID:** MW-153

Matrix: GROUNDWATER **Collection Date:** 04/18/2024 10:47

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		**< 0.00020**	mg/L	1	04/23/2024 16:55	221711

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24040437

Client Project: BAL-24Q2 **Report Date:** 17-May-24

Lab ID: 24040437-011 **Client Sample ID:** MW-252

Matrix: GROUNDWATER **Collection Date:** 04/18/2024 10:58

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**4.40**	ft	1	04/18/2024 10:58	R346175
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**23**	NTU	1	04/18/2024 10:58	R346175
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		**79**	mV	1	04/18/2024 10:58	R346175
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**1690**	µS/cm	1	04/18/2024 10:58	R346175
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**17.9**	°C	1	04/18/2024 10:58	R346175
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**0.74**	mg/L	1	04/18/2024 10:58	R346175
SW-846 9040B FIELD									
pH	*	0	1.00		**6.79**		1	04/18/2024 10:58	R346175
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**469**	mg/L	1	04/19/2024 16:44	R346073
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	04/19/2024 16:44	R346073
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		**1210**	mg/L	1	04/23/2024 10:33	R346231
SW-846 9036 (TOTAL)									
Sulfate	NELAP	123	200		**464**	mg/L	20	04/23/2024 12:42	R346241
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**0.22**	mg/L	1	04/25/2024 13:08	R346326
SW-846 9251 (TOTAL)									
Chloride	NELAP	1	4		**36**	mg/L	1	04/19/2024 21:43	R346082
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100	S	**209**	mg/L	1	04/22/2024 17:11	221725
Magnesium	NELAP	0.0055	0.0500	S	**84.7**	mg/L	1	04/22/2024 17:11	221725
Potassium	NELAP	0.0400	0.100		**1.82**	mg/L	1	04/22/2024 17:11	221725
Sodium	NELAP	0.0180	0.0500	S	**97.1**	mg/L	1	04/22/2024 17:11	221725
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		**0.0020**	mg/L	5	04/24/2024 14:19	221725
Arsenic	NELAP	0.0004	0.0010	J	**0.0009**	mg/L	5	04/23/2024 2:43	221725
Barium	NELAP	0.0007	0.0010		**0.0391**	mg/L	5	04/23/2024 2:43	221725
Beryllium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	04/23/2024 2:43	221725
Boron	NELAP	0.0092	0.0250		**0.208**	mg/L	5	04/23/2024 2:43	221725
Cadmium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	04/23/2024 2:43	221725
Chromium	NELAP	0.0007	0.0015	J	**0.0010**	mg/L	5	04/23/2024 12:32	221725
Cobalt	NELAP	0.0001	0.0010		**0.0016**	mg/L	5	04/23/2024 2:43	221725
Lead	NELAP	0.0006	0.0010	J	**0.0008**	mg/L	5	04/23/2024 2:43	221725
Lithium	*	0.0015	0.0030		**0.0188**	mg/L	5	04/23/2024 2:43	221725
Molybdenum	NELAP	0.0006	0.0015	J	**0.0010**	mg/L	5	04/23/2024 2:43	221725
Selenium	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	04/23/2024 12:32	221725
Thallium	NELAP	0.0010	0.0020		**< 0.0020**	mg/L	5	04/23/2024 2:43	221725

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24040437

Client Project: BAL-24Q2 **Report Date:** 17-May-24

Lab ID: 24040437-011 **Client Sample ID:** MW-252

Matrix: GROUNDWATER **Collection Date:** 04/18/2024 10:58

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020	J	**0.00006**	mg/L	1	04/23/2024 16:58	221711

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24040437

Client Project: BAL-24Q2 **Report Date:** 17-May-24

Lab ID: 24040437-013 **Client Sample ID:** MW-304

Matrix: GROUNDWATER **Collection Date:** 04/16/2024 11:30

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**9.21**	ft	1	04/16/2024 11:30	R346175
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**7.1**	NTU	1	04/16/2024 11:30	R346175
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		**44**	mV	1	04/16/2024 11:30	R346175
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**2460**	µS/cm	1	04/16/2024 11:30	R346175
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**17.3**	°C	1	04/16/2024 11:30	R346175
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**0.21**	mg/L	1	04/16/2024 11:30	R346175
SW-846 9040B FIELD									
pH	*	0	1.00		**7.81**		1	04/16/2024 11:30	R346175
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**805**	mg/L	1	04/19/2024 10:51	R345998
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	04/19/2024 10:51	R345998
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	40	50		**1340**	mg/L	2.5	04/17/2024 8:19	R345963
SW-846 9036 (TOTAL)									
Sulfate	NELAP	61	100		**195**	mg/L	10	04/18/2024 16:21	R345984
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**1.69**	mg/L	1	04/25/2024 11:53	R346326
SW-846 9251 (TOTAL)									
Chloride	NELAP	5	40		**161**	mg/L	10	04/18/2024 16:21	R345964
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	3.50	10.0		**13.0**	mg/L	100	04/19/2024 18:07	221556
Magnesium	NELAP	0.0055	0.0500		**4.78**	mg/L	1	04/18/2024 17:38	221556
Potassium	NELAP	0.0400	0.100		**2.48**	mg/L	1	04/18/2024 17:38	221556
Sodium	NELAP	1.80	5.00		**613**	mg/L	100	04/19/2024 18:07	221556
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010	J	**0.0005**	mg/L	5	04/23/2024 17:29	221556
Arsenic	NELAP	0.0004	0.0010		**0.0028**	mg/L	5	04/20/2024 7:19	221556
Barium	NELAP	0.0007	0.0010		**0.0199**	mg/L	5	04/20/2024 7:19	221556
Beryllium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	04/22/2024 20:36	221556
Boron	NELAP	0.0092	0.0250		**1.70**	mg/L	5	04/22/2024 20:36	221556
Cadmium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	04/20/2024 7:19	221556
Chromium	NELAP	0.0007	0.0015		**< 0.0015**	mg/L	5	04/23/2024 17:29	221556
Cobalt	NELAP	0.0001	0.0010		**< 0.0010**	mg/L	5	04/20/2024 7:19	221556
Lead	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	04/20/2024 7:19	221556
Lithium	*	0.0015	0.0030		**0.0823**	mg/L	5	04/22/2024 20:36	221556
Molybdenum	NELAP	0.0007	0.0015	J	**0.0008**	mg/L	5	04/20/2024 7:19	221556
Selenium	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	04/20/2024 7:19	221556
Thallium	NELAP	0.0010	0.0020		**< 0.0020**	mg/L	5	04/20/2024 7:19	221556

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24040437

Client Project: BAL-24Q2 **Report Date:** 17-May-24

Lab ID: 24040437-013 **Client Sample ID:** MW-304

Matrix: GROUNDWATER **Collection Date:** 04/16/2024 11:30

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		**< 0.00020**	mg/L	1	04/19/2024 9:36	221655

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24040437

Client Project: BAL-24Q2 **Report Date:** 17-May-24

Lab ID: 24040437-016 **Client Sample ID:** MW-352

Matrix: GROUNDWATER **Collection Date:** 04/18/2024 11:20

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**3.55**	ft	1	04/18/2024 11:20	R346175
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**2.6**	NTU	1	04/18/2024 11:20	R346175
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		**-94**	mV	1	04/18/2024 11:20	R346175
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**2190**	µS/cm	1	04/18/2024 11:20	R346175
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**17.0**	°C	1	04/18/2024 11:20	R346175
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**2.90**	mg/L	1	04/18/2024 11:20	R346175
SW-846 9040B FIELD									
pH	*	0	1.00		**7.41**		1	04/18/2024 11:20	R346175
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**90**	mg/L	1	04/19/2024 16:52	R346073
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	04/19/2024 16:52	R346073
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		**1430**	mg/L	1	04/23/2024 10:33	R346231
SW-846 9036 (TOTAL)									
Sulfate	NELAP	6	10		**< 10**	mg/L	1	04/19/2024 22:05	R346075
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**1.44**	mg/L	1	04/25/2024 13:26	R346326
SW-846 9251 (TOTAL)									
Chloride	NELAP	10	80		**535**	mg/L	20	04/19/2024 22:10	R346082
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		**99.2**	mg/L	1	04/22/2024 17:26	221725
Magnesium	NELAP	0.0055	0.0500		**48.6**	mg/L	1	04/22/2024 17:26	221725
Potassium	NELAP	0.0400	0.100		**3.88**	mg/L	1	04/22/2024 17:26	221725
Sodium	NELAP	0.0180	0.0500		**246**	mg/L	1	04/22/2024 17:26	221725
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010	BJ	**0.0006**	mg/L	5	04/23/2024 12:11	221725
Arsenic	NELAP	0.0004	0.0010		**< 0.0010**	mg/L	5	04/23/2024 2:25	221725
Barium	NELAP	0.0007	0.0010		**0.124**	mg/L	5	04/23/2024 2:25	221725
Beryllium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	04/23/2024 2:25	221725
Boron	NELAP	0.0092	0.0250		**2.85**	mg/L	5	04/23/2024 2:25	221725
Cadmium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	04/23/2024 2:25	221725
Chromium	NELAP	0.0007	0.0015		**< 0.0015**	mg/L	5	04/23/2024 12:11	221725
Cobalt	NELAP	0.0001	0.0010		**< 0.0010**	mg/L	5	04/23/2024 2:25	221725
Lead	NELAP	0.0006	0.0010	J	**0.0007**	mg/L	5	04/23/2024 2:25	221725
Lithium	*	0.0015	0.0030		**0.125**	mg/L	5	04/23/2024 2:25	221725
Molybdenum	NELAP	0.0006	0.0015		**< 0.0015**	mg/L	5	04/23/2024 2:25	221725
Selenium	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	04/23/2024 12:11	221725
Thallium	NELAP	0.0010	0.0020		**< 0.0020**	mg/L	5	04/23/2024 2:25	221725

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

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24040437

Client Project: BAL-24Q2 **Report Date:** 17-May-24

Lab ID: 24040437-016 **Client Sample ID:** MW-352

Matrix: GROUNDWATER **Collection Date:** 04/18/2024 11:20

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		**< 0.00020**	mg/L	1	04/23/2024 17:00	221711

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24040437

Client Project: BAL-24Q2 **Report Date:** 17-May-24

Lab ID: 24040437-019 **Client Sample ID:** MW-358

Matrix: GROUNDWATER **Collection Date:** 04/17/2024 10:17

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**3.81**	ft	1	04/17/2024 10:17	R346175
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**23**	NTU	1	04/17/2024 10:17	R346175
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		**-280**	mV	1	04/17/2024 10:17	R346175
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**2510**	µS/cm	1	04/17/2024 10:17	R346175
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**16.2**	°C	1	04/17/2024 10:17	R346175
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**0.54**	mg/L	1	04/17/2024 10:17	R346175
SW-846 9040B FIELD									
pH	*	0	1.00		**7.69**		1	04/17/2024 10:17	R346175
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**532**	mg/L	1	04/18/2024 16:28	R345998
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	04/18/2024 16:28	R345998
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		**1430**	mg/L	1	04/19/2024 8:26	R346097
SW-846 9036 (TOTAL)									
Sulfate	NELAP	6	10		**19**	mg/L	1	04/19/2024 22:36	R346075
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**1.53**	mg/L	1	04/25/2024 11:59	R346326
SW-846 9251 (TOTAL)									
Chloride	NELAP	25	200		**458**	mg/L	50	04/19/2024 22:58	R346082
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		**59.4**	mg/L	1	04/19/2024 18:55	221509
Magnesium	NELAP	0.0250	0.0500		**29.1**	mg/L	1	04/19/2024 18:55	221509
Potassium	NELAP	0.0400	0.100		**2.22**	mg/L	1	04/19/2024 18:55	221509
Sodium	NELAP	0.0180	0.0500		**283**	mg/L	1	04/19/2024 18:55	221509
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		**< 0.0010**	mg/L	5	04/20/2024 17:17	221509
Arsenic	NELAP	0.0004	0.0010		**0.0014**	mg/L	5	04/20/2024 17:17	221509
Barium	NELAP	0.0007	0.0010		**0.120**	mg/L	5	04/20/2024 17:17	221509
Beryllium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	04/20/2024 17:17	221509
Boron	NELAP	0.0092	0.0250		**0.277**	mg/L	5	04/20/2024 17:17	221509
Cadmium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	04/20/2024 17:17	221509
Chromium	NELAP	0.0007	0.0015	J	**0.0010**	mg/L	5	04/20/2024 17:17	221509
Cobalt	NELAP	0.0001	0.0010	J	**0.0003**	mg/L	5	04/20/2024 17:17	221509
Lead	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	04/25/2024 18:17	221509
Lithium	*	0.0015	0.0030		**0.0425**	mg/L	5	04/20/2024 17:17	221509
Molybdenum	NELAP	0.0006	0.0015		**0.0044**	mg/L	5	04/23/2024 0:40	221509
Selenium	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	04/20/2024 17:17	221509
Thallium	NELAP	0.0010	0.0020		**< 0.0020**	mg/L	5	04/20/2024 17:17	221509

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24040437

Client Project: BAL-24Q2 **Report Date:** 17-May-24

Lab ID: 24040437-019 **Client Sample ID:** MW-358

Matrix: GROUNDWATER **Collection Date:** 04/17/2024 10:17

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020	J	**0.00011**	mg/L	1	04/19/2024 9:49	221655

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24040437

Client Project: BAL-24Q2 **Report Date:** 17-May-24

Lab ID: 24040437-020 **Client Sample ID:** MW-366

Matrix: GROUNDWATER **Collection Date:** 04/16/2024 14:43

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**16.54**	ft	1	04/16/2024 14:43	R346175
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**28**	NTU	1	04/16/2024 14:43	R346175
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		**67**	mV	1	04/16/2024 14:43	R346175
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**1450**	µS/cm	1	04/16/2024 14:43	R346175
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**16.4**	°C	1	04/16/2024 14:43	R346175
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**0.75**	mg/L	1	04/16/2024 14:43	R346175
SW-846 9040B FIELD									
pH	*	0	1.00		**6.77**		1	04/16/2024 14:43	R346175
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**353**	mg/L	1	04/19/2024 11:06	R345998
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	04/19/2024 11:06	R345998
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	40	50		**1340**	mg/L	2.5	04/17/2024 8:19	R345963
SW-846 9036 (TOTAL)									
Sulfate	NELAP	123	200		**709**	mg/L	20	04/18/2024 17:06	R345984
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**0.46**	mg/L	1	04/25/2024 11:26	R346326
SW-846 9251 (TOTAL)									
Chloride	NELAP	1	8		**52**	mg/L	2	04/18/2024 16:45	R345964
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		**228**	mg/L	1	04/19/2024 20:35	221595
Magnesium	NELAP	0.0055	0.0500		**104**	mg/L	1	04/19/2024 20:35	221595
Potassium	NELAP	0.0400	0.100		**4.48**	mg/L	1	04/19/2024 20:35	221595
Sodium	NELAP	0.0180	0.0500		**70.6**	mg/L	1	04/19/2024 20:35	221595
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010	J	**0.0005**	mg/L	5	04/24/2024 12:31	221595
Arsenic	NELAP	0.0004	0.0010	J	**0.0009**	mg/L	5	04/20/2024 9:50	221595
Barium	NELAP	0.0007	0.0010		**0.0647**	mg/L	5	04/20/2024 9:50	221595
Beryllium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	04/20/2024 9:50	221595
Boron	NELAP	0.0092	0.0250		**3.60**	mg/L	5	04/20/2024 9:50	221595
Cadmium	NELAP	0.0002	0.0010	J	**0.0002**	mg/L	5	04/20/2024 9:50	221595
Chromium	NELAP	0.0007	0.0015		**< 0.0015**	mg/L	5	04/23/2024 10:10	221595
Cobalt	NELAP	0.0001	0.0010		**0.0013**	mg/L	5	04/20/2024 9:50	221595
Lead	NELAP	0.0006	0.0010	B	**< 0.0010**	mg/L	5	04/20/2024 9:50	221595
Lithium	*	0.0015	0.0030		**0.0219**	mg/L	5	04/20/2024 9:50	221595
Molybdenum	NELAP	0.0006	0.0015		**0.0044**	mg/L	5	04/20/2024 9:50	221595
Selenium	NELAP	0.0006	0.0010	J	**0.0007**	mg/L	5	04/23/2024 10:10	221595
Thallium	NELAP	0.0010	0.0020		**< 0.0020**	mg/L	5	04/20/2024 9:50	221595

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

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24040437

Client Project: BAL-24Q2 **Report Date:** 17-May-24

Lab ID: 24040437-020 **Client Sample ID:** MW-366

Matrix: GROUNDWATER **Collection Date:** 04/16/2024 14:43

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		**< 0.00020**	mg/L	1	04/19/2024 9:51	221655

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24040437

Client Project: BAL-24Q2 **Report Date:** 17-May-24

Lab ID: 24040437-023 **Client Sample ID:** MW-375

Matrix: GROUNDWATER **Collection Date:** 04/17/2024 13:47

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**34.05**	ft	1	04/17/2024 13:47	R346175
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**4.7**	NTU	1	04/17/2024 13:47	R346175
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		**-4**	mV	1	04/17/2024 13:47	R346175
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**1260**	µS/cm	1	04/17/2024 13:47	R346175
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**15.6**	°C	1	04/17/2024 13:47	R346175
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**0.76**	mg/L	1	04/17/2024 13:47	R346175
SW-846 9040B FIELD									
pH	*	0	1.00		**7.81**		1	04/17/2024 13:47	R346175
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**594**	mg/L	1	04/18/2024 16:43	R345998
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	04/18/2024 16:43	R345998
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		**980**	mg/L	1	04/19/2024 8:27	R346097
SW-846 9036 (TOTAL)									
Sulfate	NELAP	31	50		**118**	mg/L	5	04/19/2024 23:01	R346075
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**2.60**	mg/L	1	04/25/2024 12:01	R346326
SW-846 9251 (TOTAL)									
Chloride	NELAP	2	20		**109**	mg/L	5	04/19/2024 23:00	R346082
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		**13.2**	mg/L	1	04/19/2024 18:56	221509
Magnesium	NELAP	0.0250	0.0500		**6.39**	mg/L	1	04/19/2024 18:56	221509
Potassium	NELAP	0.0400	0.100		**2.77**	mg/L	1	04/19/2024 18:56	221509
Sodium	NELAP	0.0180	0.0500		**360**	mg/L	1	04/19/2024 18:56	221509
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		**0.0038**	mg/L	5	04/20/2024 18:44	221509
Arsenic	NELAP	0.0004	0.0010		**0.0014**	mg/L	5	04/20/2024 18:44	221509
Barium	NELAP	0.0007	0.0010		**0.0250**	mg/L	5	04/20/2024 18:44	221509
Beryllium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	04/20/2024 18:44	221509
Boron	NELAP	0.0092	0.0250		**1.20**	mg/L	5	04/20/2024 18:44	221509
Cadmium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	04/20/2024 18:44	221509
Chromium	NELAP	0.0007	0.0015	J	**0.0009**	mg/L	5	04/20/2024 18:44	221509
Cobalt	NELAP	0.0001	0.0010		**< 0.0010**	mg/L	5	04/20/2024 18:44	221509
Lead	NELAP	0.0006	0.0010		**0.0015**	mg/L	5	04/25/2024 18:22	221509
Lithium	*	0.0015	0.0030		**0.0708**	mg/L	5	04/20/2024 18:44	221509
Molybdenum	NELAP	0.0006	0.0015		**0.0229**	mg/L	5	04/20/2024 18:44	221509
Selenium	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	04/20/2024 18:44	221509
Thallium	NELAP	0.0010	0.0020		**< 0.0020**	mg/L	5	04/20/2024 18:44	221509

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24040437

Client Project: BAL-24Q2 **Report Date:** 17-May-24

Lab ID: 24040437-023 **Client Sample ID:** MW-375

Matrix: GROUNDWATER **Collection Date:** 04/17/2024 13:47

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		**< 0.00020**	mg/L	1	04/19/2024 9:58	221655

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24040437

Client Project: BAL-24Q2 **Report Date:** 17-May-24

Lab ID: 24040437-024 **Client Sample ID:** MW-377

Matrix: GROUNDWATER **Collection Date:** 04/17/2024 14:26

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**7.72**	ft	1	04/17/2024 14:26	R346175
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**9.4**	NTU	1	04/17/2024 14:26	R346175
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		**-28**	mV	1	04/17/2024 14:26	R346175
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**1120**	µS/cm	1	04/17/2024 14:26	R346175
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**18.0**	°C	1	04/17/2024 14:26	R346175
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**0.26**	mg/L	1	04/17/2024 14:26	R346175
SW-846 9040B FIELD									
pH	*	0	1.00		**7.12**		1	04/17/2024 14:26	R346175
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**419**	mg/L	1	04/18/2024 16:51	R345998
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	04/18/2024 16:51	R345998
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		**638**	mg/L	1	04/19/2024 8:57	R346097
SW-846 9036 (TOTAL)									
Sulfate	NELAP	6	10		**38**	mg/L	1	04/23/2024 12:53	R346241
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**1.14**	mg/L	1	04/25/2024 12:07	R346326
SW-846 9251 (TOTAL)									
Chloride	NELAP	2	20		**93**	mg/L	5	04/19/2024 23:06	R346082
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		**58.0**	mg/L	1	04/19/2024 18:57	221509
Magnesium	NELAP	0.0250	0.0500		**39.5**	mg/L	1	04/19/2024 18:57	221509
Potassium	NELAP	0.0400	0.100		**3.56**	mg/L	1	04/19/2024 18:57	221509
Sodium	NELAP	0.0180	0.0500		**136**	mg/L	1	04/19/2024 18:57	221509
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		**0.0010**	mg/L	5	04/20/2024 18:49	221509
Arsenic	NELAP	0.0004	0.0010		**< 0.0010**	mg/L	5	04/20/2024 18:49	221509
Barium	NELAP	0.0007	0.0010		**0.0639**	mg/L	5	04/20/2024 18:49	221509
Beryllium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	04/20/2024 18:49	221509
Boron	NELAP	0.0092	0.0250		**1.70**	mg/L	5	04/20/2024 18:49	221509
Cadmium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	04/20/2024 18:49	221509
Chromium	NELAP	0.0007	0.0015		**< 0.0015**	mg/L	5	04/20/2024 18:49	221509
Cobalt	NELAP	0.0001	0.0010	J	**0.0002**	mg/L	5	04/20/2024 18:49	221509
Lead	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	04/25/2024 18:27	221509
Lithium	*	0.0015	0.0030		**0.0630**	mg/L	5	04/20/2024 18:49	221509
Molybdenum	NELAP	0.0006	0.0015		**< 0.0015**	mg/L	5	04/20/2024 18:49	221509
Selenium	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	04/20/2024 18:49	221509
Thallium	NELAP	0.0010	0.0020		**< 0.0020**	mg/L	5	04/20/2024 18:49	221509

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24040437

Client Project: BAL-24Q2 **Report Date:** 17-May-24

Lab ID: 24040437-024 **Client Sample ID:** MW-377

Matrix: GROUNDWATER **Collection Date:** 04/17/2024 14:26

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		**< 0.00020**	mg/L	1	04/19/2024 10:00	221655

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24040437

Client Project: BAL-24Q2 **Report Date:** 17-May-24

Lab ID: 24040437-026 **Client Sample ID:** MW-383

Matrix: GROUNDWATER **Collection Date:** 04/17/2024 10:52

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**20.59**	ft	1	04/17/2024 10:52	R346175
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**5.2**	NTU	1	04/17/2024 10:52	R346175
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		**-44**	mV	1	04/17/2024 10:52	R346175
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**1140**	µS/cm	1	04/17/2024 10:52	R346175
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**19.3**	°C	1	04/17/2024 10:52	R346175
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**0.66**	mg/L	1	04/17/2024 10:52	R346175
SW-846 9040B FIELD									
pH	*	0	1.00		**7.58**		1	04/17/2024 10:52	R346175
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**549**	mg/L	1	04/18/2024 17:04	R345998
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	04/18/2024 17:04	R345998
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		**874**	mg/L	1	04/19/2024 8:57	R346097
SW-846 9036 (TOTAL)									
Sulfate	NELAP	61	100		**156**	mg/L	10	04/19/2024 23:22	R346075
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**0.82**	mg/L	1	04/25/2024 12:10	R346326
SW-846 9251 (TOTAL)									
Chloride	NELAP	1	8		**46**	mg/L	2	04/19/2024 23:16	R346082
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		**19.1**	mg/L	1	04/19/2024 18:58	221509
Magnesium	NELAP	0.0250	0.0500		**7.29**	mg/L	1	04/19/2024 18:58	221509
Potassium	NELAP	0.0400	0.100		**2.18**	mg/L	1	04/19/2024 18:58	221509
Sodium	NELAP	0.0180	0.0500		**341**	mg/L	1	04/19/2024 18:58	221509
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		**< 0.0010**	mg/L	5	04/20/2024 19:01	221509
Arsenic	NELAP	0.0004	0.0010	J	**0.0005**	mg/L	5	04/20/2024 19:01	221509
Barium	NELAP	0.0007	0.0010		**0.0495**	mg/L	5	04/20/2024 19:01	221509
Beryllium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	04/20/2024 19:01	221509
Boron	NELAP	0.0092	0.0250		**1.37**	mg/L	5	04/20/2024 19:01	221509
Cadmium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	04/20/2024 19:01	221509
Chromium	NELAP	0.0007	0.0015		**< 0.0015**	mg/L	5	04/20/2024 19:01	221509
Cobalt	NELAP	0.0001	0.0010		**< 0.0010**	mg/L	5	04/20/2024 19:01	221509
Lead	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	04/25/2024 19:25	221509
Lithium	*	0.0015	0.0030		**0.0371**	mg/L	5	04/20/2024 19:01	221509
Molybdenum	NELAP	0.0006	0.0015		**0.0091**	mg/L	5	04/23/2024 1:43	221509
Selenium	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	04/20/2024 19:01	221509
Thallium	NELAP	0.0010	0.0020		**< 0.0020**	mg/L	5	04/20/2024 19:01	221509

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24040437

Client Project: BAL-24Q2 **Report Date:** 17-May-24

Lab ID: 24040437-026 **Client Sample ID:** MW-383

Matrix: GROUNDWATER **Collection Date:** 04/17/2024 10:52

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		**< 0.00020**	mg/L	1	04/19/2024 10:05	221655

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24040437

Client Project: BAL-24Q2 **Report Date:** 17-May-24

Lab ID: 24040437-027 **Client Sample ID:** MW-384

Matrix: GROUNDWATER **Collection Date:** 04/17/2024 11:17

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**16.22**	ft	1	04/17/2024 11:17	R346175
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**4.6**	NTU	1	04/17/2024 11:17	R346175
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		**-18**	mV	1	04/17/2024 11:17	R346175
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**2160**	µS/cm	1	04/17/2024 11:17	R346175
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**18.4**	°C	1	04/17/2024 11:17	R346175
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**0.66**	mg/L	1	04/17/2024 11:17	R346175
SW-846 9040B FIELD									
pH	*	0	1.00		**8.07**		1	04/17/2024 11:17	R346175
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**610**	mg/L	1	04/18/2024 17:12	R345998
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**12**	mg/L	1	04/18/2024 17:12	R345998
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		**1530**	mg/L	1	04/19/2024 8:57	R346097
SW-846 9036 (TOTAL)									
Sulfate	NELAP	6	10	J	**9**	mg/L	1	04/19/2024 23:24	R346075
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**4.54**	mg/L	1	04/25/2024 12:12	R346326
SW-846 9251 (TOTAL)									
Chloride	NELAP	10	80		**482**	mg/L	20	04/19/2024 23:30	R346082
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		**16.4**	mg/L	1	04/19/2024 18:59	221509
Magnesium	NELAP	0.0250	0.0500		**6.44**	mg/L	1	04/19/2024 18:59	221509
Potassium	NELAP	0.0400	0.100		**2.38**	mg/L	1	04/19/2024 18:59	221509
Sodium	NELAP	0.180	0.500		**540**	mg/L	10	04/22/2024 11:21	221509
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		**< 0.0010**	mg/L	5	04/20/2024 19:06	221509
Arsenic	NELAP	0.0004	0.0010		**< 0.0010**	mg/L	5	04/20/2024 19:06	221509
Barium	NELAP	0.0007	0.0010		**0.0554**	mg/L	5	04/20/2024 19:06	221509
Beryllium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	04/20/2024 19:06	221509
Boron	NELAP	0.0092	0.0250		**1.61**	mg/L	5	04/20/2024 19:06	221509
Cadmium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	04/20/2024 19:06	221509
Chromium	NELAP	0.0007	0.0015	J	**0.0008**	mg/L	5	04/20/2024 19:06	221509
Cobalt	NELAP	0.0001	0.0010		**< 0.0010**	mg/L	5	04/20/2024 19:06	221509
Lead	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	04/25/2024 19:30	221509
Lithium	*	0.0015	0.0030		**0.0468**	mg/L	5	04/20/2024 19:06	221509
Molybdenum	NELAP	0.0006	0.0015		**0.0130**	mg/L	5	04/20/2024 19:06	221509
Selenium	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	04/20/2024 19:06	221509
Thallium	NELAP	0.0010	0.0020		**< 0.0020**	mg/L	5	04/20/2024 19:06	221509

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24040437

Client Project: BAL-24Q2 **Report Date:** 17-May-24

Lab ID: 24040437-027 **Client Sample ID:** MW-384

Matrix: GROUNDWATER **Collection Date:** 04/17/2024 11:17

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		**< 0.00020**	mg/L	1	04/19/2024 10:12	221655

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24040437

Client Project: BAL-24Q2 **Report Date:** 17-May-24

Lab ID: 24040437-028 **Client Sample ID:** MW-390

Matrix: GROUNDWATER **Collection Date:** 04/16/2024 14:19

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**6.71**	ft	1	04/16/2024 14:19	R346175
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**6.0**	NTU	1	04/16/2024 14:19	R346175
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		**23**	mV	1	04/16/2024 14:19	R346175
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**1540**	µS/cm	1	04/16/2024 14:19	R346175
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**18.1**	°C	1	04/16/2024 14:19	R346175
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**0.70**	mg/L	1	04/16/2024 14:19	R346175
SW-846 9040B FIELD									
pH	*	0	1.00		**7.19**		1	04/16/2024 14:19	R346175
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**410**	mg/L	1	04/18/2024 17:20	R345998
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	04/18/2024 17:20	R345998
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		**812**	mg/L	1	04/18/2024 10:24	R346011
SW-846 9036 (TOTAL)									
Sulfate	NELAP	61	100		**168**	mg/L	10	04/18/2024 17:25	R345984
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**1.22**	mg/L	1	04/25/2024 11:46	R346326
SW-846 9251 (TOTAL)									
Chloride	NELAP	5	40		**112**	mg/L	10	04/18/2024 17:25	R345964
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		**96.6**	mg/L	1	04/19/2024 20:51	221595
Magnesium	NELAP	0.0055	0.0500		**39.4**	mg/L	1	04/19/2024 20:51	221595
Potassium	NELAP	0.0400	0.100		**2.93**	mg/L	1	04/19/2024 20:51	221595
Sodium	NELAP	0.0180	0.0500		**56.4**	mg/L	1	04/19/2024 20:51	221595
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010	J	**0.0005**	mg/L	5	04/24/2024 12:36	221595
Arsenic	NELAP	0.0004	0.0010		**0.0017**	mg/L	5	04/20/2024 11:15	221595
Barium	NELAP	0.0007	0.0010		**0.102**	mg/L	5	04/20/2024 11:15	221595
Beryllium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	04/20/2024 11:15	221595
Boron	NELAP	0.0092	0.0250		**0.206**	mg/L	5	04/22/2024 23:30	221595
Cadmium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	04/20/2024 11:15	221595
Chromium	NELAP	0.0007	0.0015	J	**0.0007**	mg/L	5	04/23/2024 10:56	221595
Cobalt	NELAP	0.0001	0.0010	J	**0.0003**	mg/L	5	04/20/2024 11:15	221595
Lead	NELAP	0.0006	0.0010	BJ	**0.0009**	mg/L	5	04/20/2024 11:15	221595
Lithium	*	0.0015	0.0030		**0.0112**	mg/L	5	04/22/2024 23:30	221595
Molybdenum	NELAP	0.0006	0.0015		**0.0040**	mg/L	5	04/20/2024 11:15	221595
Selenium	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	04/23/2024 10:56	221595
Thallium	NELAP	0.0010	0.0020	J	**0.0010**	mg/L	5	04/20/2024 11:15	221595

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

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24040437

Client Project: BAL-24Q2 **Report Date:** 17-May-24

Lab ID: 24040437-028 **Client Sample ID:** MW-390

Matrix: GROUNDWATER **Collection Date:** 04/16/2024 14:19

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		**< 0.00020**	mg/L	1	04/19/2024 10:14	221655

Laboratory Results

Client: Ramboll **Work Order:** 24040437

Client Project: BAL-24Q2 **Report Date:** 17-May-24

Lab ID: 24040437-029 **Client Sample ID:** MW-391

Matrix: GROUNDWATER **Collection Date:** 04/18/2024 9:35

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**71.48**	ft	1	04/18/2024 9:35	R346175

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24040437

Client Project: BAL-24Q2 **Report Date:** 17-May-24

Lab ID: 24040437-043 **Client Sample ID:** Field Blank

Matrix: AQUEOUS **Collection Date:** 04/18/2024 11:45

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		**1**	mg/L	1	04/19/2024 17:25	R346073
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	04/19/2024 17:25	R346073
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		**< 20**	mg/L	1	04/23/2024 11:22	R346231
SW-846 9036 (TOTAL)									
Sulfate	NELAP	6	10		**< 10**	mg/L	1	04/20/2024 1:05	R346075
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**< 0.10**	mg/L	1	04/25/2024 15:06	R346326
SW-846 9251 (TOTAL)									
Chloride	NELAP	1	4		**< 4**	mg/L	1	04/20/2024 1:05	R346082
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		**< 0.100**	mg/L	1	04/22/2024 17:34	221725
Magnesium	NELAP	0.0055	0.050	J	**0.018**	mg/L	1	04/22/2024 17:34	221725
Potassium	NELAP	0.0400	0.100		**< 0.100**	mg/L	1	04/22/2024 17:34	221725
Sodium	NELAP	0.0180	0.0500		**< 0.0500**	mg/L	1	04/22/2024 17:34	221725
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010	BJ	**0.0009**	mg/L	5	04/23/2024 13:17	221725
Arsenic	NELAP	0.0004	0.0010		**< 0.0010**	mg/L	5	04/23/2024 3:58	221725
Barium	NELAP	0.0007	0.0010		**< 0.0010**	mg/L	5	04/23/2024 3:58	221725
Beryllium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	04/23/2024 3:58	221725
Boron	NELAP	0.0092	0.0250		**0.0294**	mg/L	5	04/23/2024 3:58	221725
Cadmium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	04/23/2024 3:58	221725
Chromium	NELAP	0.0007	0.0015		**< 0.0015**	mg/L	5	04/23/2024 13:17	221725
Cobalt	NELAP	0.0001	0.0010		**< 0.0010**	mg/L	5	04/23/2024 3:58	221725
Lead	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	04/23/2024 3:58	221725
Lithium	*	0.0015	0.0030		**< 0.0030**	mg/L	5	04/23/2024 3:58	221725
Molybdenum	NELAP	0.0006	0.0015	J	**0.0007**	mg/L	5	04/23/2024 3:58	221725
Selenium	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	04/23/2024 13:17	221725
Thallium	NELAP	0.0010	0.0020		**< 0.0020**	mg/L	5	04/23/2024 3:58	221725
Contamination present in the MBLK for Sb. Sample results below the reporting limit are reportable per the TNI Standard.									
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		**< 0.00020**	mg/L	1	04/23/2024 17:30	221711

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24040437

Client Project: BAL-24Q2 **Report Date:** 17-May-24

Lab ID: 24040437-044 **Client Sample ID:** MW-304 Duplicate

Matrix: GROUNDWATER **Collection Date:** 04/16/2024 11:30

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**9.21**	ft	1	04/16/2024 11:30	R346175
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**7.1**	NTU	1	04/16/2024 11:30	R346175
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		**44**	mV	1	04/16/2024 11:30	R346175
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**2460**	µS/cm	1	04/16/2024 11:30	R346175
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**17.3**	°C	1	04/16/2024 11:30	R346175
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**0.21**	mg/L	1	04/16/2024 11:30	R346175
SW-846 9040B FIELD									
pH	*	0	1.00		**7.81**		1	04/16/2024 11:30	R346175
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**789**	mg/L	1	04/19/2024 13:01	R345998
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**20**	mg/L	1	04/19/2024 13:01	R345998
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		**1450**	mg/L	1	04/18/2024 10:43	R346011
SW-846 9036 (TOTAL)									
Sulfate	NELAP	61	100		**184**	mg/L	10	04/18/2024 18:06	R345984
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**1.80**	mg/L	1	04/25/2024 11:31	R346326
SW-846 9251 (TOTAL)									
Chloride	NELAP	5	40		**165**	mg/L	10	04/18/2024 18:07	R345964
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		**10.1**	mg/L	1	04/19/2024 21:01	221595
Magnesium	NELAP	0.0055	0.0500		**4.16**	mg/L	1	04/19/2024 21:01	221595
Potassium	NELAP	0.0400	0.100		**2.11**	mg/L	1	04/19/2024 21:01	221595
Sodium	NELAP	0.0180	0.0500		**564**	mg/L	1	04/19/2024 21:01	221595
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010	B	**< 0.0010**	mg/L	5	04/23/2024 11:11	221595
Arsenic	NELAP	0.0004	0.0010		**0.0031**	mg/L	5	04/20/2024 12:33	221595
Barium	NELAP	0.0007	0.0010		**0.0189**	mg/L	5	04/20/2024 12:33	221595
Beryllium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	04/20/2024 12:33	221595
Boron	NELAP	0.0092	0.0250		**1.76**	mg/L	5	04/23/2024 1:04	221595
Cadmium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	04/20/2024 12:33	221595
Chromium	NELAP	0.0007	0.0015		**< 0.0015**	mg/L	5	04/23/2024 11:11	221595
Cobalt	NELAP	0.0001	0.0010		**< 0.0010**	mg/L	5	04/20/2024 12:33	221595
Lead	NELAP	0.0006	0.0010	B	**< 0.0010**	mg/L	5	04/20/2024 12:33	221595
Lithium	*	0.0015	0.0030		**0.0813**	mg/L	5	04/23/2024 1:04	221595
Molybdenum	NELAP	0.0006	0.0015	J	**0.0013**	mg/L	5	04/20/2024 12:33	221595
Selenium	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	04/23/2024 11:11	221595
Thallium	NELAP	0.0010	0.0020		**< 0.0020**	mg/L	5	04/20/2024 12:33	221595

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

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

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24040437

Client Project: BAL-24Q2 **Report Date:** 17-May-24

Lab ID: 24040437-044 **Client Sample ID:** MW-304 Duplicate

Matrix: GROUNDWATER **Collection Date:** 04/16/2024 11:30

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		**< 0.00020**	mg/L	1	04/19/2024 13:02	221681

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24040437

Client Project: BAL-24Q2 **Report Date:** 17-May-24

Lab ID: 24040437-045 **Client Sample ID:** Equipment Blank 1

Matrix: AQUEOUS **Collection Date:** 04/18/2024 15:20

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		**1**	mg/L	1	04/19/2024 17:27	R346073
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	04/19/2024 17:27	R346073
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		**< 20**	mg/L	1	04/23/2024 11:22	R346231
SW-846 9036 (TOTAL)									
Sulfate	NELAP	6	10		**< 10**	mg/L	1	04/20/2024 1:08	R346075
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**< 0.10**	mg/L	1	04/25/2024 13:30	R346326
SW-846 9251 (TOTAL)									
Chloride	NELAP	1	4		**< 4**	mg/L	1	04/20/2024 1:08	R346082
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		**< 0.100**	mg/L	1	04/22/2024 17:36	221725
Magnesium	NELAP	0.0055	0.0500		**< 0.0500**	mg/L	1	04/22/2024 17:36	221725
Potassium	NELAP	0.0400	0.100		**< 0.100**	mg/L	1	04/22/2024 17:36	221725
Sodium	NELAP	0.0180	0.0500		**< 0.0500**	mg/L	1	04/22/2024 17:36	221725
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010	BJ	**0.0005**	mg/L	5	04/23/2024 13:22	221725
Arsenic	NELAP	0.0004	0.0010		**< 0.0010**	mg/L	5	04/23/2024 4:04	221725
Barium	NELAP	0.0007	0.0010		**< 0.0010**	mg/L	5	04/23/2024 4:04	221725
Beryllium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	04/23/2024 4:04	221725
Boron	NELAP	0.0092	0.025	J	**0.010**	mg/L	5	04/23/2024 4:04	221725
Cadmium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	04/23/2024 4:04	221725
Chromium	NELAP	0.0007	0.0015	J	**0.0007**	mg/L	5	04/23/2024 13:22	221725
Cobalt	NELAP	0.0001	0.0010		**< 0.0010**	mg/L	5	04/23/2024 4:04	221725
Lead	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	04/23/2024 4:04	221725
Lithium	*	0.0015	0.0030		**< 0.0030**	mg/L	5	04/23/2024 4:04	221725
Molybdenum	NELAP	0.0006	0.0015		**< 0.0015**	mg/L	5	04/23/2024 4:04	221725
Selenium	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	04/23/2024 13:22	221725
Thallium	NELAP	0.0010	0.0020		**< 0.0020**	mg/L	5	04/23/2024 4:04	221725
Contamination present in the MBLK for Sb. Sample results below the reporting limit are reportable per the TNI Standard.									
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		**< 0.00020**	mg/L	1	04/23/2024 17:32	221711

Sample Summary

Client: Ramboll
Client Project: BAL-24Q2

Work Order: 24040437
Report Date: 17-May-24

Lab Sample ID	Client Sample ID	Matrix	Fractions	Collection Date
24040437-003	MW-150	Groundwater	4	04/17/2024 11:44
24040437-004	MW-151	Groundwater	4	04/18/2024 11:45
24040437-005	MW-152	Groundwater	4	04/18/2024 10:41
24040437-006	MW-153	Groundwater	4	04/18/2024 10:47
24040437-011	MW-252	Groundwater	4	04/18/2024 10:58
24040437-012	MW-253	Groundwater	4	
24040437-013	MW-304	Groundwater	4	04/16/2024 11:30
24040437-014	MW-306	Groundwater	4	
24040437-015	MW-350	Groundwater	4	
24040437-016	MW-352	Groundwater	4	04/18/2024 11:20
24040437-019	MW-358	Groundwater	2	04/17/2024 10:17
24040437-020	MW-366	Groundwater	2	04/16/2024 14:43
24040437-023	MW-375	Groundwater	2	04/17/2024 13:47
24040437-024	MW-377	Groundwater	2	04/17/2024 14:26
24040437-026	MW-383	Groundwater	2	04/17/2024 10:52
24040437-027	MW-384	Groundwater	2	04/17/2024 11:17
24040437-028	MW-390	Groundwater	2	04/16/2024 14:19
24040437-029	MW-391	Groundwater	2	04/18/2024 9:35
24040437-043	Field Blank	Aqueous	4	04/18/2024 11:45
24040437-044	MW-304 Duplicate	Groundwater	4	04/16/2024 11:30
24040437-045	Equipment Blank 1	Aqueous	4	04/18/2024 15:20

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24040437

Client Project: BAL-24Q2 **Report Date:** 17-May-24

STANDARD METHODS 2510 B FIELD

Batch R346175 **SampType:** LCS Units **µS/cm**
SampID: LCS-1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Spec. Conductance, Field	*	0		**1410**	1412	0	100.1	90	110	04/16/2024

Batch R346175 **SampType:** LCS Units **µS/cm**
SampID: LCS-2

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Spec. Conductance, Field	*	0		**1410**	1412	0	100.1	90	110	04/17/2024

Batch R346175 **SampType:** LCS Units **µS/cm**
SampID: LCS-3

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Spec. Conductance, Field	*	0		**1410**	1412	0	100.1	90	110	04/18/2024

Batch R346175 **SampType:** LCS Units **µS/cm**
SampID: LCS-4

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Spec. Conductance, Field	*	0		**1410**	1412	0	100.0	90	110	04/16/2024

Batch R346175 **SampType:** LCS Units **µS/cm**
SampID: LCS-5

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Spec. Conductance, Field	*	0		**1410**	1412	0	99.8	90	110	04/17/2024

Batch R346175 **SampType:** LCS Units **µS/cm**
SampID: LCS-6

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Spec. Conductance, Field	*	0		**1370**	1412	0	96.8	90	110	04/18/2024

SW-846 9040B FIELD

Batch R346175 **SampType:** LCS Units
SampID: LCS-1

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	04/16/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24040437

Client Project: BAL-24Q2 **Report Date:** 17-May-24

SW-846 9040B FIELD

Batch R346175 **SampType:** LCS Units

SampID: LCS-2

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
pH	*	1.00		**7.01**	7.000	0	100.1	98.57	101.4	04/17/2024

Batch R346175 **SampType:** LCS Units

SampID: LCS-3

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
pH	*	1.00		**7.01**	7.000	0	100.1	98.57	101.4	04/18/2024

Batch R346175 **SampType:** LCS Units

SampID: LCS-4

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	04/16/2024

Batch R346175 **SampType:** LCS Units

SampID: LCS-5

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
pH	*	1.00		**7.06**	7.000	0	100.9	98.57	101.4	04/17/2024

Batch R346175 **SampType:** LCS Units

SampID: LCS-6

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
pH	*	1.00		**7.04**	7.000	0	100.6	98.57	101.4	04/18/2024

STANDARD METHODS 2540 C (TOTAL) 1997, 2011

Batch R345963 **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	04/17/2024

Batch R345963 **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		**950**	1000	0	95.0	90	110	04/17/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24040437

Client Project: BAL-24Q2 **Report Date:** 17-May-24

STANDARD METHODS 2540 C (TOTAL) 1997, 2011

Batch R345963 **SampType:** DUP Units **mg/L** RPD Limit: **10**

SampID: 24041299-001ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		50		**360**				345.0	4.26	04/17/2024

Batch R346011 **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	04/18/2024

Batch R346011 **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		**940**	1000	0	94.0	90	110	04/18/2024

Batch R346011 **SampType:** DUP Units **mg/L** RPD Limit: **10**

SampID: 24041394-003ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		20		**360**				362.0	0.55	04/18/2024

Batch R346011 **SampType:** DUP Units **mg/L** RPD Limit: **10**

SampID: 24041396-001ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		20		**424**				420.0	0.95	04/18/2024

Batch R346011 **SampType:** DUP Units **mg/L** RPD Limit: **10**

SampID: 24041526-001ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		20		**384**				372.0	3.17	04/18/2024

Batch R346097 **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	04/19/2024
Total Dissolved Solids		20		**< 20**	16.00	0	0	-100	100	04/19/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24040437

Client Project: BAL-24Q2 **Report Date:** 17-May-24

STANDARD METHODS 2540 C (TOTAL) 1997, 2011

Batch R346097 **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		**934**	1000	0	93.4	90	110	04/19/2024
Total Dissolved Solids		20		**948**	1000	0	94.8	90	110	04/19/2024

Batch R346097 **SampType:** DUP Units **mg/L** RPD Limit: **10**
SampID: 24040437-026ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		20		**902**				874.0	3.15	04/19/2024

Batch R346097 **SampType:** DUP Units **mg/L** RPD Limit: **10**
SampID: 24041555-007ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		50		**490**				525.0	6.90	04/19/2024

Batch R346231 **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	04/23/2024
Total Dissolved Solids		20		**< 20**	16.00	0	0	-100	100	04/23/2024

Batch R346231 **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		**936**	1000	0	93.6	90	110	04/23/2024
Total Dissolved Solids		20		**902**	1000	0	90.2	90	110	04/23/2024

Batch R346231 **SampType:** DUP Units **mg/L** RPD Limit: **10**
SampID: 24040437-042ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		20		**394**				386.0	2.05	04/23/2024

Batch R346231 **SampType:** DUP Units **mg/L** RPD Limit: **10**
SampID: 24041834-002ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		20		**1990**				1994	0.00	04/23/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24040437

Client Project: BAL-24Q2 **Report Date:** 17-May-24

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

Batch R345858 **SampType:** MBLK Units **mg/L**
SampID: MBLK

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**< 0.05**	0.0250	0	0	-100	100	04/16/2024
Nitrogen, Nitrite (as N)		0.05		**< 0.05**	0.0250	0	0	-100	100	04/16/2024

Batch R345858 **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	100.2	90	110	04/16/2024
Nitrogen, Nitrite (as N)		0.05		**0.30**	0.3045	0	100.2	90	110	04/16/2024

Batch R345858 **SampType:** MS Units **mg/L**
SampID: 24041343-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.49**	0.5000	0	98.0	85	115	04/16/2024

Batch R345858 **SampType:** MSD Units **mg/L** RPD Limit: **10**
SampID: 24041343-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.49**	0.5000	0	98.2	0.4900	0.20	04/16/2024

Batch R345858 **SampType:** MS Units **mg/L**
SampID: 24041394-003AMS

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	90.6	85	115	04/16/2024

Batch R345858 **SampType:** MSD Units **mg/L** RPD Limit: **10**
SampID: 24041394-003AMSD

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	90.6	0.4530	0.00	04/16/2024

Batch R345858 **SampType:** MS Units **mg/L**
SampID: 24041396-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.44**	0.5000	0	87.8	85	115	04/16/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24040437

Client Project: BAL-24Q2 **Report Date:** 17-May-24

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

Batch R345858 **SampType:** MSD Units **mg/L** RPD Limit: **10**
SampID: 24041396-001AMSD

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	91.4	0.4390	4.02	04/16/2024

Batch R345979 **SampType:** MBLK Units **mg/L**
SampID: MBLK

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**< 0.05**	0.0250	0	0	-100	100	04/18/2024
Nitrogen, Nitrite (as N)		0.05		**< 0.05**	0.0250	0	0	-100	100	04/18/2024

Batch R345979 **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		**0.33**	0.3045	0	107.4	90	110	04/18/2024
Nitrogen, Nitrite (as N)		0.05		**0.32**	0.3045	0	106.7	90	110	04/18/2024

Batch R345979 **SampType:** MS Units **mg/L**
SampID: 24040437-003AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.46**	0.5000	0	92.4	85	115	04/18/2024

Batch R345979 **SampType:** MSD Units **mg/L** RPD Limit: **10**
SampID: 24040437-003AMSD

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	0.4620	0.00	04/18/2024

Batch R345979 **SampType:** MS Units **mg/L**
SampID: 24041604-001AMS

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	101.0	85	115	04/18/2024

Batch R345979 **SampType:** MSD Units **mg/L** RPD Limit: **10**
SampID: 24041604-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.51**	0.5000	0	101.8	0.5050	0.79	04/18/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24040437

Client Project: BAL-24Q2 **Report Date:** 17-May-24

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

Batch R345979 **SampType:** MS Units **mg/L**
SampID: 24041675-002AMS

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	89.4	85	115	04/18/2024

Batch R345979 **SampType:** MSD Units **mg/L** RPD Limit: **10**
SampID: 24041675-002AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.44**	0.5000	0	88.4	0.4470	1.12	04/18/2024

Batch R346038 **SampType:** MBLK Units **mg/L**
SampID: MBLK

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**< 0.05**	0.0250	0	0	-100	100	04/19/2024

Batch R346038 **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	99.5	90	110	04/19/2024

Batch R346038 **SampType:** MS Units **mg/L**
SampID: 24040437-004AMS

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	04/19/2024

Batch R346038 **SampType:** MSD Units **mg/L** RPD Limit: **10**
SampID: 24040437-004AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.48**	0.5000	0	95.6	0.4710	1.48	04/19/2024

Batch R346038 **SampType:** MS Units **mg/L**
SampID: 24040437-006AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.48**	0.5000	0	95.6	85	115	04/19/2024

Batch R346038 **SampType:** MSD Units **mg/L** RPD Limit: **10**
SampID: 24040437-006AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.48**	0.5000	0	95.6	0.4780	0.00	04/19/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24040437

Client Project: BAL-24Q2 **Report Date:** 17-May-24

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

Batch R346038 **SampType:** MS Units **mg/L**
SampID: 24040437-011AMS

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	0.007000	97.6	85	115	04/19/2024

Batch R346038 **SampType:** MSD Units **mg/L** RPD Limit: **10**
SampID: 24040437-011AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.49**	0.5000	0.007000	97.2	0.4950	0.40	04/19/2024

Batch R346038 **SampType:** MS Units **mg/L**
SampID: 24041754-001BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		0.05	H	**0.49**	0.5000	0.009000	96.8	85	115	04/19/2024

Batch R346038 **SampType:** MSD Units **mg/L** RPD Limit: **10**
SampID: 24041754-001BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrite (as N)		0.05	H	**0.50**	0.5000	0.009000	99.0	0.4930	2.21	04/19/2024

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

Batch R345914 **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**						04/17/2024
Nitrogen, Nitrate-Nitrite (as N)		0.050		**< 0.050**	0.0090	0	0	-100	100	04/17/2024

Batch R345914 **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		**0.507**	0.5000	0	101.4	90	110	04/17/2024

Batch R345914 **SampType:** MS Units **mg/L**
SampID: 24041394-004AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		**0.236**	0.2500	0	94.4	85	115	04/17/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24040437

Client Project: BAL-24Q2 **Report Date:** 17-May-24

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

Batch R345914 **SampType:** MSD Units **mg/L** RPD Limit: **10**
SampID: 24041394-004AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		**0.241**	0.2500	0	96.4	0.2360	2.10	04/17/2024

Batch R345914 **SampType:** MS Units **mg/L**
SampID: 24041396-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		**0.240**	0.2500	0	96.0	85	115	04/17/2024

Batch R345914 **SampType:** MSD Units **mg/L** RPD Limit: **10**
SampID: 24041396-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		**0.240**	0.2500	0	96.0	0.2400	0.00	04/17/2024

Batch R345914 **SampType:** MS Units **mg/L**
SampID: 24041414-004AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		2.50		**27.8**	12.50	14.80	103.8	90	110	04/17/2024

Batch R345914 **SampType:** MSD Units **mg/L** RPD Limit: **10**
SampID: 24041414-004AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		2.50		**27.2**	12.50	14.80	99.5	27.78	1.99	04/17/2024

Batch R345914 **SampType:** MS Units **mg/L**
SampID: 24041453-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		2.50		**35.1**	12.50	22.75	98.6	90	110	04/17/2024

Batch R345914 **SampType:** MSD Units **mg/L** RPD Limit: **10**
SampID: 24041453-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		2.50		**35.1**	12.50	22.75	98.5	35.07	0.04	04/17/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24040437

Client Project: BAL-24Q2 **Report Date:** 17-May-24

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

Batch R346070 **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**						04/19/2024
Nitrogen, Nitrate-Nitrite (as N)		0.050		**< 0.050**	0.0090	0	0	-100	100	04/19/2024

Batch R346070 **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		**0.508**	0.5000	0	101.6	90	110	04/19/2024

Batch R346070 **SampType:** MS Units **mg/L**
SampID: 24040437-016AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		2.50		**27.9**	12.50	15.45	99.5	85	115	04/19/2024

Batch R346070 **SampType:** MSD Units **mg/L** RPD Limit: **10**
SampID: 24040437-016AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		2.50		**27.9**	12.50	15.45	99.4	27.88	0.03	04/19/2024

Batch R346070 **SampType:** MS Units **mg/L**
SampID: 24041446-004AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		**0.256**	0.2500	0	102.4	90	110	04/19/2024

Batch R346070 **SampType:** MSD Units **mg/L** RPD Limit: **10**
SampID: 24041446-004AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		**0.256**	0.2500	0	102.4	0.2560	0.00	04/19/2024

Batch R346070 **SampType:** MS Units **mg/L**
SampID: 24041447-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.250		**3.23**	1.250	1.956	102.2	90	110	04/19/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24040437

Client Project: BAL-24Q2 **Report Date:** 17-May-24

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

Batch R346070 **SampType:** MSD Units **mg/L** RPD Limit: **10**
SampID: 24041447-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.250		**3.19**	1.250	1.956	98.9	3.234	1.31	04/19/2024

Batch R346070 **SampType:** MS Units **mg/L**
SampID: 24041526-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		**0.238**	0.2500	0	95.2	85	115	04/19/2024

Batch R346070 **SampType:** MSD Units **mg/L** RPD Limit: **10**
SampID: 24041526-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		**0.242**	0.2500	0	96.8	0.2380	1.67	04/19/2024

Batch R346070 **SampType:** MS Units **mg/L**
SampID: 24041566-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		1.00		**9.68**	5.000	4.818	97.2	90	110	04/19/2024

Batch R346070 **SampType:** MSD Units **mg/L** RPD Limit: **10**
SampID: 24041566-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		1.00		**9.75**	5.000	4.818	98.6	9.677	0.71	04/19/2024

Batch R346070 **SampType:** MS Units **mg/L**
SampID: 24041606-001BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		2.50		**24.2**	12.50	11.53	101.7	90	110	04/19/2024

Batch R346070 **SampType:** MSD Units **mg/L** RPD Limit: **10**
SampID: 24041606-001BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		2.50		**24.6**	12.50	11.53	105.0	24.24	1.65	04/19/2024

Batch R346070 **SampType:** MS Units **mg/L**
SampID: 24041675-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		**0.219**	0.2500	0	87.6	85	115	04/19/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24040437

Client Project: BAL-24Q2 **Report Date:** 17-May-24

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

Batch R346070 **SampType:** MSD Units **mg/L** RPD Limit: **10**
SampID: 24041675-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		**0.224**	0.2500	0	89.6	0.2190	2.26	04/19/2024

Batch R346070 **SampType:** MS Units **mg/L**
SampID: 24041754-005BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		**0.254**	0.2500	0	101.6	85	115	04/19/2024

Batch R346070 **SampType:** MSD Units **mg/L** RPD Limit: **10**
SampID: 24041754-005BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		**0.252**	0.2500	0	100.8	0.2540	0.79	04/19/2024

Batch R346070 **SampType:** MS Units **mg/L**
SampID: 24041754-008BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050	H	**0.611**	0.2500	0.3510	104.0	85	115	04/19/2024

Batch R346070 **SampType:** MSD Units **mg/L** RPD Limit: **10**
SampID: 24041754-008BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050	H	**0.613**	0.2500	0.3510	104.8	0.6110	0.33	04/19/2024

Batch R346070 **SampType:** MS Units **mg/L**
SampID: 24041778-005BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		**0.321**	0.2500	0.06400	102.8	85	115	04/19/2024

Batch R346070 **SampType:** MSD Units **mg/L** RPD Limit: **10**
SampID: 24041778-005BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		**0.320**	0.2500	0.06400	102.4	0.3210	0.31	04/19/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24040437

Client Project: BAL-24Q2 **Report Date:** 17-May-24

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

Batch R346166 **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**						04/23/2024
Nitrogen, Nitrate-Nitrite (as N)		0.050		**< 0.050**	0.0090	0	0	-100	100	04/23/2024

Batch R346166 **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		**0.538**	0.5000	0	107.6	90	110	04/23/2024

Batch R346166 **SampType:** MS Units **mg/L**
SampID: 24041774-001EMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.250	H	**3.68**	1.250	2.469	96.8	85	115	04/23/2024

Batch R346166 **SampType:** MSD Units **mg/L** RPD Limit: **10**
SampID: 24041774-001EMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.250	H	**3.66**	1.250	2.469	95.3	3.679	0.52	04/23/2024

Batch R346166 **SampType:** MS Units **mg/L**
SampID: 24041835-002AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		1.00		**15.7**	5.000	10.71	99.2	90	110	04/23/2024

Batch R346166 **SampType:** MSD Units **mg/L** RPD Limit: **10**
SampID: 24041835-002AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		1.00		**15.3**	5.000	10.71	92.3	15.67	2.24	04/23/2024

Batch R346166 **SampType:** MS Units **mg/L**
SampID: 24041886-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.05		**0.24**	0.2500	0	95.6	90	110	04/23/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24040437

Client Project: BAL-24Q2 **Report Date:** 17-May-24

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

Batch R346166 **SampType:** MSD Units **mg/L** RPD Limit: **10**

SampID: 24041886-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.05		**0.24**	0.2500	0	96.4	0.2390	0.83	04/23/2024

Batch R346166 **SampType:** DUP Units **mg/L** RPD Limit: **10**

SampID: 24040437-003ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050	JH	**0.021**				0.02500	0.00	04/23/2024

SW-846 9036 (DISSOLVED)

Batch R346075 **SampType:** MS Units **mg/L**

SampID: 24040437-004BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		50		**202**	100.0	106.4	95.8	85	115	04/19/2024

Batch R346075 **SampType:** MSD Units **mg/L** RPD Limit: **10**

SampID: 24040437-004BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		50		**206**	100.0	106.4	99.8	202.2	1.95	04/19/2024

Batch R346241 **SampType:** MS Units **mg/L**

SampID: 24041778-005BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		100		**340**	200.0	157.3	91.1	85	115	04/23/2024

Batch R346241 **SampType:** MSD Units **mg/L** RPD Limit: **10**

SampID: 24041778-005BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		100		**349**	200.0	157.3	95.9	339.6	2.77	04/23/2024

SW-846 9036 (TOTAL)

Batch R345984 **SampType:** MBLK Units **mg/L**

SampID: ICB/MBLK

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		10		**< 10**	6.140	0	0	-100	100	04/18/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24040437

Client Project: BAL-24Q2 **Report Date:** 17-May-24

SW-846 9036 (TOTAL)

Batch R345984 **SampType:** LCS Units **mg/L**
SampID: ICV/LCS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		10		**19**	20.00	0	95.2	90	110	04/18/2024

Batch R345984 **SampType:** MS Units **mg/L**
SampID: 24040437-009AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		10	S	**31**	20.00	14.40	81.4	85	115	04/18/2024

Batch R345984 **SampType:** MSD Units **mg/L** RPD Limit: **10**
SampID: 24040437-009AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		10	S	**31**	20.00	14.40	82.6	30.67	0.81	04/18/2024

Batch R345984 **SampType:** MS Units **mg/L**
SampID: 24040437-018AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		20		**79**	40.00	44.63	86.5	85	115	04/18/2024

Batch R345984 **SampType:** MSD Units **mg/L** RPD Limit: **10**
SampID: 24040437-018AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		20		**81**	40.00	44.63	91.0	79.22	2.25	04/18/2024

Batch R345984 **SampType:** MS Units **mg/L**
SampID: 24041299-005AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		20		**78**	40.00	41.15	92.1	85	115	04/18/2024

Batch R345984 **SampType:** MSD Units **mg/L** RPD Limit: **10**
SampID: 24041299-005AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		20		**80**	40.00	41.15	96.6	78.00	2.26	04/18/2024

Batch R345984 **SampType:** MS Units **mg/L**
SampID: 24041526-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		10		**50**	20.00	31.91	88.2	85	115	04/18/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24040437

Client Project: BAL-24Q2 **Report Date:** 17-May-24

SW-846 9036 (TOTAL)

Batch R345984 **SampType:** MSD Units **mg/L** RPD Limit: **10**
SampID: 24041526-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		10		**50**	20.00	31.91	89.5	49.55	0.50	04/18/2024

Batch R346075 **SampType:** MBLK Units **mg/L**
SampID: ICB/MBLK

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		10		**< 10**	6.140	0	0	-100	100	04/19/2024

Batch R346075 **SampType:** LCS Units **mg/L**
SampID: ICV/LCS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		10		**19**	20.00	0	93.8	90	110	04/19/2024

Batch R346075 **SampType:** MS Units **mg/L**
SampID: 24040437-004AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		50	S	**183**	100.0	101.4	82.0	85	115	04/19/2024

Batch R346075 **SampType:** MSD Units **mg/L** RPD Limit: **10**
SampID: 24040437-004AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		50		**192**	100.0	101.4	90.7	183.4	4.63	04/19/2024

Batch R346075 **SampType:** MS Units **mg/L**
SampID: 24040437-006AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		20	E	**101**	40.00	63.06	94.8	85	115	04/19/2024

Batch R346075 **SampType:** MSD Units **mg/L** RPD Limit: **10**
SampID: 24040437-006AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		20		**100**	40.00	63.06	92.1	101.0	1.08	04/19/2024

Batch R346075 **SampType:** MS Units **mg/L**
SampID: 24041394-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		20		**71**	40.00	34.55	91.8	85	115	04/19/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24040437

Client Project: BAL-24Q2 **Report Date:** 17-May-24

SW-846 9036 (TOTAL)

Batch R346075 **SampType:** MSD Units **mg/L** RPD Limit: **10**
SampID: 24041394-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		20		**73**	40.00	34.55	95.4	71.25	2.03	04/19/2024

Batch R346075 **SampType:** MS Units **mg/L**
SampID: 24041396-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		10	S	**27**	20.00	13.49	66.0	85	115	04/19/2024

Batch R346075 **SampType:** MSD Units **mg/L** RPD Limit: **10**
SampID: 24041396-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		10	S	**26**	20.00	13.49	64.6	26.69	1.05	04/19/2024

Batch R346075 **SampType:** MS Units **mg/L**
SampID: 24041555-009AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		10		**46**	20.00	28.74	85.1	85	115	04/19/2024

Batch R346075 **SampType:** MSD Units **mg/L** RPD Limit: **10**
SampID: 24041555-009AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		10		**46**	20.00	28.74	87.6	45.76	1.07	04/19/2024

Batch R346075 **SampType:** MS Units **mg/L**
SampID: 24041675-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		50	S	**145**	100.0	67.78	77.2	85	115	04/19/2024

Batch R346075 **SampType:** MSD Units **mg/L** RPD Limit: **10**
SampID: 24041675-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		50	S	**150**	100.0	67.78	81.9	145.0	3.21	04/19/2024

Batch R346241 **SampType:** MBLK Units **mg/L**
SampID: ICB/MBLK

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		10		**< 10**	6.140	0	0	-100	100	04/23/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24040437

Client Project: BAL-24Q2 **Report Date:** 17-May-24

SW-846 9036 (TOTAL)

Batch R346241 **SampType:** LCS Units **mg/L**
SampID: ICV/LCS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		10		**21**	20.00	0	102.6	90	110	04/23/2024

Batch R346241 **SampType:** MS Units **mg/L**
SampID: 24040437-040AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		50		**201**	100.0	112.0	89.0	85	115	04/23/2024

Batch R346241 **SampType:** MSD Units **mg/L** RPD Limit: **10**
SampID: 24040437-040AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		50		**203**	100.0	112.0	91.1	201.0	1.06	04/23/2024

Batch R346241 **SampType:** MS Units **mg/L**
SampID: 24041684-002AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		5000		**20200**	10000	10760	94.9	90	110	04/23/2024

Batch R346241 **SampType:** MSD Units **mg/L** RPD Limit: **10**
SampID: 24041684-002AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		5000		**20300**	10000	10760	95.9	20250	0.46	04/23/2024

Batch R346241 **SampType:** MS Units **mg/L**
SampID: 24041706-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		100		**331**	200.0	151.3	90.0	85	115	04/23/2024

Batch R346241 **SampType:** MSD Units **mg/L** RPD Limit: **10**
SampID: 24041706-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		100		**331**	200.0	151.3	89.8	331.4	0.16	04/23/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24040437

Client Project: BAL-24Q2 **Report Date:** 17-May-24

SW-846 9214 (TOTAL)

Batch R346326 **SampType:** MBLK Units **mg/L**
SampID: MBLK

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**< 0.10**	0.0500	0	0	-100	100	04/25/2024

Batch R346326 **SampType:** LCS Units **mg/L**
SampID: LCS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**0.99**	1.000	0	98.6	90	110	04/25/2024

Batch R346326 **SampType:** MS Units **mg/L**
SampID: 24040437-010AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**2.40**	2.000	0.2590	107.2	75	125	04/25/2024

Batch R346326 **SampType:** MSD Units **mg/L** RPD Limit: **15**
SampID: 24040437-010AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**2.44**	2.000	0.2590	108.9	2.403	1.40	04/25/2024

Batch R346326 **SampType:** MS Units **mg/L**
SampID: 24040437-013AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**3.79**	2.000	1.689	104.8	75	125	04/25/2024

Batch R346326 **SampType:** MSD Units **mg/L** RPD Limit: **15**
SampID: 24040437-013AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**3.88**	2.000	1.689	109.4	3.786	2.40	04/25/2024

Batch R346326 **SampType:** MS Units **mg/L**
SampID: 24040437-036AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**2.45**	2.000	0.3950	102.6	75	125	04/25/2024

Batch R346326 **SampType:** MSD Units **mg/L** RPD Limit: **15**
SampID: 24040437-036AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**2.39**	2.000	0.3950	99.8	2.446	2.27	04/25/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24040437

Client Project: BAL-24Q2 **Report Date:** 17-May-24

SW-846 9214 (TOTAL)

Batch R346326 **SampType:** MS Units **mg/L**
SampID: 24040437-043AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**2.04**	2.000	0	102.2	75	125	04/25/2024

Batch R346326 **SampType:** MSD Units **mg/L** RPD Limit: **15**
SampID: 24040437-043AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**2.05**	2.000	0	102.4	2.043	0.24	04/25/2024

Batch R346326 **SampType:** MS Units **mg/L**
SampID: 24041586-004AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**2.81**	2.000	0.6640	107.4	75	125	04/25/2024

Batch R346326 **SampType:** MSD Units **mg/L** RPD Limit: **15**
SampID: 24041586-004AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**2.76**	2.000	0.6640	104.6	2.813	2.08	04/25/2024

Batch R346326 **SampType:** MS Units **mg/L**
SampID: 24041684-002AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		2.00		**150**	40.00	105.6	110.8	75	125	04/25/2024

Batch R346326 **SampType:** MSD Units **mg/L** RPD Limit: **15**
SampID: 24041684-002AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		2.00		**147**	40.00	105.6	102.7	149.9	2.20	04/25/2024

SW-846 9251 (DISSOLVED)

Batch R346082 **SampType:** MS Units **mg/L**
SampID: 24040437-004BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		20		**134**	100.0	41.14	93.3	85	115	04/19/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24040437

Client Project: BAL-24Q2 **Report Date:** 17-May-24

SW-846 9251 (DISSOLVED)

Batch R346082 **SampType:** MSD Units **mg/L** RPD Limit: **15**
SampID: 24040437-004BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		20		**136**	100.0	41.14	94.6	134.5	0.96	04/19/2024

Batch R346242 **SampType:** MS Units **mg/L**
SampID: 24041778-005BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		8		**80**	40.00	45.79	86.3	85	115	04/23/2024

Batch R346242 **SampType:** MSD Units **mg/L** RPD Limit: **15**
SampID: 24041778-005BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		8		**80**	40.00	45.79	86.6	80.30	0.16	04/23/2024

SW-846 9251 (TOTAL)

Batch R345964 **SampType:** MBLK Units **mg/L**
SampID: ICB/MBLK

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		4		**< 4**	0.5000	0	0	-100	100	04/18/2024

Batch R345964 **SampType:** LCS Units **mg/L**
SampID: ICV/LCS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		4		**20**	20.00	0	98.4	90	110	04/18/2024

Batch R345964 **SampType:** MS Units **mg/L**
SampID: 24040437-009AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		4		**37**	20.00	19.92	86.6	85	115	04/18/2024

Batch R345964 **SampType:** MSD Units **mg/L** RPD Limit: **15**
SampID: 24040437-009AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		4		**38**	20.00	19.92	87.9	37.24	0.70	04/18/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24040437

Client Project: BAL-24Q2 **Report Date:** 17-May-24

SW-846 9251 (TOTAL)

Batch R345964 **SampType:** MS Units **mg/L**
SampID: 24040437-018AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		4	E	**52**	20.00	34.32	89.8	85	115	04/18/2024

Batch R345964 **SampType:** MSD Units **mg/L** RPD Limit: **15**
SampID: 24040437-018AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		4	E	**52**	20.00	34.32	88.2	52.27	0.59	04/18/2024

Batch R345964 **SampType:** MS Units **mg/L**
SampID: 24041299-005AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		4		**29**	20.00	10.43	91.2	85	115	04/18/2024

Batch R345964 **SampType:** MSD Units **mg/L** RPD Limit: **15**
SampID: 24041299-005AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		4		**29**	20.00	10.43	90.8	28.66	0.24	04/18/2024

Batch R345964 **SampType:** MS Units **mg/L**
SampID: 24041394-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		4	E	**51**	20.00	31.97	96.0	85	115	04/18/2024

Batch R345964 **SampType:** MSD Units **mg/L** RPD Limit: **15**
SampID: 24041394-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		4	E	**51**	20.00	31.97	93.5	51.18	1.00	04/18/2024

Batch R345964 **SampType:** MS Units **mg/L**
SampID: 24041396-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		4		**29**	20.00	10.46	93.7	85	115	04/18/2024

Batch R345964 **SampType:** MSD Units **mg/L** RPD Limit: **15**
SampID: 24041396-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		4		**30**	20.00	10.46	96.2	29.20	1.73	04/18/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24040437

Client Project: BAL-24Q2 **Report Date:** 17-May-24

SW-846 9251 (TOTAL)

Batch R345964 **SampType:** MS Units **mg/L**
SampID: 24041526-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		4		**47**	20.00	29.97	86.0	85	115	04/18/2024

Batch R345964 **SampType:** MSD Units **mg/L** RPD Limit: **15**
SampID: 24041526-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		4		**48**	20.00	29.97	90.2	47.17	1.74	04/18/2024

Batch R346082 **SampType:** MBLK Units **mg/L**
SampID: ICB/MBLK

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		4		**< 4**	0.5000	0	0	-100	100	04/19/2024

Batch R346082 **SampType:** LCS Units **mg/L**
SampID: ICV/LCS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		4		**20**	20.00	0	97.6	90	110	04/19/2024

Batch R346082 **SampType:** MS Units **mg/L**
SampID: 24040437-004AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		20		**129**	100.0	40.89	88.0	85	115	04/19/2024

Batch R346082 **SampType:** MSD Units **mg/L** RPD Limit: **15**
SampID: 24040437-004AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		20		**133**	100.0	40.89	92.1	128.9	3.16	04/19/2024

Batch R346082 **SampType:** MS Units **mg/L**
SampID: 24040437-006AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		4		**37**	20.00	18.88	88.2	85	115	04/19/2024

Batch R346082 **SampType:** MSD Units **mg/L** RPD Limit: **15**
SampID: 24040437-006AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		4		**37**	20.00	18.88	88.4	36.52	0.14	04/19/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24040437

Client Project: BAL-24Q2 **Report Date:** 17-May-24

SW-846 9251 (TOTAL)

Batch R346082 **SampType:** MS Units **mg/L**
SampID: 24040437-040AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		4	E	**68**	20.00	46.07	108.2	85	115	04/20/2024

Batch R346082 **SampType:** MSD Units **mg/L** RPD Limit: **15**
SampID: 24040437-040AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		4	E	**67**	20.00	46.07	104.8	67.70	0.99	04/20/2024

Batch R346082 **SampType:** MS Units **mg/L**
SampID: 24041555-009AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		4		**25**	20.00	6.200	91.6	85	115	04/19/2024

Batch R346082 **SampType:** MSD Units **mg/L** RPD Limit: **15**
SampID: 24041555-009AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		4		**25**	20.00	6.200	93.0	24.52	1.14	04/19/2024

Batch R346082 **SampType:** MS Units **mg/L**
SampID: 24041675-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		40		**289**	200.0	109.8	89.8	85	115	04/19/2024

Batch R346082 **SampType:** MSD Units **mg/L** RPD Limit: **15**
SampID: 24041675-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		40		**284**	200.0	109.8	87.3	289.4	1.78	04/19/2024

Batch R346242 **SampType:** MBLK Units **mg/L**
SampID: ICB/MBLK

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		4		**< 4**	0.5000	0	0	-100	100	04/23/2024

Batch R346242 **SampType:** LCS Units **mg/L**
SampID: ICV/LCS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		4		**20**	20.00	0	99.4	90	110	04/23/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24040437

Client Project: BAL-24Q2 **Report Date:** 17-May-24

SW-846 9251 (TOTAL)

Batch R346242 **SampType:** MS Units **mg/L**
SampID: 24041644-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		80		**630**	400.0	276.3	88.5	85	115	04/23/2024

Batch R346242 **SampType:** MSD Units **mg/L** RPD Limit: **15**
SampID: 24041644-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		80		**628**	400.0	276.3	87.9	630.3	0.41	04/23/2024

Batch R346242 **SampType:** MS Units **mg/L**
SampID: 24041684-002AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		2000		**16700**	10000	7712	90.0	85	115	04/23/2024

Batch R346242 **SampType:** MSD Units **mg/L** RPD Limit: **15**
SampID: 24041684-002AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		2000		**16500**	10000	7712	87.7	16710	1.37	04/23/2024

Batch R346242 **SampType:** MS Units **mg/L**
SampID: 24041706-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		40		**238**	200.0	50.42	93.8	85	115	04/23/2024

Batch R346242 **SampType:** MSD Units **mg/L** RPD Limit: **15**
SampID: 24041706-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		40		**251**	200.0	50.42	100.3	238.1	5.31	04/23/2024

Batch R346242 **SampType:** MS Units **mg/L**
SampID: 24041708-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		4	S	**43**	20.00	26.35	84.8	85	115	04/23/2024

Batch R346242 **SampType:** MSD Units **mg/L** RPD Limit: **15**
SampID: 24041708-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		4		**44**	20.00	26.35	87.0	43.31	0.99	04/23/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24040437

Client Project: BAL-24Q2 **Report Date:** 17-May-24

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

Batch 221509 **SampType:** MBLK Units **mg/L**

SampID: MBLK-221509

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Arsenic		0.0250		**< 0.0250**	0.0087	0	0	-100	100	04/19/2024
Calcium		0.100		**< 0.100**	0.0350	0	0	-100	100	04/19/2024
Iron		0.0400		**< 0.0400**	0.0200	0	0	-100	100	04/19/2024
Magnesium		0.0500		**< 0.0500**	0.0055	0	0	-100	100	04/19/2024
Manganese		0.0070		**< 0.0070**	0.0025	0	0	-100	100	04/19/2024
Potassium		0.100		**< 0.100**	0.0400	0	0	-100	100	04/19/2024
Sodium		0.0500		**< 0.0500**	0.0180	0	0	-100	100	04/19/2024

Batch 221509 **SampType:** LCS Units **mg/L**

SampID: LCS-221509

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Arsenic		0.0250		**0.523**	0.5000	0	104.7	85	115	04/19/2024
Calcium		0.100		**2.53**	2.500	0	101.3	85	115	04/19/2024
Iron		0.0400		**2.11**	2.000	0	105.5	85	115	04/19/2024
Magnesium		0.0500		**2.43**	2.500	0	97.4	85	115	04/19/2024
Manganese		0.0070		**0.505**	0.5000	0	100.9	85	115	04/19/2024
Potassium		0.100		**2.64**	2.500	0	105.8	85	115	04/19/2024
Sodium		0.0500		**2.56**	2.500	0	102.4	85	115	04/19/2024

Batch 221509 **SampType:** MS Units **mg/L**

SampID: 24040437-003CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100	S	**198**	2.500	192.8	203.2	75	125	04/19/2024
Magnesium		0.0500	S	**155**	2.500	150.7	162.6	75	125	04/19/2024
Potassium		0.100		**3.66**	2.500	0.8591	111.8	75	125	04/19/2024
Sodium		0.0500	S	**106**	2.500	102.3	161.6	75	125	04/19/2024

Batch 221509 **SampType:** MSD Units **mg/L** RPD Limit: **20**

SampID: 24040437-003CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Calcium		0.100	S	**201**	2.500	192.8	318.8	197.9	1.45	04/19/2024
Magnesium		0.0500	S	**157**	2.500	150.7	254.3	154.8	1.47	04/19/2024
Potassium		0.100		**3.68**	2.500	0.8591	112.8	3.655	0.64	04/19/2024
Sodium		0.0500	S	**107**	2.500	102.3	206.4	106.3	1.05	04/19/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24040437

Client Project: BAL-24Q2 **Report Date:** 17-May-24

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

Batch 221556 **SampType:** MBLK Units **mg/L**

SampID: MBLK-221556

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Arsenic		0.0250		**< 0.0250**	0.0087	0	0	-100	100	04/19/2024
Calcium		0.100		**< 0.100**	0.0350	0	0	-100	100	04/18/2024
Calcium		0.100		**< 0.100**	0.0350	0	0	-100	100	04/17/2024
Calcium		0.100		**< 0.100**	0.0350	0	0	-100	100	04/19/2024
Iron		0.0400		**< 0.0400**	0.0200	0	0	-100	100	04/19/2024
Lead		0.0150		**< 0.0150**	0.0040	0	0	-100	100	04/19/2024
Magnesium		0.0500		**< 0.0500**	0.0055	0	0	-100	100	04/17/2024
Magnesium		0.0500		**< 0.0500**	0.0055	0	0	-100	100	04/18/2024
Magnesium		0.0500		**< 0.0500**	0.0055	0	0	-100	100	04/19/2024
Manganese		0.0070		**< 0.0070**	0.0025	0	0	-100	100	04/19/2024
Potassium		0.100		**< 0.100**	0.0400	0	0	-100	100	04/18/2024
Potassium		0.100		**< 0.100**	0.0400	0	0	-100	100	04/19/2024
Potassium		0.100		**< 0.100**	0.0400	0	0	-100	100	04/17/2024
Sodium		0.0500		**< 0.0500**	0.0180	0	0	-100	100	04/18/2024
Sodium		0.0500		**< 0.0500**	0.0180	0	0	-100	100	04/19/2024
Sodium		0.0500		**< 0.0500**	0.0180	0	0	-100	100	04/17/2024

Batch 221556 **SampType:** LCS Units **mg/L**

SampID: LCS-221556

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Arsenic		0.0250		**0.518**	0.5000	0	103.5	85	115	04/19/2024
Calcium		0.100		**2.70**	2.500	0	107.9	85	115	04/19/2024
Calcium		0.100		**2.61**	2.500	0	104.5	85	115	04/17/2024
Calcium		0.100		**2.64**	2.500	0	105.7	85	115	04/18/2024
Iron		0.0400		**2.14**	2.000	0	107.0	85	115	04/19/2024
Lead		0.0150		**0.496**	0.5000	0	99.1	85	115	04/19/2024
Magnesium		0.0500		**2.36**	2.500	0	94.4	85	115	04/17/2024
Magnesium		0.0500		**2.54**	2.500	0	101.4	85	115	04/18/2024
Magnesium		0.0500		**2.48**	2.500	0	99.2	85	115	04/19/2024
Manganese		0.0070		**0.513**	0.5000	0	102.5	85	115	04/19/2024
Potassium		0.100		**2.80**	2.500	0	111.8	85	115	04/18/2024
Potassium		0.100		**2.55**	2.500	0	101.9	85	115	04/17/2024
Potassium		0.100		**2.72**	2.500	0	108.7	85	115	04/19/2024
Sodium		0.0500		**2.47**	2.500	0	98.8	85	115	04/17/2024
Sodium		0.0500		**2.65**	2.500	0	106.2	85	115	04/18/2024
Sodium		0.0500		**2.64**	2.500	0	105.7	85	115	04/19/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24040437

Client Project: BAL-24Q2 **Report Date:** 17-May-24

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

Batch 221595 **SampType:** MBLK Units **mg/L**
SampID: MBLK-221595

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		**< 0.100**	0.0350	0	0	-100	100	04/19/2024
Magnesium		0.0500		**< 0.0500**	0.0055	0	0	-100	100	04/19/2024
Potassium		0.100		**< 0.100**	0.0400	0	0	-100	100	04/19/2024
Sodium		0.0500		**< 0.0500**	0.0180	0	0	-100	100	04/19/2024

Batch 221595 **SampType:** LCS Units **mg/L**
SampID: LCS-221595

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		**2.40**	2.500	0	96.0	85	115	04/19/2024
Magnesium		0.0500		**2.25**	2.500	0	90.0	85	115	04/19/2024
Potassium		0.100		**2.55**	2.500	0	101.8	85	115	04/19/2024
Sodium		0.0500		**2.38**	2.500	0	95.4	85	115	04/19/2024

Batch 221595 **SampType:** MS Units **mg/L**
SampID: 24040437-022BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		**41.6**	2.500	39.50	82.4	75	125	04/19/2024
Magnesium		0.0500		**24.8**	2.500	22.81	80.8	75	125	04/19/2024
Potassium		0.100		**8.24**	2.500	5.730	100.3	75	125	04/19/2024
Sodium		0.0500	S	**1130**	2.500	1150	-940.4	75	125	04/19/2024

Batch 221595 **SampType:** MSD Units **mg/L** RPD Limit: **20**
SampID: 24040437-022BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Calcium		0.100		**41.6**	2.500	39.50	82.8	41.56	0.02	04/19/2024
Magnesium		0.0500	S	**24.6**	2.500	22.81	73.6	24.83	0.74	04/19/2024
Potassium		0.100		**8.49**	2.500	5.730	110.6	8.239	3.05	04/19/2024
Sodium		0.0500	S	**1160**	2.500	1150	485.6	1127	3.11	04/19/2024

Batch 221595 **SampType:** MS Units **mg/L**
SampID: 24040437-031BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		**9.47**	2.500	7.050	96.8	75	125	04/19/2024
Magnesium		0.0500		**6.42**	2.500	4.086	93.3	75	125	04/19/2024
Potassium		0.100		**5.86**	2.500	3.020	113.6	75	125	04/19/2024
Sodium		0.0500	S	**1020**	2.500	997.4	761.6	75	125	04/19/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24040437

Client Project: BAL-24Q2 **Report Date:** 17-May-24

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

Batch 221595 **SampType:** MSD Units **mg/L** RPD Limit: **20**

SampID: 24040437-031BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Calcium		0.100		**9.58**	2.500	7.050	101.2	9.470	1.15	04/19/2024
Magnesium		0.0500		**6.49**	2.500	4.086	96.3	6.419	1.14	04/19/2024
Potassium		0.100		**5.89**	2.500	3.020	114.9	5.858	0.57	04/19/2024
Sodium		0.0500	S	**1020**	2.500	997.4	962.0	1016	0.49	04/19/2024

Batch 221725 **SampType:** MBLK Units **mg/L**

SampID: MBLK-221725

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		**< 0.100**	0.0350	0	0	-100	100	04/22/2024
Magnesium		0.0500		**< 0.0500**	0.0055	0	0	-100	100	04/22/2024
Potassium		0.100		**< 0.100**	0.0400	0	0	-100	100	04/22/2024
Sodium		0.0500		**< 0.0500**	0.0180	0	0	-100	100	04/22/2024

Batch 221725 **SampType:** LCS Units **mg/L**

SampID: LCS-221725

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		**2.48**	2.500	0	99.2	85	115	04/22/2024
Magnesium		0.0500		**2.44**	2.500	0	97.7	85	115	04/22/2024
Potassium		0.100		**2.60**	2.500	0	103.9	85	115	04/22/2024
Sodium		0.0500		**2.43**	2.500	0	97.4	85	115	04/22/2024

Batch 221725 **SampType:** MS Units **mg/L**

SampID: 24040437-011CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100	S	**203**	2.500	208.9	-253.6	75	125	04/22/2024
Magnesium		0.0500	S	**83.1**	2.500	84.74	-63.9	75	125	04/22/2024
Potassium		0.100		**4.54**	2.500	1.822	108.8	75	125	04/22/2024
Sodium		0.0500	S	**97.1**	2.500	97.13	-2.8	75	125	04/22/2024

Batch 221725 **SampType:** MSD Units **mg/L** RPD Limit: **20**

SampID: 24040437-011CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Calcium		0.100	S	**208**	2.500	208.9	-34.0	202.5	2.67	04/22/2024
Magnesium		0.0500	S	**85.6**	2.500	84.74	34.2	83.14	2.91	04/22/2024
Potassium		0.100		**4.46**	2.500	1.822	105.5	4.541	1.78	04/22/2024
Sodium		0.0500	S	**96.7**	2.500	97.13	-18.8	97.06	0.41	04/22/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24040437

Client Project: BAL-24Q2 **Report Date:** 17-May-24

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

Batch 221725 **SampType:** MS Units **mg/L**
SampID: 24041557-001BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100	S	**72.1**	2.500	71.36	30.0	75	125	04/22/2024

Batch 221725 **SampType:** MSD Units **mg/L** RPD Limit: **20**
SampID: 24041557-001BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Calcium		0.100		**73.9**	2.500	71.36	102.4	72.11	2.48	04/22/2024

Batch 222030 **SampType:** MBLK Units **mg/L**
SampID: MBLK-222030

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	05/01/2024
Magnesium		0.0500		**< 0.0500**	0.0055	0	0	-100	100	05/01/2024
Manganese		0.0070		**< 0.0070**	0.0025	0	0	-100	100	05/01/2024
Potassium		0.100		**< 0.100**	0.0400	0	0	-100	100	05/01/2024
Sodium		0.0500		**< 0.0500**	0.0180	0	0	-100	100	05/01/2024

Batch 222030 **SampType:** LCS Units **mg/L**
SampID: LCS-222030

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		**2.45**	2.500	0	98.0	85	115	05/01/2024
Magnesium		0.0500		**2.46**	2.500	0	98.3	85	115	05/01/2024
Manganese		0.0070		**0.507**	0.5000	0	101.3	85	115	05/01/2024
Potassium		0.100		**2.82**	2.500	0	112.8	85	115	05/01/2024
Sodium		0.0500		**2.56**	2.500	0	102.2	85	115	05/01/2024

Batch 222030 **SampType:** MS Units **mg/L**
SampID: 24041957-001CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Manganese		0.0070		**0.553**	0.5000	0.002700	110.1	75	125	04/29/2024

Batch 222030 **SampType:** MSD Units **mg/L** RPD Limit: **20**
SampID: 24041957-001CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Manganese		0.0070		**0.563**	0.5000	0.002700	112.0	0.5530	1.72	04/29/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24040437

Client Project: BAL-24Q2 **Report Date:** 17-May-24

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

Batch 222030 **SampType:** MS Units **mg/L**
SampID: 24041980-005DMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Manganese		0.0070		**2.19**	0.5000	1.601	117.6	75	125	04/29/2024

Batch 222030 **SampType:** MSD Units **mg/L** RPD Limit: **20**
SampID: 24041980-005DMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Manganese		0.0070		**2.13**	0.5000	1.601	105.5	2.189	2.81	04/29/2024

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

Batch 221599 **SampType:** MBLK Units **mg/L**
SampID: MBLK-221599

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Boron		0.0250		**< 0.0250**	0.0093	0	0	-100	100	04/22/2024

Batch 221599 **SampType:** LCS Units **mg/L**
SampID: LCS-221599

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Boron		0.0250		**0.475**	0.5000	0	94.9	80	120	04/22/2024

Batch 221659 **SampType:** MBLK Units **mg/L**
SampID: MBLK-221659

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Boron		0.0250		**< 0.0250**	0.0093	0	0	-100	100	04/20/2024

Batch 221659 **SampType:** LCS Units **mg/L**
SampID: LCS-221659

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Boron		0.0250		**0.433**	0.5000	0	86.6	80	120	04/20/2024

Batch 221729 **SampType:** MBLK Units **mg/L**
SampID: MBLK-221729

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Boron		0.0250		**< 0.0250**	0.0093	0	0	-100	100	04/23/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24040437

Client Project: BAL-24Q2 **Report Date:** 17-May-24

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

Batch 221729 **SampType:** LCS Units **mg/L**

SampID: LCS-221729

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Boron		0.0250		**0.451**	0.5000	0	90.2	80	120	04/23/2024

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

Batch 221509 **SampType:** MBLK Units **mg/L**

SampID: MBLK-221509

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		0.0010		**< 0.0010**	0.0004	0	0	-100	100	04/20/2024
Arsenic		0.0010		**< 0.0010**	0.0004	0	0	-100	100	04/20/2024
Barium		0.0010		**< 0.0010**	0.0007	0	0	-100	100	04/20/2024
Beryllium		0.0010		**< 0.0010**	0.0002	0	0	-100	100	04/20/2024
Boron		0.0250		**< 0.0250**	0.0093	0	0	-100	100	04/20/2024
Cadmium		0.0010		**< 0.0010**	0.0001	0	0	-100	100	04/20/2024
Chromium		0.0015		**< 0.0015**	0.0007	0	0	-100	100	04/20/2024
Cobalt		0.0010		**< 0.0010**	0.0001	0	0	-100	100	04/20/2024
Iron		0.0250		**< 0.0250**	0.0115	0	0	-100	100	04/20/2024
Lead		0.0010		**< 0.0010**	0.0006	0	0	-100	100	04/25/2024
Lithium	*	0.0030		**< 0.0030**	0.0015	0	0	-100	100	04/20/2024
Manganese		0.0020		**< 0.0020**	0.0008	0	0	-100	100	04/20/2024
Molybdenum		0.0015		**< 0.0015**	0.0006	0	0	-100	100	04/20/2024
Selenium		0.0010		**< 0.0010**	0.0006	0	0	-100	100	04/20/2024
Thallium		0.0020		**< 0.0020**	0.0010	0	0	-100	100	04/20/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24040437

Client Project: BAL-24Q2 **Report Date:** 17-May-24

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

Batch 221509 **SampType:** LCS Units **mg/L**

SampID: LCS-221509

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		0.0010		**0.516**	0.5000	0	103.1	80	120	04/20/2024
Arsenic		0.0010		**0.511**	0.5000	0	102.2	80	120	04/20/2024
Barium		0.0010		**2.10**	2.000	0	105.0	80	120	04/20/2024
Beryllium		0.0010		**0.0508**	0.0500	0	101.6	80	120	04/20/2024
Boron		0.0250		**0.492**	0.5000	0	98.5	80	120	04/20/2024
Cadmium		0.0010		**0.0516**	0.0500	0	103.2	80	120	04/20/2024
Chromium		0.0015		**0.214**	0.2000	0	107.1	80	120	04/20/2024
Cobalt		0.0010		**0.515**	0.5000	0	102.9	80	120	04/20/2024
Iron		0.0250		**2.07**	2.000	0	103.6	80	120	04/20/2024
Lead		0.0010		**0.565**	0.5000	0	113.1	80	120	04/25/2024
Lithium	*	0.0030		**0.502**	0.5000	0	100.5	80	120	04/20/2024
Manganese		0.0020		**0.522**	0.5000	0	104.3	80	120	04/20/2024
Molybdenum		0.0015		**0.471**	0.5000	0	94.1	80	120	04/20/2024
Selenium		0.0010		**0.530**	0.5000	0	106.1	80	120	04/20/2024
Thallium		0.0020		**0.218**	0.2500	0	87.1	80	120	04/20/2024

Batch 221509 **SampType:** MS Units **mg/L**

SampID: 24040437-003CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		0.0010		**0.517**	0.5000	0	103.5	75	125	04/20/2024
Arsenic		0.0010		**0.510**	0.5000	0	102.0	75	125	04/20/2024
Barium		0.0010		**2.05**	2.000	0.01600	101.7	75	125	04/20/2024
Beryllium		0.0010		**0.0502**	0.0500	0	100.5	75	125	04/20/2024
Boron		0.0250	S	**4.14**	0.5000	3.487	130.2	75	125	04/20/2024
Cadmium		0.0010		**0.0516**	0.0500	0	103.3	75	125	04/20/2024
Chromium		0.0015		**0.208**	0.2000	0.0007273	103.7	75	125	04/20/2024
Cobalt		0.0010		**0.502**	0.5000	0	100.3	75	125	04/20/2024
Iron		0.0250		**2.22**	2.000	0.07663	107.0	75	125	04/20/2024
Lead		0.0010		**0.559**	0.5000	0.0008830	111.7	75	125	04/25/2024
Lithium	*	0.0030		**0.565**	0.5000	0.05430	102.1	75	125	04/20/2024
Manganese		0.0020		**0.512**	0.5000	0.001188	102.2	75	125	04/20/2024
Molybdenum		0.0015		**0.477**	0.5000	0.001158	95.2	75	125	04/20/2024
Selenium		0.0010		**0.513**	0.5000	0	102.6	75	125	04/20/2024
Thallium		0.0020		**0.238**	0.2500	0	95.1	75	125	04/20/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24040437

Client Project: BAL-24Q2 **Report Date:** 17-May-24

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

Batch 221509 **SampType:** MSD Units **mg/L** RPD Limit: **20**

SampID: 24040437-003CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Antimony		0.0010		**0.533**	0.5000	0	106.5	0.5175	2.89	04/20/2024
Arsenic		0.0010		**0.533**	0.5000	0	106.6	0.5102	4.35	04/20/2024
Barium		0.0010		**2.13**	2.000	0.01600	105.6	2.050	3.70	04/20/2024
Beryllium		0.0010		**0.0530**	0.0500	0	106.0	0.05024	5.39	04/20/2024
Boron		0.0250	S	**4.24**	0.5000	3.487	151.0	4.138	2.47	04/20/2024
Cadmium		0.0010		**0.0523**	0.0500	0	104.6	0.05163	1.33	04/20/2024
Chromium		0.0015		**0.212**	0.2000	0.0007273	105.7	0.2082	1.85	04/20/2024
Cobalt		0.0010		**0.517**	0.5000	0	103.4	0.5017	3.05	04/20/2024
Iron		0.0250		**2.12**	2.000	0.07663	102.2	2.216	4.40	04/20/2024
Lead		0.0010		**0.574**	0.5000	0.0008830	114.7	0.5592	2.65	04/25/2024
Lithium	*	0.0030		**0.583**	0.5000	0.05430	105.8	0.5650	3.14	04/20/2024
Manganese		0.0020		**0.516**	0.5000	0.001188	103.0	0.5122	0.78	04/20/2024
Molybdenum		0.0015		**0.497**	0.5000	0.001158	99.3	0.4771	4.17	04/20/2024
Selenium		0.0010		**0.529**	0.5000	0	105.7	0.5128	3.03	04/20/2024
Thallium		0.0020		**0.256**	0.2500	0	102.2	0.2378	7.23	04/20/2024

Batch 221509 **SampType:** MS Units **mg/L**

SampID: 24040437-008CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Iron		0.0250		**2.20**	2.000	0.06159	106.8	75	125	04/20/2024
Manganese		0.0020	S	**1.52**	0.5000	0.8609	132.0	75	125	04/30/2024

Batch 221509 **SampType:** MSD Units **mg/L** RPD Limit: **20**

SampID: 24040437-008CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Iron		0.0250		**2.18**	2.000	0.06159	106.0	2.197	0.71	04/20/2024
Manganese		0.0020	S	**1.53**	0.5000	0.8609	133.9	1.521	0.63	04/30/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24040437

Client Project: BAL-24Q2 **Report Date:** 17-May-24

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

Batch 221556 **SampType:** MBLK Units **mg/L**

SampID: MBLK-221556

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		0.0010		**< 0.0010**	0.0004	0	0	-100	100	04/23/2024
Arsenic		0.0010		**< 0.0010**	0.0004	0	0	-100	100	04/20/2024
Barium		0.0010		**< 0.0010**	0.0007	0	0	-100	100	04/20/2024
Beryllium		0.0010		**< 0.0010**	0.0002	0	0	-100	100	04/22/2024
Boron		0.0250		**< 0.0250**	0.0093	0	0	-100	100	04/22/2024
Cadmium		0.0010		**< 0.0010**	0.0001	0	0	-100	100	04/20/2024
Chromium		0.0015		**< 0.0015**	0.0007	0	0	-100	100	04/23/2024
Cobalt		0.0010		**< 0.0010**	0.0001	0	0	-100	100	04/20/2024
Iron		0.0250		**< 0.0250**	0.0115	0	0	-100	100	04/20/2024
Lead		0.0010		**< 0.0010**	0.0006	0	0	-100	100	04/20/2024
Lithium	*	0.0030		**< 0.0030**	0.0015	0	0	-100	100	04/22/2024
Manganese		0.0020		**< 0.0020**	0.0008	0	0	-100	100	04/20/2024
Molybdenum		0.0015		**< 0.0015**	0.0006	0	0	-100	100	04/20/2024
Selenium		0.0010		**< 0.0010**	0.0006	0	0	-100	100	04/20/2024
Thallium		0.0020		**< 0.0020**	0.0010	0	0	-100	100	04/20/2024

Batch 221556 **SampType:** LCS Units **mg/L**

SampID: LCS-221556

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		0.0010		**0.509**	0.5000	0	101.9	80	120	04/23/2024
Arsenic		0.0010		**0.529**	0.5000	0	105.8	80	120	04/20/2024
Barium		0.0010		**2.19**	2.000	0	109.4	80	120	04/20/2024
Beryllium		0.0010		**0.0484**	0.0500	0	96.8	80	120	04/22/2024
Boron		0.0250		**0.508**	0.5000	0	101.6	80	120	04/22/2024
Cadmium		0.0010		**0.0533**	0.0500	0	106.7	80	120	04/20/2024
Chromium		0.0015		**0.210**	0.2000	0	105.2	80	120	04/23/2024
Cobalt		0.0010		**0.525**	0.5000	0	104.9	80	120	04/20/2024
Iron		0.0250		**2.12**	2.000	0	105.9	80	120	04/20/2024
Lead		0.0010		**0.530**	0.5000	0	106.1	80	120	04/20/2024
Lithium	*	0.0030		**0.503**	0.5000	0	100.6	80	120	04/22/2024
Manganese		0.0020		**0.530**	0.5000	0	105.9	80	120	04/20/2024
Molybdenum		0.0015		**0.482**	0.5000	0	96.5	80	120	04/20/2024
Selenium		0.0010		**0.539**	0.5000	0	107.8	80	120	04/20/2024
Thallium		0.0020		**0.244**	0.2500	0	97.4	80	120	04/20/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24040437

Client Project: BAL-24Q2 **Report Date:** 17-May-24

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

Batch 221595 **SampType:** MBLK Units **mg/L**

SampID: MBLK-221595

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		0.0010		**< 0.0010**	0.0004	0	0	-100	100	04/24/2024
Antimony		0.0010	S	**0.0022**	0.0004	0	497.5	-100	100	04/23/2024
Arsenic		0.0010		**< 0.0010**	0.0004	0	0	-100	100	04/20/2024
Barium		0.0010		**< 0.0010**	0.0007	0	0	-100	100	04/20/2024
Beryllium		0.0010		**< 0.0010**	0.0002	0	0	-100	100	04/20/2024
Boron		0.0250		**< 0.0250**	0.0093	0	0	-100	100	04/20/2024
Cadmium		0.0010		**< 0.0010**	0.0001	0	0	-100	100	04/20/2024
Chromium		0.0015		**< 0.0015**	0.0007	0	0	-100	100	04/23/2024
Cobalt		0.0010		**< 0.0010**	0.0001	0	0	-100	100	04/20/2024
Iron		0.0250		**< 0.0250**	0.0115	0	0	-100	100	04/20/2024
Lead		0.0010	S	**0.0052**	0.0006	0	873.6	-100	100	04/20/2024
Lithium	*	0.0030		**< 0.0030**	0.0015	0	0	-100	100	04/20/2024
Manganese		0.0020		**< 0.0020**	0.0008	0	0	-100	100	04/20/2024
Molybdenum		0.0015		**< 0.0015**	0.0006	0	0	-100	100	04/20/2024
Selenium		0.0010		**< 0.0010**	0.0006	0	0	-100	100	04/23/2024
Thallium		0.0020		**< 0.0020**	0.0010	0	0	-100	100	04/20/2024

Batch 221595 **SampType:** LCS Units **mg/L**

SampID: LCS-221595

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		0.0010	B	**0.551**	0.5000	0	110.1	80	120	04/23/2024
Arsenic		0.0010		**0.480**	0.5000	0	96.1	80	120	04/20/2024
Barium		0.0010		**2.06**	2.000	0	103.2	80	120	04/20/2024
Beryllium		0.0010		**0.0501**	0.0500	0	100.2	80	120	04/20/2024
Boron		0.0250		**0.509**	0.5000	0	101.8	80	120	04/20/2024
Cadmium		0.0010		**0.0496**	0.0500	0	99.1	80	120	04/20/2024
Chromium		0.0015		**0.234**	0.2000	0	116.8	80	120	04/23/2024
Cobalt		0.0010		**0.491**	0.5000	0	98.2	80	120	04/20/2024
Iron		0.0250		**2.01**	2.000	0	100.7	80	120	04/20/2024
Lead		0.0010	B	**0.508**	0.5000	0	101.7	80	120	04/20/2024
Lithium	*	0.0030		**0.515**	0.5000	0	103.0	80	120	04/20/2024
Manganese		0.0020		**0.508**	0.5000	0	101.5	80	120	04/20/2024
Molybdenum		0.0015		**0.444**	0.5000	0	88.9	80	120	04/20/2024
Selenium		0.0010		**0.575**	0.5000	0	114.9	80	120	04/23/2024
Thallium		0.0020		**0.232**	0.2500	0	92.9	80	120	04/20/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24040437

Client Project: BAL-24Q2 **Report Date:** 17-May-24

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

Batch 221595 **SampType:** MS Units **mg/L**

SampID: 24040437-022BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		0.0010		**0.564**	0.5000	0	112.8	75	125	04/24/2024
Arsenic		0.0010		**0.523**	0.5000	0.0007763	104.4	75	125	04/20/2024
Barium		0.0010		**2.14**	2.000	0.04150	104.7	75	125	04/20/2024
Beryllium		0.0010		**0.0524**	0.0500	0	104.8	75	125	04/20/2024
Boron		0.0250	S	**2.40**	0.5000	1.763	127.9	75	125	04/22/2024
Cadmium		0.0010		**0.0501**	0.0500	0	100.2	75	125	04/20/2024
Chromium		0.0015		**0.229**	0.2000	0	114.4	75	125	04/23/2024
Cobalt		0.0010		**0.487**	0.5000	0.0001773	97.4	75	125	04/20/2024
Lead		0.0010	B	**0.534**	0.5000	0	106.9	75	125	04/20/2024
Lithium	*	0.0030		**0.629**	0.5000	0.1703	91.8	75	125	04/20/2024
Molybdenum		0.0015		**0.494**	0.5000	0.007622	97.3	75	125	04/20/2024
Selenium		0.0010		**0.560**	0.5000	0	112.0	75	125	04/23/2024
Thallium		0.0020		**0.245**	0.2500	0	98.1	75	125	04/20/2024

Batch 221595 **SampType:** MSD Units **mg/L** RPD Limit: **20**

SampID: 24040437-022BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Antimony		0.0010		**0.557**	0.5000	0	111.5	0.5639	1.14	04/24/2024
Arsenic		0.0010		**0.507**	0.5000	0.0007763	101.2	0.5227	3.15	04/20/2024
Barium		0.0010		**2.09**	2.000	0.04150	102.4	2.136	2.20	04/20/2024
Beryllium		0.0010		**0.0488**	0.0500	0	97.5	0.05240	7.19	04/20/2024
Boron		0.0250	S	**2.50**	0.5000	1.763	148.0	2.403	4.11	04/22/2024
Cadmium		0.0010		**0.0483**	0.0500	0	96.6	0.05012	3.75	04/20/2024
Chromium		0.0015		**0.241**	0.2000	0	120.5	0.2289	5.13	04/23/2024
Cobalt		0.0010		**0.479**	0.5000	0.0001773	95.8	0.4874	1.66	04/20/2024
Lead		0.0010	B	**0.522**	0.5000	0	104.4	0.5343	2.28	04/20/2024
Lithium	*	0.0030		**0.622**	0.5000	0.1703	90.4	0.6294	1.10	04/20/2024
Molybdenum		0.0015		**0.489**	0.5000	0.007622	96.2	0.4940	1.05	04/20/2024
Selenium		0.0010		**0.596**	0.5000	0	119.2	0.5598	6.24	04/23/2024
Thallium		0.0020		**0.243**	0.2500	0	97.1	0.2452	1.03	04/20/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24040437

Client Project: BAL-24Q2 **Report Date:** 17-May-24

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

Batch 221595 **SampType:** MS Units **mg/L**

SampID: 24040437-031BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		0.0010	B	**0.530**	0.5000	0	105.9	75	125	04/23/2024
Arsenic		0.0010		**0.460**	0.5000	0	92.0	75	125	04/20/2024
Barium		0.0010		**2.14**	2.000	0.04163	105.1	75	125	04/20/2024
Beryllium		0.0010		**0.0507**	0.0500	0	101.4	75	125	04/20/2024
Boron		0.0250		**2.30**	0.5000	1.831	94.3	75	125	04/23/2024
Cadmium		0.0010		**0.0495**	0.0500	0	99.0	75	125	04/20/2024
Chromium		0.0015		**0.186**	0.2000	0.0008024	92.4	75	125	04/23/2024
Cobalt		0.0010		**0.465**	0.5000	0	92.9	75	125	04/20/2024
Lead		0.0010	B	**0.543**	0.5000	0	108.6	75	125	04/20/2024
Lithium	*	0.0030		**0.563**	0.5000	0.07140	98.3	75	125	04/23/2024
Molybdenum		0.0015		**0.466**	0.5000	0	93.2	75	125	04/20/2024
Selenium		0.0010		**0.445**	0.5000	0	89.0	75	125	04/23/2024
Thallium		0.0020		**0.253**	0.2500	0	101.1	75	125	04/20/2024

Batch 221595 **SampType:** MSD Units **mg/L** RPD Limit: **20**

SampID: 24040437-031BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Antimony		0.0010	B	**0.540**	0.5000	0	108.0	0.5296	1.97	04/23/2024
Arsenic		0.0010		**0.477**	0.5000	0	95.3	0.4601	3.51	04/20/2024
Barium		0.0010		**2.18**	2.000	0.04163	106.9	2.143	1.66	04/20/2024
Beryllium		0.0010		**0.0518**	0.0500	0	103.7	0.05070	2.21	04/20/2024
Boron		0.0250		**2.33**	0.5000	1.831	99.6	2.302	1.13	04/23/2024
Cadmium		0.0010		**0.0509**	0.0500	0	101.8	0.04951	2.73	04/20/2024
Chromium		0.0015		**0.185**	0.2000	0.0008024	92.3	0.1856	0.06	04/23/2024
Cobalt		0.0010		**0.479**	0.5000	0	95.8	0.4646	3.02	04/20/2024
Lead		0.0010	B	**0.545**	0.5000	0	109.0	0.5431	0.32	04/20/2024
Lithium	*	0.0030		**0.570**	0.5000	0.07140	99.8	0.5627	1.36	04/23/2024
Molybdenum		0.0015		**0.478**	0.5000	0	95.6	0.4658	2.53	04/20/2024
Selenium		0.0010		**0.452**	0.5000	0	90.5	0.4450	1.66	04/23/2024
Thallium		0.0020		**0.257**	0.2500	0	102.6	0.2527	1.48	04/20/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24040437

Client Project: BAL-24Q2 **Report Date:** 17-May-24

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

Batch 221725 **SampType:** MBLK Units **mg/L**

SampID: MBLK-221725

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		0.0010	S	**0.0020**	0.0004	0	452.1	-100	100	04/23/2024
Antimony		0.0010		**< 0.0010**	0.0004	0	0	-100	100	04/24/2024
Arsenic		0.0010		**< 0.0010**	0.0004	0	0	-100	100	04/23/2024
Barium		0.0010		**< 0.0010**	0.0007	0	0	-100	100	04/23/2024
Beryllium		0.0010		**< 0.0010**	0.0002	0	0	-100	100	04/23/2024
Boron		0.0250		**< 0.0250**	0.0093	0	0	-100	100	04/23/2024
Cadmium		0.0010		**< 0.0010**	0.0001	0	0	-100	100	04/23/2024
Chromium		0.0015		**< 0.0015**	0.0007	0	0	-100	100	04/23/2024
Cobalt		0.0010		**< 0.0010**	0.0001	0	0	-100	100	04/23/2024
Iron		0.0250		**< 0.0250**	0.0115	0	0	-100	100	04/23/2024
Lead		0.0010		**< 0.0010**	0.0006	0	0	-100	100	04/23/2024
Lithium	*	0.0030		**< 0.0030**	0.0015	0	0	-100	100	04/23/2024
Manganese		0.0020		**< 0.0020**	0.0008	0	0	-100	100	04/23/2024
Molybdenum		0.0015		**< 0.0015**	0.0006	0	0	-100	100	04/23/2024
Selenium		0.0010		**< 0.0010**	0.0006	0	0	-100	100	04/23/2024
Thallium		0.0020		**< 0.0020**	0.0010	0	0	-100	100	04/23/2024

Batch 221725 **SampType:** LCS Units **mg/L**

SampID: LCS-221725

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		0.0010	B	**0.526**	0.5000	0	105.1	80	120	04/23/2024
Arsenic		0.0010		**0.521**	0.5000	0	104.3	80	120	04/23/2024
Barium		0.0010		**2.07**	2.000	0	103.5	80	120	04/23/2024
Beryllium		0.0010		**0.0486**	0.0500	0	97.2	80	120	04/23/2024
Boron		0.0250		**0.495**	0.5000	0	99.0	80	120	04/23/2024
Cadmium		0.0010		**0.0514**	0.0500	0	102.9	80	120	04/23/2024
Chromium		0.0015		**0.218**	0.2000	0	109.2	80	120	04/23/2024
Cobalt		0.0010		**0.504**	0.5000	0	100.9	80	120	04/23/2024
Iron		0.0250		**2.02**	2.000	0	101.2	80	120	04/23/2024
Lead		0.0010		**0.509**	0.5000	0	101.8	80	120	04/23/2024
Lithium	*	0.0030		**0.490**	0.5000	0	98.1	80	120	04/23/2024
Manganese		0.0020		**0.516**	0.5000	0	103.2	80	120	04/23/2024
Molybdenum		0.0015		**0.475**	0.5000	0	95.1	80	120	04/23/2024
Selenium		0.0010		**0.548**	0.5000	0	109.7	80	120	04/23/2024
Thallium		0.0020		**0.238**	0.2500	0	95.2	80	120	04/23/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24040437

Client Project: BAL-24Q2 **Report Date:** 17-May-24

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

Batch 221725 **SampType:** MS Units **mg/L**

SampID: 24040437-011CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		0.0010		**0.523**	0.5000	0.002000	104.3	75	125	04/24/2024
Arsenic		0.0010		**0.516**	0.5000	0.0009114	103.1	75	125	04/23/2024
Barium		0.0010		**2.06**	2.000	0.03912	101.0	75	125	04/23/2024
Beryllium		0.0010		**0.0474**	0.0500	0	94.8	75	125	04/23/2024
Boron		0.0250		**0.634**	0.5000	0.2080	85.1	75	125	04/23/2024
Cadmium		0.0010		**0.0500**	0.0500	0	100.0	75	125	04/23/2024
Chromium		0.0015		**0.216**	0.2000	0.001013	107.3	75	125	04/23/2024
Cobalt		0.0010		**0.472**	0.5000	0.001572	94.1	75	125	04/23/2024
Iron		0.0250		**2.54**	2.000	0.7454	89.7	75	125	04/23/2024
Lead		0.0010		**0.490**	0.5000	0.0007691	97.9	75	125	04/23/2024
Lithium	*	0.0030		**0.476**	0.5000	0.01878	91.4	75	125	04/23/2024
Manganese		0.0020		**0.655**	0.5000	0.2397	83.1	75	125	04/23/2024
Molybdenum		0.0015		**0.461**	0.5000	0.001039	91.9	75	125	04/23/2024
Selenium		0.0010		**0.559**	0.5000	0	111.8	75	125	04/23/2024
Thallium		0.0020		**0.231**	0.2500	0	92.5	75	125	04/23/2024

Batch 221725 **SampType:** MSD Units **mg/L** RPD Limit: **20**

SampID: 24040437-011CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Antimony		0.0010		**0.527**	0.5000	0.002000	105.0	0.5233	0.72	04/24/2024
Arsenic		0.0010		**0.516**	0.5000	0.0009114	103.0	0.5162	0.02	04/23/2024
Barium		0.0010		**2.13**	2.000	0.03912	104.5	2.059	3.36	04/23/2024
Beryllium		0.0010		**0.0513**	0.0500	0	102.7	0.04742	7.92	04/23/2024
Boron		0.0250		**0.686**	0.5000	0.2080	95.6	0.6337	7.91	04/23/2024
Cadmium		0.0010		**0.0519**	0.0500	0	103.8	0.04998	3.79	04/23/2024
Chromium		0.0015		**0.209**	0.2000	0.001013	103.9	0.2157	3.25	04/23/2024
Cobalt		0.0010		**0.485**	0.5000	0.001572	96.8	0.4720	2.79	04/23/2024
Iron		0.0250		**2.63**	2.000	0.7454	94.4	2.539	3.65	04/23/2024
Lead		0.0010		**0.506**	0.5000	0.0007691	101.1	0.4905	3.20	04/23/2024
Lithium	*	0.0030		**0.516**	0.5000	0.01878	99.4	0.4758	8.02	04/23/2024
Manganese		0.0020		**0.676**	0.5000	0.2397	87.3	0.6551	3.16	04/23/2024
Molybdenum		0.0015		**0.484**	0.5000	0.001039	96.6	0.4607	4.93	04/23/2024
Selenium		0.0010		**0.534**	0.5000	0	106.9	0.5588	4.46	04/23/2024
Thallium		0.0020		**0.244**	0.2500	0	97.6	0.2312	5.39	04/23/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24040437

Client Project: BAL-24Q2 **Report Date:** 17-May-24

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

Batch 222030 **SampType:** MBLK Units **mg/L**

SampID: MBLK-222030

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		0.0010		**< 0.0010**	0.0004	0	0	-100	100	04/30/2024
Arsenic		0.0010		**< 0.0010**	0.0004	0	0	-100	100	04/29/2024
Cadmium		0.0010		**< 0.0010**	0.0001	0	0	-100	100	04/29/2024
Lead		0.0010		**< 0.0010**	0.0006	0	0	-100	100	04/30/2024
Manganese		0.0020		**< 0.0020**	0.0008	0	0	-100	100	04/29/2024
Selenium		0.0010		**< 0.0010**	0.0006	0	0	-100	100	04/29/2024
Thallium		0.0020		**< 0.0020**	0.0010	0	0	-100	100	04/29/2024

Batch 222030 **SampType:** LCS Units **mg/L**

SampID: LCS-222030

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		0.0010		**0.508**	0.5000	0	101.5	85	115	04/30/2024
Arsenic		0.0010		**0.526**	0.5000	0	105.2	85	115	04/29/2024
Cadmium		0.0010		**0.0550**	0.0500	0	110.1	85	115	04/29/2024
Lead		0.0010	E	**0.519**	0.5000	0	103.8	85	115	04/30/2024
Manganese		0.0020		**0.530**	0.5000	0	106.0	85	115	04/29/2024
Selenium		0.0010		**0.546**	0.5000	0	109.2	85	115	04/29/2024
Thallium		0.0020		**0.261**	0.2500	0	104.3	85	115	04/29/2024

Batch 222030 **SampType:** MS Units **mg/L**

SampID: 24041957-001CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		0.0010		**0.523**	0.5000	0.0004989	104.6	70	130	04/30/2024
Selenium		0.0010		**0.529**	0.5000	0.005890	104.6	70	130	04/30/2024
Thallium		0.0020		**0.261**	0.2500	0	104.5	70	130	04/30/2024

Batch 222030 **SampType:** MSD Units **mg/L** RPD Limit: **20**

SampID: 24041957-001CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Antimony		0.0010		**0.516**	0.5000	0.0004989	103.1	0.5234	1.42	04/30/2024
Selenium		0.0010		**0.524**	0.5000	0.005890	103.5	0.5291	1.06	04/30/2024
Thallium		0.0020		**0.259**	0.2500	0	103.7	0.2613	0.77	04/30/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24040437

Client Project: BAL-24Q2 **Report Date:** 17-May-24

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

Batch 222457 **SampType:** MBLK Units **mg/L**
SampID: MBLK-222457

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Barium		0.0010		**< 0.0010**	0.0007	0	0	-100	100	05/07/2024
Iron		0.0250		**< 0.0250**	0.0115	0	0	-100	100	05/07/2024

Batch 222457 **SampType:** LCS Units **mg/L**
SampID: LCS-222457

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Barium		0.0010		**2.24**	2.000	0	111.8	80	120	05/07/2024
Iron		0.0250		**1.96**	2.000	0	98.0	80	120	05/07/2024

SW-846 7470A (TOTAL)

Batch 221655 **SampType:** MBLK Units **mg/L**
SampID: MBLK-221655

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.00020		**< 0.00020**	0.0001	0	0	-100	100	04/19/2024

Batch 221655 **SampType:** LCS Units **mg/L**
SampID: LCS-221655

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.00020		**0.00545**	0.0050	0	109.1	85	115	04/19/2024

Batch 221655 **SampType:** MS Units **mg/L**
SampID: 24040437-013CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.00020		**0.00525**	0.0050	0	105.0	75	125	04/19/2024

Batch 221655 **SampType:** MSD Units **mg/L** RPD Limit: **15**
SampID: 24040437-013CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury		0.00020		**0.00536**	0.0050	0	107.3	0.005249	2.15	04/19/2024

Batch 221655 **SampType:** MS Units **mg/L**
SampID: 24040437-028BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.00020		**0.00484**	0.0050	0	96.8	75	125	04/19/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24040437

Client Project: BAL-24Q2 **Report Date:** 17-May-24

SW-846 7470A (TOTAL)

Batch 221655 **SampType:** MSD Units **mg/L** RPD Limit: **15**
SampID: 24040437-028BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury		0.00020		**0.00485**	0.0050	0	97.0	0.004839	0.20	04/19/2024

Batch 221681 **SampType:** MBLK Units **mg/L**
SampID: MBLK-221681

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.00020		**< 0.00020**	0.0001	0	0	-100	100	04/19/2024

Batch 221681 **SampType:** LCS Units **mg/L**
SampID: LCS-221681

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.00020		**0.00541**	0.0050	0	108.2	85	115	04/19/2024

Batch 221681 **SampType:** MS Units **mg/L**
SampID: 24041294-004BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.00020		**0.00523**	0.0050	0	104.6	75	125	04/19/2024

Batch 221681 **SampType:** MSD Units **mg/L** RPD Limit: **15**
SampID: 24041294-004BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury		0.00020		**0.00514**	0.0050	0	102.8	0.005231	1.72	04/19/2024

Batch 221681 **SampType:** MS Units **mg/L**
SampID: 24041399-003BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.00020		**0.00527**	0.0050	0	105.4	75	125	04/19/2024

Batch 221681 **SampType:** MSD Units **mg/L** RPD Limit: **15**
SampID: 24041399-003BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury		0.00020		**0.00505**	0.0050	0	101.1	0.005270	4.19	04/19/2024

Batch 221711 **SampType:** MBLK Units **mg/L**
SampID: MBLK-221711

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.00020		**< 0.00020**	0.0001	0	0	-100	100	04/23/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24040437

Client Project: BAL-24Q2 **Report Date:** 17-May-24

SW-846 7470A (TOTAL)

Batch 221711 **SampType:** LCS Units **mg/L**
SampID: LCS-221711

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.00020		**0.00483**	0.0050	0	96.6	85	115	04/23/2024

Batch 221711 **SampType:** MS Units **mg/L**
SampID: 24040437-035BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.00020		**0.00472**	0.0050	0	94.5	75	125	04/23/2024

Batch 221711 **SampType:** MSD Units **mg/L** RPD Limit: **15**
SampID: 24040437-035BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury		0.00020		**0.00470**	0.0050	0	93.9	0.004724	0.58	04/23/2024

Batch 221711 **SampType:** MS Units **mg/L**
SampID: 24041399-005BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.00020		**0.00428**	0.0050	0	85.7	75	125	04/23/2024

Batch 221711 **SampType:** MSD Units **mg/L** RPD Limit: **15**
SampID: 24041399-005BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury		0.00020		**0.00423**	0.0050	0	84.6	0.004283	1.27	04/23/2024

Receiving Check List

Client: Ramboll
Client Project: BAL-24Q2

Work Order: 24040437
Report Date: 17-May-24

Carrier: Justin Colp
Received By: NR

Completed by: Paul Schultz
On: 18-Apr-24

Reviewed by: Ellie Hopkins
On: 19-Apr-24

Pages to follow: Chain of custody 9 Extra pages included 0

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐	Temp °C 18.7
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 4/16/24 at 16:30 on ice [18.7 C - LTG#7]. - nickreed - 4/16/2024 5:10:49 PM

Additional Nitric Acid (97291) was needed in MW-104DR, MW-104SR, MW-304, MW-356, MW-366, MW-369, MW-370, MW-390, MW-392, MW-394, and MW-304 DUP upon arrival at the laboratory. pH strip #96651. - nickreed - 4/16/2024 5:11:48 PM

Samples were received on 4/17/2024 at 16:50 on ice [0.9C - LTG#5]. LM - pschultz - 4/18/2024 8:51:41 AM

pH strip #96651. - pschultz - 4/18/2024 8:52:39 AM

Additional Nitric Acid (97291) was needed in MW-150, MW-384, and PZ-170 upon arrival at the laboratory. - pschultz - 4/18/2024 8:52:43 AM

Samples were received on 4/18/2024 at 15:30 on ice [17.9C - LTG#7]. - pschultz - 4/19/2024 8:18:47 AM

pH strip #96651. - pschultz - 4/19/2024 8:20:25 AM

Field Blank and Equipment Blank 1 were filtered and preserved with Nitric Acid (97291) and left unpreserved for the dissolved parameters upon arrival at the laboratory. - pschultz - 4/19/2024 8:20:47 AM

24040437

CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: 1 of 3

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company:	Vistra Corp-Baldwin	Report To:	Brian Voelker	Attention:	Kim Edmiaston
Address:	10901 Baldwin Road	Copy To:	Sam Davies-samantha.davies@vistracorp.com	Company Name:	Vistra Corp
	Baldwin, IL 62217		Kim Edmiaston-Kimberly.Edmiaston@vistracorp.com	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:	2285	Profile #:	

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

Site Location STATE: IL

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 #	Section D Required Client Information: SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE	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) Y/N	Analysis Test: BAL-257-601	BAL-257-605	BAL-845-601	BAL-845-605	BAL-WPCP-605	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	MW-104DR X	WT	G	4/16/24	1347		4	2		2											X		24040437-001
2	MW-104SR X	WT	G	4/16/24	1432		4	2		2											X		24040437-002
3	MW-150	WT	G				4	2		2							X		X		X		24040437-003
4	MW-151	WT	G				4	2		2							X		X		X		24040437-004
5	MW-152	WT	G				4	2		2							X		X		X		24040437-005
6	MW-153	WT	G				4	2		2							X		X		X		24040437-006
7	MW-154	WT	G				4	2		2											X		24040437-007
8	MW-155	WT	G				4	2		2											X		24040437-008
9	MW-192 *	WT	G	4-16-24	1139		2	1		1							X		X				24040437-009
10	MW-193	WT	G	4-16-24	1044		2	1		1							X		X				24040437-010
11	MW-252	WT	G				4	2		2								X		X	X		24040437-011
12	MW-253	WT	G				4	2		2								X		X	X		24040437-012
13	MW-304 X	WT	G	4/16/24	1130		4	2		2							X	X	X	X	X		24040437-013
14	MW-306	WT	G				4	2		2							X	X	X	X	X		24040437-014
15	MW-350	WT	G				4	2		2								X		X	X		24040437-015
16	MW-352	WT	G				4	2		2								X		X	X		24040437-016

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS: Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
BAL-24Q2 Rev 0	J. Cdp	4-16	1630	Mark Reed	4/16	1630	7	②	z	
							14			

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Justin Cdp

SIGNATURE of SAMPLER: Just Cdp DATE Signed (MM/DD/YY): 4-16-24

* No volume added to the preserved container in the field. Sample was split upon arrival.
ph: 96651
X Added HNO_3 (97291) LM 4/16

LTG#7

CHAIN-OF-CUSTODY / Analytical Request Document

Confidential

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:	Kim Edmiaston
Address:	10901 Baldwin Road	Copy To:	Sam Davies-samantha.davies@vistracorp.com	Company Name:	Vistra Corp
	Baldwin, IL 62217		Kim Edmiaston-Kimberly.Edmiaston@vistracorp.com	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:	2285	Profile #:	

REGULATORY AGENCY

NPDES GROUND WATER DRINKING WATER
UST RCRA OTHER

Site Location STATE: IL

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 #	Section D Required Client Information: SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE		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) Y/N	Analysis Test: BAL-257-601	BAL-257-605	BAL-845-601	BAL-845-605	BAL-WPCP-605	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	MW-355		WT	G				4	2		2												X		24040437-017
2	MW-356	X	WT	G	4-16-24	1223		2	1		1							X		X					24040437-018
3	MW-358		WT	G				2	1		1							X	X	X	X				24040437-019
4	MW-366	X	WT	G	4-16-24	1443		2	1		1								X		X				24040437-020
5	MW-369	X	WT	G	4-16-24	1318		2	1		1							X		X					24040437-021
6	MW-370	X	WT	G	4-16-24	1339		2	1		1							X		X					24040437-022
7	MW-375		WT	G				2	1		1								X		X				24040437-023
8	MW-377		WT	G				2	1		1								X		X				24040437-024
9	MW-382		WT	G				2	1		1							X		X					24040437-025
10	MW-383		WT	G				2	1		1								X		X				24040437-026
11	MW-384		WT	G				2	1		1								X		X				24040437-027
12	MW-390	X	WT	G	4-16-24	1419		2	1		1								X		X				24040437-028
13	MW-391		WT	G				2	1		1								X		X				24040437-029
14	MW-392	X	WT	G	4-16-24	1152		2	1		1							X		X					24040437-030
15	MW-393	X	WT	G	4-16-24	1104		2	1		1							X		X					24040437-031
16	MW-394	X	WT	G	4-16-24	1010		2	1		1							X		X					24040437-032

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS	Y	N	
BAL-24Q2 Rev 0	J. Colp	4-16	1630	Mina Reed	4/16	1630				

SAMPLER NAME AND SIGNATURE			Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER:	Justin Colp					
SIGNATURE of SAMPLER:		DATE Signed (MM/DD/YY): 4-16-24				

CHAIN-OF-CUSTODY / Analytical Request Document

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

24040437

Page: 3 BAL-257-605 3

Section A Required Client Information:

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

Section B Required Project Information:

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

Section C Invoice Information:

Attention:	Kim Edmiaston
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

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-WPCP-605	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	OW-156	WT	G				0														X		24040437-033
2	OW-157	WT	G				0														X		24040437-034
3	OW-256	WT	G				2	1		1							X		X				24040437-035
4	OW-257	WT	G				2	1		1							X		X				24040437-036
5	PZ-170	WT	G				2	1		1							X		X				24040437-037
6	PZ-182	WT	G				2	1		1							X		X				24040437-038
7	TPZ-164	WT	G				2	1		1							X		X				24040437-039
8	XPW01	WT	G				2	1		1							X		X				24040437-040
9	XPW05	WT	G				2	1		1							X		X				24040437-041
10	XPW06	WT	G				2	1		1							X		X				24040437-042
11	+ Field Blank	WT	G				4	3		1							X	X	X	X	X		24040437-043
12	MW-304 Duplicate X	WT	G	4/16/24	1130		4	2		2							X	X	X	X	X		24040437-044
13	+ Equipment Blank 1	WT	G				4	3		1							X	X	X	X	X		24040437-045
14	+ Equipment Blank 2	WT	G				4	3		1							X	X	X	X	X		24040437-046
15	+ Equipment Blank 3	WT	G				4	3		1							X	X	X	X	X		24040437-047
16																							

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS	Y	N	
BAL-24Q2 Rev 0	J. Colp	4/16/24	1630	Brian Reed	4/16	1630				
+ Filter blanks @ lab. EMT 4/16/24										

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:	Justin Colp	DATE Signed (MM/DD/YY):				

24040437

CHAIN-OF-CUSTODY / Analytical Request Document

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

Section A Required Client Information:

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

Section B Required Project Information:

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

Section C Invoice Information:

Attention:	Kim Edmiaston
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: DRINKING WATER DW; WATER WT; WASTE WATER WW; PRODUCT P; SOIL/SOLID SL; OIL CL; WIPE WP; AIR AR; OTHER OT; 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-WPCP-605	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	MW-104DR	WT	G				4	2		2											X		24040437-001
2	MW-104SR	WT	G				4	2		2											X		24040437-002
3	MW-150	WT	G	4-17-24	1144		4	2		2								X		X	X		24040437-003
4	MW-151	WT	G				4	2		2								X		X	X		24040437-004
5	MW-152	WT	G				4	2		2								X		X	X		24040437-005
6	MW-153	WT	G				4	2		2								X		X	X		24040437-006
7	MW-154	WT	G				4	2		2											X		24040437-007
8	MW-155	WT	G	4-17-24	1255		4	2		2											X		24040437-008
9	MW-192	WT	G				2	1		1							X		X				24040437-009
10	MW-193	WT	G				2	1		1							X		X				24040437-010
11	MW-252	WT	G				4	2		2								X		X	X		24040437-011
12	MW-253	WT	G				4	2		2								X		X	X		24040437-012
13	MW-304	WT	G				4	2		2							X	X	X	X	X		24040437-013
14	MW-306	WT	G				4	2		2							X	X	X	X	X		24040437-014
15	MW-350	WT	G				4	2		2								X		X	X		24040437-015
16	MW-352	WT	G				4	2		2								X		X	X		24040437-016

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS: Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
BAL-24Q2 Rev 0	J. Colp	4-17	1650		4/17/24	1650	#5	(Y)	N	
							0.9	X		

pH w 9665

Added HNO3 to samples MW-150, MW-304, P2-170

JS 4/18/24

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Justin Colp

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 4-17-24

CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: 2 of 3

Section A Required Client Information:

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

Section B Required Project Information:

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

Section C Invoice Information:

Attention:	Kim Edmiaston
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

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 #	Section D Required Client Information: SAMPLE ID (A-Z, 0-9 / ,- Sample IDs MUST BE UNIQUE)	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) Y/N	Analysis Test: BAL-257-601	BAL-257-605	BAL-845-601	BAL-845-605	BAL-WPCP-605	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	MW-355	WT	G	4-17-24	1223		4	2		2											X		24040437-017
2	MW-356	WT	G				2	1		1							X		X				24040437-018
3	MW-358	WT	G	4-17-24	1017		2	1		1							X	X	X	X			24040437-019
4	MW-366	WT	G				2	1		1								X		X			24040437-020
5	MW-369	WT	G				2	1		1							X		X				24040437-021
6	MW-370	WT	G				2	1		1							X		X				24040437-022
7	MW-375	WT	G	4-17-24	1347		2	1		1								X		X			24040437-023
8	MW-377	WT	G	4/17/24	1426		2	1		1								X		X			24040437-024
9	MW-382	WT	G	4/17/24	1307		2	1		1							X		X				24040437-025
10	MW-383	WT	G	4-17-24	1052		2	1		1								X		X			24040437-026
11	MW-384	WT	G	4-17-24	1117		2	1		1								X		X			24040437-027
12	MW-390	WT	G				2	1		1								X		X			24040437-028
13	MW-391	WT	G				2	1		1								X		X			24040437-029
14	MW-392	WT	G				2	1		1							X		X				24040437-030
15	MW-393	WT	G				2	1		1							X		X				24040437-031
16	MW-394	WT	G				2	1		1							X		X				24040437-032

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS	Y	N	
BAL-24Q2 Rev 0	J. Cole	4-17	1650		4/17/24	1650				

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: JUSTIN COLE

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 4-17-24

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

CHAIN-OF-CUSTODY / Analytical Request Document

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

24040437

Page: 3 BAL-257-605 3

Section A Required Client Information:

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

Section B Required Project Information:

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

Section C Invoice Information:

Attention:	Kim Edmiaston
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

MATRIX	
DRINKING WATER	DW
WATER	WT
WASTE WATER	WW
PRODUCT	P
SOIL/SOLID	SL
OIL	OL
WIPE	WP
AIR	AR
OTHER	OT
	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-WPCP-605	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	OW-156	WT	G	4/17/24	1524		0														X		24040437-033
2	OW-157	WT	G	4/17/24	1515		0														X		24040437-034
3	OW-256	WT	G	4-17-24	1500		2	1		1							X		X				24040437-035
4	OW-257	WT	G	4-17-24	1429		2	1		1							X		X				24040437-036
5	PZ-170	WT	G	4/17/24	1045		2	1		1							X		X				24040437-037
6	PZ-182	WT	G	4/17/24	1158		2	1		1							X		X				24040437-038
7	TPZ-164	WT	G				2	1		1							X		X				24040437-039
8	XPW01	WT	G				2	1		1							X		X				24040437-040
9	XPW05	WT	G				2	1		1							X		X				24040437-041
10	XPW06	WT	G				2	1		1							X		X				24040437-042
11	+ Field Blank	WT	G				4	3		1							X	X	X	X	X		24040437-043
12	MW-304 Duplicate	WT	G				4	2		2							X	X	X	X	X		24040437-044
13	+ Equipment Blank 1	WT	G				4	3		1							X	X	X	X	X		24040437-045
14	+ Equipment Blank 2	WT	G				4	3		1							X	X	X	X	X		24040437-046
15	+ Equipment Blank 3	WT	G				4	3		1							X	X	X	X	X		24040437-047
16																							

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS	Y	N	
BAL-24Q2 Rev 0	J. Colp	4-17	1650		4/17/24	1650				
+ Filter Blanks @ lab										
Sent 4/10/24										

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: JUSTIN COLP

SIGNATURE of SAMPLER: DATE Signed (MM/DD/YY): 4-17-24

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

CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: 1 of 3

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company:	Vistra Corp-Baldwin	Report To:	Brian Voelker	Attention:	Kim Edmiaston
Address:	10901 Baldwin Road	Copy To:	Sam Davies-samantha.davies@vistracorp.com	Company Name:	Vistra Corp
	Baldwin, IL 62217		Kim Edmiaston-Kimberly.Edmiaston@vistracorp.com	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:	2285	Profile #:	

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

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 #	Section D Required Client Information: SAMPLE ID (A-Z, 0-9 / , - Sample IDs MUST BE UNIQUE)	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) Y/N	Analysis Test: BAL-257-601	BAL-257-605	BAL-845-601	BAL-845-605	BAL-WPCP-605	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	MW-104DR	WT	G				4	2		2											X		24040437-001
2	MW-104SR	WT	G				4	2		2											X		24040437-002
3	MW-150	WT	G				4	2		2								X		X	X		24040437-003
4	MW-151	WT	G	4-18-24	1145		4	2		2								X		X	X		24040437-004
5	MW-152	WT	G	4-18-24	1041		4	2		2								X		X	X		24040437-005
6	MW-153	WT	G	4/18/24	1047		4	2		2								X		X	X		24040437-006
7	MW-154	WT	G				4	2		2											X		24040437-007
8	MW-155	WT	G				4	2		2											X		24040437-008
9	MW-192	WT	G				2	1		1							X		X				24040437-009
10	MW-193	WT	G				2	1		1							X		X				24040437-010
11	MW-252	WT	G	4-18-24	1058		4	2		2								X		X	X		24040437-011
12	MW-253	WT	G				4	2		2								X		X	X		24040437-012
13	MW-304	WT	G				4	2		2							X	X	X	X	X		24040437-013
14	MW-306	WT	G				4	2		2							X	X	X	X	X		24040437-014
15	MW-350	WT	G				4	2		2								X		X	X		24040437-015
16	MW-352	WT	G	4-18-24	1120		4	2		2								X		X	X		24040437-016

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS: Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
BAL-24Q2 Rev 0	J. Colp	4-18	1530	Whitney King	4/18	1530	17.9	Y	N	
							17.7			

SAMPLER NAME AND SIGNATURE		
PRINT Name of SAMPLER:	Justin Colp	
SIGNATURE of SAMPLER:		DATE Signed (MM/DD/YY): 4-18-24

pH 9645

filtered preserved w/ HNO3 for FB & EQ1

filtered for unpreserved analysis for FB & EQ1

PS 4/19/24

CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: 2 of 3 BAL-257-605

Section A Required Client Information:

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

Section B Required Project Information:

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

Section C Invoice Information:

Attention:	Kim Edmiaston
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

MATRIX	
DRINKING WATER	DW
WATER	WT
WASTE WATER	WW
PRODUCT	P
SOIL/SOLID	SL
OIL	OL
WIPE	WP
AIR	AR
OTHER	OT
	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-WPCP-605	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	MW-355	WT	G				4	2		2											X		24040437-017
2	MW-356	WT	G				2	1		1							X		X				24040437-018
3	MW-358	WT	G				2	1		1							X	X	X	X			24040437-019
4	MW-366	WT	G				2	1		1								X		X			24040437-020
5	MW-369	WT	G				2	1		1							X		X				24040437-021
6	MW-370	WT	G				2	1		1							X		X				24040437-022
7	MW-375	WT	G				2	1		1								X		X			24040437-023
8	MW-377	WT	G				2	1		1								X		X			24040437-024
9	MW-382	WT	G				2	1		1							X		X				24040437-025
10	MW-383	WT	G				2	1		1								X		X			24040437-026
11	MW-384	WT	G				2	1		1								X		X			24040437-027
12	MW-390	WT	G				2	1		1								X		X			24040437-028
13	MW-391 DRY	WT	G	4/18/24	935		2	1		1								X		X			24040437-029
14	MW-392	WT	G				2	1		1							X		X				24040437-030
15	MW-393	WT	G				2	1		1							X		X				24040437-031
16	MW-394	WT	G				2	1		1							X		X				24040437-032

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
BAL-24Q2 Rev 0	J. Colp	4-18	1530	Whitney Ollinger	4/18	1530	17.9	⑧	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: Justin Colp

SIGNATURE of SAMPLER: Justin Colp DATE Signed (MM/DD/YY): 4-18-24

CHAIN-OF-CUSTODY / Analytical Request Document

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

24040437

Page: 3 of 3

BAL-257-605

Section A Required Client Information:

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

Section B Required Project Information:

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

Section C Invoice Information:

Attention:	Kim Edmiaston
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 (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-WPCP-605	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	OW-156	WT	G				0														X		24040437-033
2	OW-157	WT	G				0														X		24040437-034
3	OW-256	WT	G				2	1		1							X		X				24040437-035
4	OW-257	WT	G				2	1		1							X		X				24040437-036
5	PZ-170	WT	G				2	1		1							X		X				24040437-037
6	PZ-182	WT	G				2	1		1							X		X				24040437-038
7	TPZ-164	WT	G	4/18/24	1229		2	1		1							X		X				24040437-039
8	XPW01	WT	G	4-18-24	0841		2	1		1							X		X				24040437-040
9	XPW05	WT	G	4-18-24	0920		2	1		1							X		X				24040437-041
10	XPW06	WT	G	4-18-24	0947		2	1		1							X		X				24040437-042
11	+ Field Blank	WT	G	4-18-24	1145		4	3		1							X	X	X	X	X		24040437-043
12	MW-304 Duplicate	WT	G				4	2		2							X	X	X	X	X		24040437-044
13	+ Equipment Blank 1	WT	G	4-18-24	1520		4	3		1							X	X	X	X	X		24040437-045
14	+ Equipment Blank 2	WT	G				4	3		1							X	X	X	X	X		24040437-046
15	+ Equipment Blank 3	WT	G				4	3		1							X	X	X	X	X		24040437-047
16																							

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
BAL-24Q2 Rev 0	J. Cdp	4-18	1530	Whitney Ohmsett	4/18	1530	17.9	(Y)	N	
+ Filter Blanks @ lab. EAM 4/19/24										

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Justin Cdp

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 4-18-24

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

Teklab, Inc.
Environmental Laboratory

http://www.teklabinc.com/

May 20, 2024

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

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

RE: BAL-24Q2 **WorkOrder:** 24040438

Dear Eric Bauer:

TEKLAB, INC received 34 samples on 4/18/2024 3:30:00 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
Client Project: BAL-24Q2

Work Order: 24040438
Report Date: 20-May-24

This reporting package includes the following:

Cover Letter	1
Report Contents	2
Definitions	3
Case Narrative	5
Accreditations	6
Laboratory Results	7
Sample Summary	37
Receiving Check List	38
Chain of Custody	Appended

Definitions

Client: Ramboll **Work Order:** 24040438

Client Project: BAL-24Q2 **Report Date:** 20-May-24

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

Definitions

Client: Ramboll **Work Order:** 24040438

Client Project: BAL-24Q2 **Report Date:** 20-May-24

Qualifiers

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

Case Narrative

Client: Ramboll
Client Project: BAL-24Q2

Work Order: 24040438
Report Date: 20-May-24

Cooler Receipt Temp: 18.7 °C

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

Per Chase Christenson, cancel sampling of MW-253, MW-306, and MW-350. EAH 4/17/24

MW-391 could not be collected; the well was dry. Equipment Blanks 2 and 3 were not needed. PS/EAH 4/19/24

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

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:** 24040438

Client Project: BAL-24Q2 **Report Date:** 20-May-24

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

Laboratory Results

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

Client: Ramboll **Work Order:** 24040438

Client Project: BAL-24Q2 **Report Date:** 20-May-24

Lab ID: 24040438-001 **Client Sample ID:** MW-150

Matrix: GROUNDWATER **Collection Date:** 04/17/2024 11:44

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	05/14/2024 11:51	R347550

Laboratory Results

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

Client: Ramboll **Work Order:** 24040438

Client Project: BAL-24Q2 **Report Date:** 20-May-24

Lab ID: 24040438-002 **Client Sample ID:** MW-151

Matrix: GROUNDWATER **Collection Date:** 04/18/2024 11:45

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	05/14/2024 11:51	R347550

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24040438

Client Project: BAL-24Q2 **Report Date:** 20-May-24

Lab ID: 24040438-003 **Client Sample ID:** MW-152

Matrix: GROUNDWATER **Collection Date:** 04/18/2024 10:41

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	05/14/2024 11:51	R347550

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24040438

Client Project: BAL-24Q2 **Report Date:** 20-May-24

Lab ID: 24040438-004 **Client Sample ID:** MW-153

Matrix: GROUNDWATER **Collection Date:** 04/18/2024 10:47

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	05/14/2024 11:51	R347550

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24040438

Client Project: BAL-24Q2 **Report Date:** 20-May-24

Lab ID: 24040438-005 **Client Sample ID:** MW-192

Matrix: GROUNDWATER **Collection Date:** 04/16/2024 11:39

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	05/14/2024 11:52	R347550

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24040438

Client Project: BAL-24Q2 **Report Date:** 20-May-24

Lab ID: 24040438-006 **Client Sample ID:** MW-193

Matrix: GROUNDWATER **Collection Date:** 04/16/2024 10:44

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	05/14/2024 11:52	R347550

Laboratory Results

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

Client: Ramboll **Work Order:** 24040438

Client Project: BAL-24Q2 **Report Date:** 20-May-24

Lab ID: 24040438-007 **Client Sample ID:** MW-252

Matrix: GROUNDWATER **Collection Date:** 04/18/2024 10:58

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	05/14/2024 11:52	R347550

Laboratory Results

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

Client: Ramboll **Work Order:** 24040438

Client Project: BAL-24Q2 **Report Date:** 20-May-24

Lab ID: 24040438-009 **Client Sample ID:** MW-304

Matrix: GROUNDWATER **Collection Date:** 04/16/2024 11:30

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	05/14/2024 11:52	R347550

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24040438

Client Project: BAL-24Q2 **Report Date:** 20-May-24

Lab ID: 24040438-012 **Client Sample ID:** MW-352

Matrix: GROUNDWATER **Collection Date:** 04/18/2024 11:20

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	05/14/2024 11:52	R347550

Laboratory Results

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

Client: Ramboll **Work Order:** 24040438

Client Project: BAL-24Q2 **Report Date:** 20-May-24

Lab ID: 24040438-013 **Client Sample ID:** MW-356

Matrix: GROUNDWATER **Collection Date:** 04/16/2024 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	05/14/2024 11:52	R347550

Laboratory Results

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

Client: Ramboll **Work Order:** 24040438

Client Project: BAL-24Q2 **Report Date:** 20-May-24

Lab ID: 24040438-014 **Client Sample ID:** MW-358

Matrix: GROUNDWATER **Collection Date:** 04/17/2024 10:17

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	05/14/2024 11:53	R347550

Laboratory Results

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

Client: Ramboll **Work Order:** 24040438

Client Project: BAL-24Q2 **Report Date:** 20-May-24

Lab ID: 24040438-015 **Client Sample ID:** MW-366

Matrix: GROUNDWATER **Collection Date:** 04/16/2024 14:43

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	05/14/2024 11:53	R347550

Laboratory Results

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

Client: Ramboll **Work Order:** 24040438

Client Project: BAL-24Q2 **Report Date:** 20-May-24

Lab ID: 24040438-016 **Client Sample ID:** MW-369

Matrix: GROUNDWATER **Collection Date:** 04/16/2024 13:18

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	05/14/2024 11:53	R347550

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24040438

Client Project: BAL-24Q2 **Report Date:** 20-May-24

Lab ID: 24040438-017 **Client Sample ID:** MW-370

Matrix: GROUNDWATER **Collection Date:** 04/16/2024 13:39

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	05/14/2024 11:54	R347550

Laboratory Results

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

Client: Ramboll **Work Order:** 24040438

Client Project: BAL-24Q2 **Report Date:** 20-May-24

Lab ID: 24040438-018 **Client Sample ID:** MW-375

Matrix: GROUNDWATER **Collection Date:** 04/17/2024 13:47

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	05/14/2024 11:54	R347550

Laboratory Results

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

Client: Ramboll **Work Order:** 24040438

Client Project: BAL-24Q2 **Report Date:** 20-May-24

Lab ID: 24040438-019 **Client Sample ID:** MW-377

Matrix: GROUNDWATER **Collection Date:** 04/17/2024 14:26

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	05/14/2024 11:54	R347550

Laboratory Results

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

Client: Ramboll **Work Order:** 24040438

Client Project: BAL-24Q2 **Report Date:** 20-May-24

Lab ID: 24040438-020 **Client Sample ID:** MW-382

Matrix: GROUNDWATER **Collection Date:** 04/17/2024 13:07

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	05/14/2024 11:54	R347550

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24040438

Client Project: BAL-24Q2 **Report Date:** 20-May-24

Lab ID: 24040438-021 **Client Sample ID:** MW-383

Matrix: GROUNDWATER **Collection Date:** 04/17/2024 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	05/14/2024 11:54	R347550

Laboratory Results

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

Client: Ramboll **Work Order:** 24040438

Client Project: BAL-24Q2 **Report Date:** 20-May-24

Lab ID: 24040438-022 **Client Sample ID:** MW-384

Matrix: GROUNDWATER **Collection Date:** 04/17/2024 11:17

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	05/14/2024 11:54	R347550

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24040438

Client Project: BAL-24Q2 **Report Date:** 20-May-24

Lab ID: 24040438-023 **Client Sample ID:** MW-390

Matrix: GROUNDWATER **Collection Date:** 04/16/2024 14:19

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	05/14/2024 11:54	R347550

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24040438

Client Project: BAL-24Q2 **Report Date:** 20-May-24

Lab ID: 24040438-025 **Client Sample ID:** MW-392

Matrix: GROUNDWATER **Collection Date:** 04/16/2024 11:52

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	05/14/2024 12:03	R347550

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24040438

Client Project: BAL-24Q2 **Report Date:** 20-May-24

Lab ID: 24040438-026 **Client Sample ID:** MW-393

Matrix: GROUNDWATER **Collection Date:** 04/16/2024 11:04

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	05/14/2024 12:03	R347550

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24040438

Client Project: BAL-24Q2 **Report Date:** 20-May-24

Lab ID: 24040438-027 **Client Sample ID:** MW-394

Matrix: GROUNDWATER **Collection Date:** 04/16/2024 10:10

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	05/14/2024 12:03	R347550

Laboratory Results

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

Client: Ramboll **Work Order:** 24040438

Client Project: BAL-24Q2 **Report Date:** 20-May-24

Lab ID: 24040438-028 **Client Sample ID:** OW-256

Matrix: GROUNDWATER **Collection Date:** 04/17/2024 15:00

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	05/14/2024 12:03	R347550

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24040438

Client Project: BAL-24Q2 **Report Date:** 20-May-24

Lab ID: 24040438-029 **Client Sample ID:** OW-257

Matrix: GROUNDWATER **Collection Date:** 04/17/2024 14:29

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	05/14/2024 12:03	R347550

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24040438

Client Project: BAL-24Q2 **Report Date:** 20-May-24

Lab ID: 24040438-030 **Client Sample ID:** PZ-170

Matrix: GROUNDWATER **Collection Date:** 04/17/2024 10:45

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	05/14/2024 12:04	R347550

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24040438

Client Project: BAL-24Q2 **Report Date:** 20-May-24

Lab ID: 24040438-031 **Client Sample ID:** PZ-182

Matrix: GROUNDWATER **Collection Date:** 04/17/2024 11:58

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	05/14/2024 12:04	R347550

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24040438

Client Project: BAL-24Q2 **Report Date:** 20-May-24

Lab ID: 24040438-032 **Client Sample ID:** Field Blank

Matrix: AQUEOUS **Collection Date:** 04/18/2024 11:45

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	05/14/2024 12:04	R347550

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24040438

Client Project: BAL-24Q2 **Report Date:** 20-May-24

Lab ID: 24040438-033 **Client Sample ID:** MW-304 Duplicate

Matrix: GROUNDWATER **Collection Date:** 04/16/2024 11:30

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	05/14/2024 12:04	R347550

Laboratory Results

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

Client: Ramboll **Work Order:** 24040438

Client Project: BAL-24Q2 **Report Date:** 20-May-24

Lab ID: 24040438-034 **Client Sample ID:** Equipment Blank 1

Matrix: AQUEOUS **Collection Date:** 04/18/2024 15:20

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	05/14/2024 12:16	R347550

Teklab, Inc. Environmental Laboratory

Sample Summary

Client: Ramboll
Client Project: BAL-24Q2

Work Order: 24040438
Report Date: 20-May-24

Lab Sample ID	Client Sample ID	Matrix	Fractions	Collection Date
24040438-001	MW-150	Groundwater	1	04/17/2024 11:44
24040438-002	MW-151	Groundwater	1	04/18/2024 11:45
24040438-003	MW-152	Groundwater	1	04/18/2024 10:41
24040438-004	MW-153	Groundwater	1	04/18/2024 10:47
24040438-005	MW-192	Groundwater	1	04/16/2024 11:39
24040438-006	MW-193	Groundwater	1	04/16/2024 10:44
24040438-007	MW-252	Groundwater	1	04/18/2024 10:58
24040438-008	MW-253	Groundwater	1	
24040438-009	MW-304	Groundwater	1	04/16/2024 11:30
24040438-010	MW-306	Groundwater	1	
24040438-011	MW-350	Groundwater	1	
24040438-012	MW-352	Groundwater	1	04/18/2024 11:20
24040438-013	MW-356	Groundwater	1	04/16/2024 12:23
24040438-014	MW-358	Groundwater	1	04/17/2024 10:17
24040438-015	MW-366	Groundwater	1	04/16/2024 14:43
24040438-016	MW-369	Groundwater	1	04/16/2024 13:18
24040438-017	MW-370	Groundwater	1	04/16/2024 13:39
24040438-018	MW-375	Groundwater	1	04/17/2024 13:47
24040438-019	MW-377	Groundwater	1	04/17/2024 14:26
24040438-020	MW-382	Groundwater	1	04/17/2024 13:07
24040438-021	MW-383	Groundwater	1	04/17/2024 10:52
24040438-022	MW-384	Groundwater	1	04/17/2024 11:17
24040438-023	MW-390	Groundwater	1	04/16/2024 14:19
24040438-024	MW-391	Groundwater	1	04/18/2024 9:35
24040438-025	MW-392	Groundwater	1	04/16/2024 11:52
24040438-026	MW-393	Groundwater	1	04/16/2024 11:04
24040438-027	MW-394	Groundwater	1	04/16/2024 10:10
24040438-028	OW-256	Groundwater	1	04/17/2024 15:00
24040438-029	OW-257	Groundwater	1	04/17/2024 14:29
24040438-030	PZ-170	Groundwater	1	04/17/2024 10:45
24040438-031	PZ-182	Groundwater	1	04/17/2024 11:58
24040438-032	Field Blank	Aqueous	1	04/18/2024 11:45
24040438-033	MW-304 Duplicate	Groundwater	1	04/16/2024 11:30
24040438-034	Equipment Blank 1	Aqueous	1	04/18/2024 15:20

Receiving Check List

Client: Ramboll
Client Project: BAL-24Q2

Work Order: 24040438
Report Date: 20-May-24

Carrier: Justin Colp
Received By: PRS

Completed by: Paul Schultz
On: 16-Apr-24

Reviewed by: Ellie Hopkins
On: 19-Apr-24

Pages to follow: Chain of custody 9 Extra pages included 34

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐	Temp °C 18.7
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. LH - pschultz - 4/16/2024 4:53:19 PM

Additional Nitirc Acid (97291) was needed in MW-304, MW-393, MW-394, and MW-304 Duplicate upon arrival at the laboratory. LH - pschultz - 4/16/2024 4:53:38 PM

Samples were received on 4/17/2024 at 16:50 on ice [0.9C - LTG#5]. LM - pschultz - 4/18/2024 8:36:39 AM

pH strip #96651. - pschultz - 4/18/2024 8:37:46 AM

Additional Nitric Acid (97291) was needed in MW-150, MW-358, MW-383, MW-384, PZ-170, and PZ-182 upon arrival at the laboratory. - pschultz - 4/18/2024 8:38:03 AM

Samples were received on 4/18/2024 at 15:30 on ice [17.9C - LTG#7]. - pschultz - 4/19/2024 8:36:41 AM

pH strip #96651. - pschultz - 4/19/2024 8:37:30 AM

24040438

CHAIN-OF-CUSTODY / Analytical Request Document

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Page: 1 of 3

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company:	Vistra Corp-Baldwin	Report To:	Brian Voelker	Attention:	Kim Edmiaston
Address:	10901 Baldwin Road	Copy To:	Sam Davies-samantha.davies@vistracorp.com	Company Name:	Vistra Corp
	Baldwin, IL 62217		Kim Edmiaston-Kimberly.Edmiaston@vistracorp.com	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:	2285	Profile #:	

REGULATORY AGENCY

NPDES | GROUND WATER | DRINKING WATER
UST | RCRA | OTHER

Site Location STATE: IL

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

ITEM #	Section D Required Client Information: SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE	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-WPCP-605	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	MW-104DR	WT	G	4/16/24	1347																X		N/A
2	MW-104SR	WT	G	4/16/24	1432																X		N/A
3	MW-150	WT	G				2			2								X		X	X		24040438-001
4	MW-151	WT	G				2			2								X		X	X		24040438-002
5	MW-152	WT	G				2			2								X		X	X		24040438-003
6	MW-153	WT	G				2			2								X		X	X		24040438-004
7	MW-154	WT	G																		X		N/A
8	MW-155	WT	G																		X		N/A
9	MW-192	WT	G	4-16-24	1139		2			2							X		X				24040438-005
10	MW-193	WT	G	4-16-24	1044		2			2							X		X				24040438-006
11	MW-252	WT	G				2			2								X		X	X		24040438-007
12	MW-253	WT	G				2			2								X		X	X		24040438-008
13	MW-304	WT	G	4/16/24	1130		2			2							X	X	X	X	X		24040438-009
14	MW-306	WT	G				2			2							X	X	X	X	X		24040438-010
15	MW-350	WT	G				2			2								X		X	X		24040438-011
16	MW-352	WT	G				2			2								X		X	X		24040438-012

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
BAL-24Q2 Rev 0	J. Colp	4-16	1630	Paul Eakley	4/16	1630	
Radium 226/228, only							18.7

SAMPLER NAME AND SIGNATURE			Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER:	Justin Colp					
SIGNATURE of SAMPLER:		DATE Signed (MM/DD/YY): 4-16-24				

PW94651

added HNO3 to samples MW-304, MW-393, MW-394 MW-304 Dup (9729)

LTG

CHAIN-OF-CUSTODY / Analytical Request Document

24040438

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BAL-257-605

Page: 2 of 3

Section A Required Client Information:	Section B Required Project Information:	Section C Invoice Information:
Company: Vistra Corp-Baldwin	Report To: Brian Voelker	Attention: Kim Edmiaston
Address: 10901 Baldwin Road	Copy To: Sam Davies-samantha.davies@vistracorp.com	Company Name: Vistra Corp
Baldwin, IL 62217	Kim Edmiaston-Kimberly.Edmiaston@vistracorp.com	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: 2285	Profile #:

REGULATORY AGENCY

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

Site Location STATE: IL

Requested Analysis Filtered (Y/N)

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 #	Section D Required Client Information: SAMPLE ID (A-Z, 0-9 / .-) Sample IDs MUST BE UNIQUE	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-WPCP-605	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	MW-355	WT	G																		X		N/A
2	MW-356	WT	G	4-16-24	1223		2			2							X		X				24040438-013
3	MW-358	WT	G				2			2							X	X	X	X			24040438-014
4	MW-366	WT	G	4-16-24	1443		2			2								X		X			24040438-015
5	MW-369	WT	G	4-16-24	1318		2			2							X		X				24040438-016
6	MW-370	WT	G	4-16-24	1339		2			2							X		X				24040438-017
7	MW-375	WT	G				2			2								X		X			24040438-018
8	MW-377	WT	G				2			2								X		X			24040438-019
9	MW-382	WT	G				2			2							X		X				24040438-020
10	MW-383	WT	G				2			2								X		X			24040438-021
11	MW-384	WT	G				2			2								X		X			24040438-022
12	MW-390	WT	G	4-16-24	1419		2			2								X		X			24040438-023
13	MW-391	WT	G				2			2								X		X			24040438-024
14	MW-392	WT	G	4-16-24	1152		2			2							X		X				24040438-025
15	MW-393	WT	G	4-16-24	1104		2			2							X		X				24040438-026
16	MW-394	WT	G	4-16-24	1010		2			2							X		X				24040438-027

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS	Y	N	
BAL-24Q2 Rev 0	J. Colp	4-16	1630	Paul Gilley	4/16/24	1630				
Radium 226/228, only							18.7			

SAMPLER NAME AND SIGNATURE				
PRINT Name of SAMPLER:	Justin Colp		Temp in °C	
SIGNATURE of SAMPLER:		DATE Signed (MM/DD/YY): 4.16.24	Received on Ice (Y/N)	
			Custody Sealed Cooler (Y/N)	
			Samples Intact (Y/N)	

LTG7

CHAIN-OF-CUSTODY / Analytical Request Document

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24040438

Page: 3 of 3 BAL-257-605

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company:	Vistra Corp-Baldwin	Report To:	Brian Voelker	Attention:	Kim Edmiaston
Address:	10901 Baldwin Road	Copy To:	Sam Davies-samantha.davies@vistracorp.com	Company Name:	Vistra Corp
	Baldwin, IL 62217		Kim Edmiaston-Kimberly.Edmiaston@vistracorp.com	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:	2285	Profile #:	

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

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 #	Section D Required Client Information SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE	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-WPCP-605	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	OW-156	WT	G																	X		N/A
2	OW-157	WT	G																	X		N/A
3	OW-256	WT	G				2			2						X		X				24040438-028
4	OW-257	WT	G				2			2						X		X				24040438-029
5	PZ-170	WT	G				2			2						X		X				24040438-030
6	PZ-182	WT	G				2			2						X		X				24040438-031
7	TPZ-164	WT	G													X		X				N/A
8	XPW01	WT	G													X		X				N/A
9	XPW05	WT	G													X		X				N/A
10	XPW06	WT	G													X		X				N/A
11	Field Blank	WT	G				2			2						X	X	X	X	X		24040438-032
12	MW-304 Duplicate	WT	G	4/16/24	1130		2			2						X	X	X	X	X		24040438-033
13	Equipment Blank 1	WT	G				2			2						X	X	X	X	X		24040438-034
14	Equipment Blank 2	WT	G				2			2						X	X	X	X	X		24040438-035
15	Equipment Blank 3	WT	G				2			2						X	X	X	X	X		24040438-036
16																						

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
BAL-24Q2 Rev 0	J Colp	4-16	1630	Paul Zelley	4/16/24	1630
Radium 226/228, only						

SAMPLE CONDITIONS			
	Y	N	
18.7			
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 Colp

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 4-16-24

UTG7

CHAIN-OF-CUSTODY / Analytical Request Document

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Page: 1 of 3

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company:	Vistra Corp-Baldwin	Report To:	Brian Voelker	Attention:	Kim Edmiaston
Address:	10901 Baldwin Road	Copy To:	Sam Davies-samantha.davies@vistracorp.com	Company Name:	Vistra Corp
	Baldwin, IL 62217		Kim Edmiaston-Kimberly.Edmiaston@vistracorp.com	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:	2285	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; 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-WPCP-605	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	MW-104DR	WT	G																		X		N/A
2	MW-104SR	WT	G																		X		N/A
3	MW-150	WT	G	4-17-24	1144		2			2								X		X	X		24040438-001
4	MW-151	WT	G				2			2								X		X	X		24040438-002
5	MW-152	WT	G				2			2								X		X	X		24040438-003
6	MW-153	WT	G				2			2								X		X	X		24040438-004
7	MW-154	WT	G																		X		N/A
8	MW-155	WT	G	4-17-24	1255																X		N/A
9	MW-192	WT	G				2			2							X		X				24040438-005
10	MW-193	WT	G				2			2							X		X				24040438-006
11	MW-252	WT	G				2			2								X		X	X		24040438-007
12	MW-253	WT	G				2			2								X		X	X		24040438-008
13	MW-304	WT	G				2			2							X	X	X	X	X		24040438-009
14	MW-306	WT	G				2			2							X	X	X	X	X		24040438-010
15	MW-350	WT	G				2			2								X		X	X		24040438-011
16	MW-352	WT	G				2			2								X		X	X		24040438-012

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
BAL-24Q2 Rev 0	J. Colp	4-17	1650		4/19/24	1050	0.9	⊙	Z	
Radium 226/228, only							LTG 5	X		

PW/96651

Added HNO_3 (8291) to samples MW-150, MW-358, MW-383, MW-384, P2-179, P2-182

SAMPLER NAME AND SIGNATURE			Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER:	JUSTIN Colp					
SIGNATURE of SAMPLER:		DATE Signed (MM/DD/YY): 4-17-24				

CHAIN-OF-CUSTODY / Analytical Request Document

Confidential

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: Kim Edmiaston
Address: 10901 Baldwin Road	Copy To: Sam Davies-samantha.davies@vistracorp.com	Company Name: Vistra Corp
Baldwin, IL 62217	Kim Edmiaston-Kimberly.Edmiaston@vistracorp.com	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: 2285	Profile #:

REGULATORY AGENCY

NPDES GROUND WATER DRINKING WATER
UST RCRA OTHER

Site Location STATE: IL

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

ITEM #	Section D Required Client Information: SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE	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-WPCP-605	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	MW-355	WT	G	4-17-24	1223																X		N/A
2	MW-356	WT	G				2			2							X		X				24040438-013
3	MW-358	WT	G	4-17-24	1017		2			2							X	X	X	X			24040438-014
4	MW-366	WT	G				2			2								X		X			24040438-015
5	MW-369	WT	G				2			2							X		X				24040438-016
6	MW-370	WT	G				2			2							X		X				24040438-017
7	MW-375	WT	G	4-17-24	1347		2			2								X		X			24040438-018
8	MW-377	WT	G	4/17/24	1426		2			2								X		X			24040438-019
9	MW-382	WT	G	4/17/24	1307		2			2							X		X				24040438-020
10	MW-383	WT	G	4-17-24	1052		2			2								X		X			24040438-021
11	MW-384	WT	G	4-17-24	1117		2			2								X		X			24040438-022
12	MW-390	WT	G				2			2								X		X			24040438-023
13	MW-391	WT	G				2			2								X		X			24040438-024
14	MW-392	WT	G				2			2							X		X				24040438-025
15	MW-393	WT	G				2			2							X		X				24040438-026
16	MW-394	WT	G				2			2							X		X				24040438-027

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
BAL-24Q2 Rev 0	J. Colp	4-17	1650		4/17/24	1650	
Radium 226/228, only							

SAMPLER NAME AND SIGNATURE							
PRINT Name of SAMPLER: Justin Colp							
SIGNATURE of SAMPLER:	DATE Signed (MM/DD/YY): 4-17-24	Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)		

CHAIN-OF-CUSTODY / Analytical Request Document

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24040438

Section A Required Client Information:

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

Section B Required Project Information:

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

Section C Invoice Information:

Attention:	Kim Edmiaston
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

ITEM #	SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	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-WPCP-605	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	OW-156	WT	G	4/17/24	1426															X			N/A
2	OW-157	WT	G	4/17/24	1307															X			N/A
3	OW-256	WT	G	4-17-24	1500		2			2							X		X				24040438-028
4	OW-257	WT	G	4-17-24	1429		2			2							X		X				24040438-029
5	PZ-170	WT	G	4/17/24	1045		2			2							X		X				24040438-030
6	PZ-182	WT	G	4/17/24	1153		2			2							X		X				24040438-031
7	TPZ-164	WT	G														X		X				N/A
8	XPW01	WT	G														X		X				N/A
9	XPW05	WT	G														X		X				N/A
10	XPW06	WT	G														X		X				N/A
11	Field Blank	WT	G				2			2							X	X	X	X	X		24040438-032
12	MW-304 Duplicate	WT	G				2			2							X	X	X	X	X		24040438-033
13	Equipment Blank 1	WT	G				2			2							X	X	X	X	X		24040438-034
14	Equipment Blank 2	WT	G				2			2							X	X	X	X	X		24040438-035
15	Equipment Blank 3	WT	G				2			2							X	X	X	X	X		24040438-036
16																							

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
BAL-24Q2 Rev 0	J. Cold	4-17	1650		4/17/24	1650	
Radium 226/228, only							

SAMPLER NAME AND SIGNATURE							
PRINT Name of SAMPLER:	Justin Cold			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):	4-17-24				

CHAIN-OF-CUSTODY / Analytical Request Document

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Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company:	Vistra Corp-Baldwin	Report To:	Brian Voelker	Attention:	Kim Edmiaston
Address:	10901 Baldwin Road	Copy To:	Sam Davies-samantha.davies@vistracorp.com	Company Name:	Vistra Corp
	Baldwin, IL 62217		Kim Edmiaston-Kimberly.Edmiaston@vistracorp.com	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:	2285	Profile #:	

REGULATORY AGENCY

NPDES | GROUND WATER | DRINKING WATER
UST | RCRA | OTHER

Site Location STATE: IL

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 #	Section D Required Client Information: SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE	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-WPCP-605	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	MW-104DR	WT	G																		X		N/A
2	MW-104SR	WT	G																		X		N/A
3	MW-150	WT	G				2			2								X		X	X		24040438-001
4	MW-151	WT	G	4-18-24	1145		2			2								X		X	X		24040438-002
5	MW-152	WT	G	4-18-24	1041		2			2								X		X	X		24040438-003
6	MW-153	WT	G	4/18/24	1047		2			2								X		X	X		24040438-004
7	MW-154	WT	G																		X		N/A
8	MW-155	WT	G																		X		N/A
9	MW-192	WT	G				2			2							X		X				24040438-005
10	MW-193	WT	G				2			2							X		X				24040438-006
11	MW-252	WT	G	4-18-24	1058		2			2								X		X	X		24040438-007
12	MW-253	WT	G				2			2								X		X	X		24040438-008
13	MW-304	WT	G				2			2							X	X	X	X	X		24040438-009
14	MW-306	WT	G				2			2							X	X	X	X	X		24040438-010
15	MW-350	WT	G				2			2								X		X	X		24040438-011
16	MW-352	WT	G	4-18-24	1120		2			2								X		X	X		24040438-012

Requested Analysis Filtered (Y/N)

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
BAL-24Q2 Rev 0	J. Colp	4-18	1530	WHITNEY DUNGE-VTR	4-18	1530	
Radium 226/228, only							

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

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Justin Colp

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 4-18-24

RW 94651
PS 4/19/24

CHAIN-OF-CUSTODY / Analytical Request Document

24040438

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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: Kim Edmiaston	
Address: 10901 Baldwin Road	Copy To: Sam Davies-samantha.davies@vistracorp.com	Company Name: Vistra Corp	NPDES GROUND WATER DRINKING WATER
Baldwin, IL 62217	Kim Edmiaston-Kimberly.Edmiaston@vistracorp.com	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: 2285	Profile #:	

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 #	Section D Required Client Information: SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE	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-WPCP-605	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	MW-355	WT	G																	X			N/A
2	MW-356	WT	G				2			2							X		X				24040438-013
3	MW-358	WT	G				2			2							X	X	X	X			24040438-014
4	MW-366	WT	G				2			2								X		X			24040438-015
5	MW-369	WT	G				2			2							X		X				24040438-016
6	MW-370	WT	G				2			2							X		X				24040438-017
7	MW-375	WT	G				2			2								X		X			24040438-018
8	MW-377	WT	G				2			2								X		X			24040438-019
9	MW-382	WT	G				2			2							X		X				24040438-020
10	MW-383	WT	G				2			2								X		X			24040438-021
11	MW-384	WT	G				2			2								X		X			24040438-022
12	MW-390	WT	G				2			2								X		X			24040438-023
13	MW-391 DRY	WT	G	4/18/24	935		2			2								X		X			24040438-024
14	MW-392	WT	G				2			2							X		X				24040438-025
15	MW-393	WT	G				2			2							X		X				24040438-026
16	MW-394	WT	G				2			2							X		X				24040438-027

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
BAL-24Q2 Rev 0	J. Colp	4/18	1530	Whitney Olmsted	4/18	1550	Y / N
Radium 226/228, only							1.9

SAMPLER NAME AND SIGNATURE		Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER:	Justin Colp				
SIGNATURE of SAMPLER:	Justin Colp	DATE Signed (MM/DD/YY): 4-18-24			

CHAIN-OF-CUSTODY / Analytical Request Document

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

24040438

Page 3

Section A Required Client Information:	Section B Required Project Information:	Section C Invoice Information:
Company: Vistra Corp-Baldwin	Report To: Brian Voelker	Attention: Kim Edmiaston
Address: 10901 Baldwin Road	Copy To: Sam Davies-samantha.davies@vistracorp.com	Company Name: Vistra Corp
Baldwin, IL 62217	Kim Edmiaston-Kimberly.Edmiaston@vistracorp.com	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: 2285	Profile #:

REGULATORY AGENCY

NPDES GROUND WATER DRINKING WATER
UST RCRA OTHER

Site Location STATE: IL

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 #	Section D Required Client Information: SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE	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) Y/N	Analysis Test: BAL-257-601	BAL-257-605	BAL-845-601	BAL-845-605	BAL-WPCP-605	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	OW-156	WT	G																		X		N/A
2	OW-157	WT	G																		X		N/A
3	OW-256	WT	G				2			2							X		X				24040438-028
4	OW-257	WT	G				2			2							X		X				24040438-029
5	PZ-170	WT	G				2			2							X		X				24040438-030
6	PZ-182	WT	G				2			2							X		X				24040438-031
7	TPZ-164	WT	G	4/18/24	1229												X		X				N/A
8	XPW01	WT	G	4-18-24	0841												X		X				N/A
9	XPW05	WT	G	4-18-24	0920												X		X				N/A
10	XPW06	WT	G	4-18-24	0947												X		X				N/A
11	Field Blank	WT	G	4-18-24	1145		2			2							X	X	X	X	X		24040438-032
12	MW-304 Duplicate	WT	G				2			2							X	X	X	X	X		24040438-033
13	Equipment Blank 1	WT	G	4-18-24	~~1225~~ 1520		2			2							X	X	X	X	X		24040438-034
14	Equipment Blank 2	WT	G				2			2							X	X	X	X	X		24040438-035
15	Equipment Blank 3	WT	G				2			2							X	X	X	X	X		24040438-036
16																							

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
BAL-24Q2 Rev 0	J. Colp	4-18	1530	Whitney Quirke	4/18	1530		Y	N	
Radium 226/228, only							17.9			

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): 4-18-24				

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

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JOB DESCRIPTION

Radium-226 and Radium-228
24040438

JOB NUMBER

160-53850-1

Eurofins St. Louis
13715 Rider Trail North
Earth City MO 63045

See page two for job notes and contact information.

my EOL

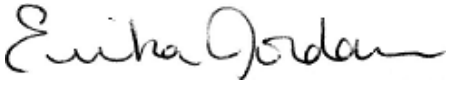
Eurofins St. Louis

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



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

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Case Narrative

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

Job ID: 160-53850-1 Eurofins St. Louis

CASE NARRATIVE

Client: TekLab, Inc

Project: 24040438

Report Number: 160-53850-1

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

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

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

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

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

Any minimum detectable concentration (MDC), critical value (DLC), or Safe Drinking Water Act detection limit (SDWA DL) is sample-specific unless otherwise stated elsewhere in this narrative.

Radiochemistry sample results are reported with the count date/time applied as the Activity Reference Date.

The matrix for the Method Blank and LCS/LCSD is as close to the samples as can be reasonably achieved. Detailed information can be found in the most current revision of the associated SOP.

The method blank (MB) z-score is within limits, unless stated otherwise below.

Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.

Reference the chain of custody and receipt report for any variations on receipt conditions.

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

Receipt
The samples were received on 4/19/2024 1:15 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved. The temperatures of the 3 coolers at receipt time were 15.0°C, 17.7°C and 17.7°C.

Receipt Exceptions
One of the containers for the following sample was received empty: 24040438-016 (160-53850-13). There is enough volume in the remaining container to complete the requested analysis.

Method 903.0 - Radium-226 (GFPC)
Samples 24040438-001 (160-53850-1), 24040438-002 (160-53850-2), 24040438-003 (160-53850-3), 24040438-004 (160-53850-4), 24040438-005 (160-53850-5), 24040438-006 (160-53850-6), 24040438-007 (160-53850-7), 24040438-009 (160-53850-8), 24040438-012 (160-53850-9), 24040438-013 (160-53850-10), 24040438-014 (160-53850-11), 24040438-015 (160-53850-12), 24040438-016 (160-53850-13), 24040438-017 (160-53850-14), 24040438-018 (160-53850-15), 24040438-019 (160-53850-16), 24040438-020 (160-53850-17), 24040438-021 (160-53850-18), 24040438-022 (160-53850-19), 24040438-023 (160-53850-20), 24040438-025 (160-53850-21), 24040438-026 (160-53850-22), 24040438-027 (160-53850-23), 24040438-028 (160-53850-24), 24040438-029 (160-53850-25), 24040438-030 (160-53850-26), 24040438-031 (160-53850-27), 24040438-032 (160-53850-28), 24040438-033 (160-53850-29) and 24040438-034 (160-53850-30) were analyzed for Radium-226 (GFPC). The

Job ID: 160-53850-1 (Continued) — Eurofins St. Louis

samples were prepared on 4/23/2024 and analyzed on 5/17/2024.

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

Method 904.0 - Radium-228 (GFPC)
Samples 24040438-001 (160-53850-1), 24040438-002 (160-53850-2), 24040438-003 (160-53850-3), 24040438-004 (160-53850-4), 24040438-005 (160-53850-5), 24040438-006 (160-53850-6), 24040438-007 (160-53850-7), 24040438-009 (160-53850-8), 24040438-012 (160-53850-9), 24040438-013 (160-53850-10), 24040438-014 (160-53850-11), 24040438-015 (160-53850-12), 24040438-016 (160-53850-13), 24040438-017 (160-53850-14), 24040438-018 (160-53850-15), 24040438-019 (160-53850-16), 24040438-020 (160-53850-17), 24040438-021 (160-53850-18), 24040438-022 (160-53850-19), 24040438-023 (160-53850-20), 24040438-025 (160-53850-21), 24040438-026 (160-53850-22), 24040438-027 (160-53850-23), 24040438-028 (160-53850-24), 24040438-029 (160-53850-25), 24040438-030 (160-53850-26), 24040438-031 (160-53850-27), 24040438-032 (160-53850-28), 24040438-033 (160-53850-29) and 24040438-034 (160-53850-30) were analyzed for Radium-228 (GFPC). The samples were prepared on 4/23/2024 and analyzed on 5/14/2024.

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

Method Ra226_Ra228 Pos - Combined Radium-226 and Radium-228
Samples 24040438-001 (160-53850-1), 24040438-002 (160-53850-2), 24040438-003 (160-53850-3), 24040438-004 (160-53850-4), 24040438-005 (160-53850-5), 24040438-006 (160-53850-6), 24040438-007 (160-53850-7), 24040438-009 (160-53850-8), 24040438-012 (160-53850-9), 24040438-013 (160-53850-10), 24040438-014 (160-53850-11), 24040438-015 (160-53850-12), 24040438-016 (160-53850-13), 24040438-017 (160-53850-14), 24040438-018 (160-53850-15), 24040438-019 (160-53850-16), 24040438-020 (160-53850-17), 24040438-021 (160-53850-18), 24040438-022 (160-53850-19), 24040438-023 (160-53850-20), 24040438-025 (160-53850-21), 24040438-026 (160-53850-22), 24040438-027 (160-53850-23), 24040438-028 (160-53850-24), 24040438-029 (160-53850-25), 24040438-030 (160-53850-26), 24040438-031 (160-53850-27), 24040438-032 (160-53850-28), 24040438-033 (160-53850-29) and 24040438-034 (160-53850-30) were analyzed for Combined Radium-226 and Radium-228. The samples were analyzed on 5/20/2024.

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

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: Tracy Carroll/TEKLAB | QC Level: 3

Comments: **Please Issue reports and invoices via email only**
Please analyze for Radium 226/228 on your standard turn around time.
Samples collected from an IL site.
Batch QC is required for all analyses requested. EDD requested..

Project# 24040438

Contact: Elizabeth Hurley | Email: EHurley@TekLabInc.com
Requested Due Date: Standard TAT | Billing/PO: 36138 | 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.

Any changes to analysis/methods must be approved by Teklab, Inc.

Lab Use	Sample ID	Sample Date/Time	Preservative	Matrix	Ra226/228
	24040438-001	4/17/2024 11:44	HNO3	Groundwater	✔
	24040438-002	4/18/2024 11:45	HNO3	Groundwater	✔
	24040438-003	4/18/2024 10:41	HNO3	Groundwater	✔
	24040438-004	4/18/2024 10:47	HNO3	Groundwater	✔
	24040438-005	4/16/2024 11:39	HNO3	Groundwater	✔
	24040438-006	4/16/2024 10:44	HNO3	Groundwater	✔
	24040438-007	4/18/2024 10:58	HNO3	Groundwater	✔
	24040438-009	4/16/2024 11:30	HNO3	Groundwater	✔
	24040438-012	4/18/2024 11:20	HNO3	Groundwater	✔
	24040438-013	4/16/2024 12:23	HNO3	Groundwater	✔
	24040438-014	4/17/2024 10:17	HNO3	Groundwater	✔

160-53850 Chain of Custody

*Relinquished By	Date/Time	Received By	Date/Time
Paul Eckerly	4/19/24 1315	Ebony Strong	1:15 pm 4/19/24

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)

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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: Tracy Carroll/TEKLAB | QC Level: 3

Comments: **Please Issue reports and invoices via email only**
Please analyze for Radium 226/228 on your standard turn around time.
Samples collected from an IL site.
Batch QC is required for all analyses requested. EDD requested..

Project# 24040438

Contact: Elizabeth Hurley | Email: EHurley@TekLabInc.com
Requested Due Date: Standard TAT | Billing/PO: 36138 | Phone: (618) 344-1004 ext. 33

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Lab Use	Sample ID	Sample Date/Time	Preservative	Matrix	Ra226/228											
	24040438-015	4/16/2024 14:43	HNO3	Groundwater	✔											
	24040438-016	4/16/2024 13:18	HNO3	Groundwater	✔											
	24040438-017	4/16/2024 13:39	HNO3	Groundwater	✔											
	24040438-018	4/17/2024 13:47	HNO3	Groundwater	✔											
	24040438-019	4/17/2024 14:26	HNO3	Groundwater	✔											
	24040438-020	4/17/2024 13:07	HNO3	Groundwater	✔											
	24040438-021	4/17/2024 10:52	HNO3	Groundwater	✔											
	24040438-022	4/17/2024 11:17	HNO3	Groundwater	✔											
	24040438-023	4/16/2024 14:19	HNO3	Groundwater	✔											
	24040438-025	4/16/2024 11:52	HNO3	Groundwater	✔											
	24040438-026	4/16/2024 11:04	HNO3	Groundwater	✔											

*Relinquished By	Date/Time	Received By	Date/Time
Paul Pettey	4/19/24 1315	Sina Waylin	1315 4/19/24

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3/2/2016

TEKLAB, INC. Chain of Custody

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

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Teklab Inc
5445 Horseshoe Lake Road
Collinsville, IL 62234

Cooler Temp: | Sampler: Tracy Carroll/TEKLAB | QC Level: 3

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Project# 24040438

Contact: Elizabeth Hurley | Email: EHurley@TekLabInc.com
Requested Due Date: Standard TAT | Billing/PO: 36138 | Phone: (618) 344-1004 ext. 33

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Any changes to analysis/methods must be approved by Teklab, Inc.

Lab Use	Sample ID	Sample Date/Time	Preservative	Matrix	Ra226/228
	24040438-027	4/16/2024 10:10	HNO3	Groundwater	✔
	24040438-028	4/17/2024 15:00	HNO3	Groundwater	✔
	24040438-029	4/17/2024 14:29	HNO3	Groundwater	✔
	24040438-030	4/17/2024 10:45	HNO3	Groundwater	✔
	24040438-031	4/17/2024 11:58	HNO3	Groundwater	✔
	24040438-032	4/18/2024 11:45	HNO3	Groundwater	✔
	24040438-033	4/16/2024 11:30	HNO3	Groundwater	✔
	24040438-034	4/18/2024 15:20	HNO3	Groundwater	✔
			HNO3	Groundwater	✔
			HNO3	Groundwater	✔
			HNO3	Groundwater	✔

*Relinquished By	Date/Time	Received By	Date/Time
Paul Eddy	4/19/24 1315	Sina Dayton	1315 4/19/24

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3/2/2016

Login Sample Receipt Checklist

Client: TekLab, Inc

Job Number: 160-53850-1
SDG Number: 24040438

Login Number: 53850
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.	False	Sample 13 one container received empty
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

Qualifiers

Rad

Qualifier	Qualifier Description
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: 160-53850-1
SDG: 24040438

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: 160-53850-1
SDG: 24040438

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
160-53850-1	24040438-001	Water	04/17/24 11:44	04/19/24 13:15
160-53850-2	24040438-002	Water	04/18/24 11:45	04/19/24 13:15
160-53850-3	24040438-003	Water	04/18/24 10:41	04/19/24 13:15
160-53850-4	24040438-004	Water	04/18/24 10:47	04/19/24 13:15
160-53850-5	24040438-005	Water	04/16/24 11:39	04/19/24 13:15
160-53850-6	24040438-006	Water	04/16/24 10:44	04/19/24 13:15
160-53850-7	24040438-007	Water	04/18/24 10:58	04/19/24 13:15
160-53850-8	24040438-009	Water	04/16/24 11:30	04/19/24 13:15
160-53850-9	24040438-012	Water	04/18/24 11:20	04/19/24 13:15
160-53850-10	24040438-013	Water	04/16/24 12:23	04/19/24 13:15
160-53850-11	24040438-014	Water	04/17/24 10:17	04/19/24 13:15
160-53850-12	24040438-015	Water	04/16/24 14:43	04/19/24 13:15
160-53850-13	24040438-016	Water	04/16/24 13:18	04/19/24 13:15
160-53850-14	24040438-017	Water	04/16/24 13:39	04/19/24 13:15
160-53850-15	24040438-018	Water	04/17/24 13:47	04/19/24 13:15
160-53850-16	24040438-019	Water	04/17/24 14:26	04/19/24 13:15
160-53850-17	24040438-020	Water	04/17/24 13:07	04/19/24 13:15
160-53850-18	24040438-021	Water	04/17/24 10:52	04/19/24 13:15
160-53850-19	24040438-022	Water	04/17/24 11:17	04/19/24 13:15
160-53850-20	24040438-023	Water	04/16/24 14:19	04/19/24 13:15
160-53850-21	24040438-025	Water	04/16/24 11:52	04/19/24 13:15
160-53850-22	24040438-026	Water	04/16/24 11:04	04/19/24 13:15
160-53850-23	24040438-027	Water	04/16/24 10:10	04/19/24 13:15
160-53850-24	24040438-028	Water	04/17/24 15:00	04/19/24 13:15
160-53850-25	24040438-029	Water	04/17/24 14:29	04/19/24 13:15
160-53850-26	24040438-030	Water	04/17/24 10:45	04/19/24 13:15
160-53850-27	24040438-031	Water	04/17/24 11:58	04/19/24 13:15
160-53850-28	24040438-032	Water	04/18/24 11:45	04/19/24 13:15
160-53850-29	24040438-033	Water	04/16/24 11:30	04/19/24 13:15
160-53850-30	24040438-034	Water	04/18/24 15:20	04/19/24 13:15

Client Sample Results

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

Lab ID: 160-53850-1
SDG: 24040438

Client Sample ID: 24040438-001
Date Collected: 04/17/24 11:44
Date Received: 04/19/24 13:15

Lab Sample ID: 160-53850-1
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	0.0748	U	0.116	0.116	1.00	0.200	pCi/L	04/23/24 08:22	05/17/24 09:28	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*86.3*		*30 - 110*	*04/23/24 08:22*	*05/17/24 09:28*	*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	0.0250	U	0.300	0.300	1.00	0.562	pCi/L	04/23/24 08:27	05/14/24 11:51	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*86.3*		*30 - 110*	*04/23/24 08:27*	*05/14/24 11:51*	*1*
Y Carrier	*77.4*		*30 - 110*	*04/23/24 08:27*	*05/14/24 11:51*	*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	0.0997	U	0.322	0.322	5.00	0.562	pCi/L		05/20/24 13:26	1

Client Sample ID: 24040438-002
Date Collected: 04/18/24 11:45
Date Received: 04/19/24 13:15

Lab Sample ID: 160-53850-2
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	0.0219	U	0.0852	0.0852	1.00	0.163	pCi/L	04/23/24 08:22	05/17/24 09:28	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*95.4*		*30 - 110*	*04/23/24 08:22*	*05/17/24 09:28*	*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	0.287	0.288	1.00	0.465	pCi/L	04/23/24 08:27	05/14/24 11:51	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*95.4*		*30 - 110*	*04/23/24 08:27*	*05/14/24 11:51*	*1*
Y Carrier	*81.5*		*30 - 110*	*04/23/24 08:27*	*05/14/24 11:51*	*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	0.289	U	0.299	0.300	5.00	0.465	pCi/L		05/20/24 13:26	1

Client Sample Results

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

Lab ID: 160-53850-1
SDG: 24040438

Client Sample ID: 24040438-003
Date Collected: 04/18/24 10:41
Date Received: 04/19/24 13:15

Lab Sample ID: 160-53850-3
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	0.0870	U	0.181	0.181	1.00	0.319	pCi/L	04/23/24 08:22	05/17/24 09:28	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*85.0*		*30 - 110*	*04/23/24 08:22*	*05/17/24 09:28*	*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	0.679	U	0.474	0.478	1.00	0.702	pCi/L	04/23/24 08:27	05/14/24 11:51	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*85.0*		*30 - 110*	*04/23/24 08:27*	*05/14/24 11:51*	*1*
Y Carrier	*78.1*		*30 - 110*	*04/23/24 08:27*	*05/14/24 11:51*	*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	**0.766**		0.507	0.511	5.00	0.702	pCi/L		05/20/24 13:26	1

Client Sample ID: 24040438-004
Date Collected: 04/18/24 10:47
Date Received: 04/19/24 13:15

Lab Sample ID: 160-53850-4
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	0.194	U	0.151	0.152	1.00	0.225	pCi/L	04/23/24 08:22	05/17/24 09:28	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*83.5*		*30 - 110*	*04/23/24 08:22*	*05/17/24 09:28*	*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	0.210	U	0.373	0.374	1.00	0.642	pCi/L	04/23/24 08:27	05/14/24 11:51	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*83.5*		*30 - 110*	*04/23/24 08:27*	*05/14/24 11:51*	*1*
Y Carrier	*78.1*		*30 - 110*	*04/23/24 08:27*	*05/14/24 11:51*	*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	0.404	U	0.402	0.404	5.00	0.642	pCi/L		05/20/24 13:26	1

Client Sample ID: 24040438-005
Date Collected: 04/16/24 11:39
Date Received: 04/19/24 13:15

Lab Sample ID: 160-53850-5
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	-0.0233	U	0.0844	0.0845	1.00	0.182	pCi/L	04/23/24 08:22	05/17/24 09:21	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*89.3*		*30 - 110*	*04/23/24 08:22*	*05/17/24 09:21*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.0306	U	0.304	0.304	1.00	0.563	pCi/L	04/23/24 08:27	05/14/24 11:52	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*89.3*		*30 - 110*	*04/23/24 08:27*	*05/14/24 11:52*	*1*
Y Carrier	*79.6*		*30 - 110*	*04/23/24 08:27*	*05/14/24 11:52*	*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	0.0306	U	0.315	0.316	5.00	0.563	pCi/L		05/20/24 13:26	1

Client Sample ID: 24040438-006
Date Collected: 04/16/24 10:44
Date Received: 04/19/24 13:15

Lab Sample ID: 160-53850-6
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	0.0378	U	0.114	0.114	1.00	0.210	pCi/L	04/23/24 08:22	05/17/24 09:21	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*80.2*		*30 - 110*	*04/23/24 08:22*	*05/17/24 09:21*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**0.854**		0.533	0.539	1.00	0.779	pCi/L	04/23/24 08:27	05/14/24 11:52	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*80.2*		*30 - 110*	*04/23/24 08:27*	*05/14/24 11:52*	*1*
Y Carrier	*62.8*		*30 - 110*	*04/23/24 08:27*	*05/14/24 11:52*	*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	**0.892**		0.545	0.551	5.00	0.779	pCi/L		05/20/24 13:26	1

Client Sample Results

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

Lab ID: 160-53850-1
SDG: 24040438

Client Sample ID: 24040438-007
Date Collected: 04/18/24 10:58
Date Received: 04/19/24 13:15

Lab Sample ID: 160-53850-7
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	0.0592	U	0.0941	0.0942	1.00	0.163	pCi/L	04/23/24 08:22	05/17/24 09:21	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*86.3*		*30 - 110*	*04/23/24 08:22*	*05/17/24 09:21*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.350	U	0.342	0.344	1.00	0.547	pCi/L	04/23/24 08:27	05/14/24 11:52	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*86.3*		*30 - 110*	*04/23/24 08:27*	*05/14/24 11:52*	*1*
Y Carrier	*77.4*		*30 - 110*	*04/23/24 08:27*	*05/14/24 11:52*	*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	0.409	U	0.355	0.357	5.00	0.547	pCi/L		05/20/24 13:26	1

Client Sample ID: 24040438-009
Date Collected: 04/16/24 11:30
Date Received: 04/19/24 13:15

Lab Sample ID: 160-53850-8
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	0.147	U	0.116	0.116	1.00	0.167	pCi/L	04/23/24 08:22	05/17/24 09:21	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*84.5*		*30 - 110*	*04/23/24 08:22*	*05/17/24 09:21*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**0.866**		0.453	0.460	1.00	0.631	pCi/L	04/23/24 08:27	05/14/24 11:52	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*84.5*		*30 - 110*	*04/23/24 08:27*	*05/14/24 11:52*	*1*
Y Carrier	*72.9*		*30 - 110*	*04/23/24 08:27*	*05/14/24 11:52*	*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**		0.468	0.474	5.00	0.631	pCi/L		05/20/24 13:26	1

Client Sample Results

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

Lab ID: 160-53850-1
SDG: 24040438

Client Sample ID: 24040438-012
Date Collected: 04/18/24 11:20
Date Received: 04/19/24 13:15

Lab Sample ID: 160-53850-9
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	**0.470**		0.182	0.187	1.00	0.199	pCi/L	04/23/24 08:22	05/17/24 09:21	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*82.2*		*30 - 110*	*04/23/24 08:22*	*05/17/24 09:21*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.435	U	0.383	0.385	1.00	0.600	pCi/L	04/23/24 08:27	05/14/24 11:52	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*82.2*		*30 - 110*	*04/23/24 08:27*	*05/14/24 11:52*	*1*
Y Carrier	*77.4*		*30 - 110*	*04/23/24 08:27*	*05/14/24 11:52*	*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	**0.905**		0.424	0.428	5.00	0.600	pCi/L		05/20/24 13:26	1

Client Sample ID: 24040438-013
Date Collected: 04/16/24 12:23
Date Received: 04/19/24 13:15

Lab Sample ID: 160-53850-10
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	0.0325	U	0.102	0.102	1.00	0.193	pCi/L	04/23/24 08:22	05/17/24 09:20	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*74.9*		*30 - 110*	*04/23/24 08:22*	*05/17/24 09:20*	*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	0.180	U	0.400	0.400	1.00	0.702	pCi/L	04/23/24 08:27	05/14/24 11:52	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*74.9*		*30 - 110*	*04/23/24 08:27*	*05/14/24 11:52*	*1*
Y Carrier	*77.8*		*30 - 110*	*04/23/24 08:27*	*05/14/24 11:52*	*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	0.212	U	0.413	0.413	5.00	0.702	pCi/L		05/20/24 13:26	1

Client Sample Results

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

Lab ID: 160-53850-1
SDG: 24040438

Client Sample ID: 24040438-014
Date Collected: 04/17/24 10:17
Date Received: 04/19/24 13:15

Lab Sample ID: 160-53850-11
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	0.301		0.177	0.179	1.00	0.226	pCi/L	04/23/24 08:22	05/17/24 09:20	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*78.7*		*30 - 110*	*04/23/24 08:22*	*05/17/24 09:20*	*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	1.10		0.616	0.624	1.00	0.880	pCi/L	04/23/24 08:27	05/14/24 11:53	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*78.7*		*30 - 110*	*04/23/24 08:27*	*05/14/24 11:53*	*1*
Y Carrier	*79.3*		*30 - 110*	*04/23/24 08:27*	*05/14/24 11:53*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	1.40		0.641	0.649	5.00	0.880	pCi/L		05/20/24 13:26	1

Client Sample ID: 24040438-015
Date Collected: 04/16/24 14:43
Date Received: 04/19/24 13:15

Lab Sample ID: 160-53850-12
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	0.260		0.146	0.148	1.00	0.191	pCi/L	04/23/24 08:22	05/17/24 09:20	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*87.8*		*30 - 110*	*04/23/24 08:22*	*05/17/24 09:20*	*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	0.705		0.379	0.384	1.00	0.522	pCi/L	04/23/24 08:27	05/14/24 11:53	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*87.8*		*30 - 110*	*04/23/24 08:27*	*05/14/24 11:53*	*1*
Y Carrier	*81.1*		*30 - 110*	*04/23/24 08:27*	*05/14/24 11:53*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.965		0.406	0.412	5.00	0.522	pCi/L		05/20/24 13:26	1

Client Sample ID: 24040438-016
Date Collected: 04/16/24 13:18
Date Received: 04/19/24 13:15

Lab Sample ID: 160-53850-13
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	0.131	U	0.126	0.126	1.00	0.195	pCi/L	04/23/24 08:22	05/17/24 09:20	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*78.2*		*30 - 110*	*04/23/24 08:22*	*05/17/24 09:20*	*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	**0.699**		0.426	0.431	1.00	0.614	pCi/L	04/23/24 08:27	05/14/24 11:53	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*78.2*		*30 - 110*	*04/23/24 08:27*	*05/14/24 11:53*	*1*
Y Carrier	*80.4*		*30 - 110*	*04/23/24 08:27*	*05/14/24 11:53*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	**0.829**		0.444	0.449	5.00	0.614	pCi/L		05/20/24 13:26	1

Client Sample ID: 24040438-017
Date Collected: 04/16/24 13:39
Date Received: 04/19/24 13:15

Lab Sample ID: 160-53850-14
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	0.0860	U	0.0998	0.100	1.00	0.162	pCi/L	04/23/24 08:22	05/17/24 09:20	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*85.5*		*30 - 110*	*04/23/24 08:22*	*05/17/24 09:20*	*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	**0.929**		0.467	0.475	1.00	0.652	pCi/L	04/23/24 08:27	05/14/24 11:54	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*85.5*		*30 - 110*	*04/23/24 08:27*	*05/14/24 11:54*	*1*
Y Carrier	*77.0*		*30 - 110*	*04/23/24 08:27*	*05/14/24 11:54*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	**1.02**		0.478	0.485	5.00	0.652	pCi/L		05/20/24 13:26	1

Client Sample Results

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

Lab ID: 160-53850-1
SDG: 24040438

Client Sample ID: 24040438-018
Date Collected: 04/17/24 13:47
Date Received: 04/19/24 13:15

Lab Sample ID: 160-53850-15
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	-0.0122	U	0.0925	0.0925	1.00	0.194	pCi/L	04/23/24 08:22	05/17/24 12:23	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*83.0*		*30 - 110*	*04/23/24 08:22*	*05/17/24 12:23*	*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	0.456	U	0.407	0.409	1.00	0.645	pCi/L	04/23/24 08:27	05/14/24 11:54	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*83.0*		*30 - 110*	*04/23/24 08:27*	*05/14/24 11:54*	*1*
Y Carrier	*84.1*		*30 - 110*	*04/23/24 08:27*	*05/14/24 11:54*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.456	U	0.417	0.419	5.00	0.645	pCi/L		05/20/24 13:26	1

Client Sample ID: 24040438-019
Date Collected: 04/17/24 14:26
Date Received: 04/19/24 13:15

Lab Sample ID: 160-53850-16
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	**0.258**		0.133	0.135	1.00	0.158	pCi/L	04/23/24 08:22	05/17/24 12:24	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*87.3*		*30 - 110*	*04/23/24 08:22*	*05/17/24 12:24*	*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	**0.935**		0.408	0.417	1.00	0.532	pCi/L	04/23/24 08:27	05/14/24 11:54	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*87.3*		*30 - 110*	*04/23/24 08:27*	*05/14/24 11:54*	*1*
Y Carrier	*84.5*		*30 - 110*	*04/23/24 08:27*	*05/14/24 11:54*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	**1.19**		0.429	0.438	5.00	0.532	pCi/L		05/20/24 13:26	1

Client Sample ID: 24040438-020
Date Collected: 04/17/24 13:07
Date Received: 04/19/24 13:15

Lab Sample ID: 160-53850-17
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	0.146	U	0.212	0.212	1.00	0.360	pCi/L	04/23/24 08:22	05/17/24 13:59	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*80.7*		*30 - 110*	*04/23/24 08:22*	*05/17/24 13:59*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**2.03**		0.770	0.792	1.00	0.946	pCi/L	04/23/24 08:27	05/14/24 11:54	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*80.7*		*30 - 110*	*04/23/24 08:27*	*05/14/24 11:54*	*1*
Y Carrier	*86.0*		*30 - 110*	*04/23/24 08:27*	*05/14/24 11:54*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	**2.18**		0.799	0.820	5.00	0.946	pCi/L		05/20/24 13:26	1

Client Sample ID: 24040438-021
Date Collected: 04/17/24 10:52
Date Received: 04/19/24 13:15

Lab Sample ID: 160-53850-18
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	0.0866	U	0.118	0.118	1.00	0.199	pCi/L	04/23/24 08:22	05/17/24 13:59	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*83.2*		*30 - 110*	*04/23/24 08:22*	*05/17/24 13:59*	*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	0.335	U	0.345	0.346	1.00	0.555	pCi/L	04/23/24 08:27	05/14/24 11:54	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*83.2*		*30 - 110*	*04/23/24 08:27*	*05/14/24 11:54*	*1*
Y Carrier	*83.0*		*30 - 110*	*04/23/24 08:27*	*05/14/24 11:54*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.422	U	0.365	0.366	5.00	0.555	pCi/L		05/20/24 13:26	1

Client Sample Results

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

Lab ID: 160-53850-1
SDG: 24040438

Client Sample ID: 24040438-022
Date Collected: 04/17/24 11:17
Date Received: 04/19/24 13:15

Lab Sample ID: 160-53850-19
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	0.0988	U	0.115	0.115	1.00	0.187	pCi/L	04/23/24 08:22	05/17/24 13:59	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*92.6*		*30 - 110*	*04/23/24 08:22*	*05/17/24 13:59*	*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	0.356	U	0.364	0.365	1.00	0.588	pCi/L	04/23/24 08:27	05/14/24 11:54	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*92.6*		*30 - 110*	*04/23/24 08:27*	*05/14/24 11:54*	*1*
Y Carrier	*76.3*		*30 - 110*	*04/23/24 08:27*	*05/14/24 11:54*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.455	U	0.382	0.383	5.00	0.588	pCi/L		05/20/24 13:26	1

Client Sample ID: 24040438-023
Date Collected: 04/16/24 14:19
Date Received: 04/19/24 13:15

Lab Sample ID: 160-53850-20
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	**0.202**		0.119	0.120	1.00	0.149	pCi/L	04/23/24 08:22	05/17/24 13:59	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*87.8*		*30 - 110*	*04/23/24 08:22*	*05/17/24 13:59*	*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	**1.17**		0.558	0.568	1.00	0.782	pCi/L	04/23/24 08:27	05/14/24 11:54	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*87.8*		*30 - 110*	*04/23/24 08:27*	*05/14/24 11:54*	*1*
Y Carrier	*69.2*		*30 - 110*	*04/23/24 08:27*	*05/14/24 11:54*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	**1.38**		0.571	0.581	5.00	0.782	pCi/L		05/20/24 13:26	1

Client Sample Results

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

Job ID: 160-53850-1
SDG: 24040438

Client Sample ID: 24040438-025
Date Collected: 04/16/24 11:52
Date Received: 04/19/24 13:15

Lab Sample ID: 160-53850-21
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	0.189		0.111	0.113	1.00	0.141	pCi/L	04/23/24 08:30	05/17/24 14:14	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*97.2*		*30 - 110*	*04/23/24 08:30*	*05/17/24 14:14*	*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	0.802		0.369	0.376	1.00	0.494	pCi/L	04/23/24 08:34	05/14/24 12:03	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*97.2*		*30 - 110*	*04/23/24 08:34*	*05/14/24 12:03*	*1*
Y Carrier	*84.9*		*30 - 110*	*04/23/24 08:34*	*05/14/24 12:03*	*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	0.991		0.385	0.393	5.00	0.494	pCi/L		05/20/24 13:27	1

Client Sample ID: 24040438-026
Date Collected: 04/16/24 11:04
Date Received: 04/19/24 13:15

Lab Sample ID: 160-53850-22
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	0.160	U	0.132	0.133	1.00	0.199	pCi/L	04/23/24 08:30	05/17/24 14:14	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*94.2*		*30 - 110*	*04/23/24 08:30*	*05/17/24 14:14*	*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	0.0898	U	0.325	0.325	1.00	0.581	pCi/L	04/23/24 08:34	05/14/24 12:03	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*94.2*		*30 - 110*	*04/23/24 08:34*	*05/14/24 12:03*	*1*
Y Carrier	*81.9*		*30 - 110*	*04/23/24 08:34*	*05/14/24 12:03*	*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	0.250	U	0.351	0.351	5.00	0.581	pCi/L		05/20/24 13:27	1

Client Sample ID: 24040438-027
Date Collected: 04/16/24 10:10
Date Received: 04/19/24 13:15

Lab Sample ID: 160-53850-23
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	0.156	U	0.131	0.132	1.00	0.199	pCi/L	04/23/24 08:30	05/17/24 15:17	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*95.2*		*30 - 110*	*04/23/24 08:30*	*05/17/24 15:17*	*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	**0.550**		0.321	0.325	1.00	0.455	pCi/L	04/23/24 08:34	05/14/24 12:03	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*95.2*		*30 - 110*	*04/23/24 08:34*	*05/14/24 12:03*	*1*
Y Carrier	*85.6*		*30 - 110*	*04/23/24 08:34*	*05/14/24 12:03*	*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	**0.706**		0.347	0.351	5.00	0.455	pCi/L		05/20/24 13:27	1

Client Sample ID: 24040438-028
Date Collected: 04/17/24 15:00
Date Received: 04/19/24 13:15

Lab Sample ID: 160-53850-24
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	**0.165**		0.114	0.115	1.00	0.154	pCi/L	04/23/24 08:30	05/17/24 15:17	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*81.7*		*30 - 110*	*04/23/24 08:30*	*05/17/24 15:17*	*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	0.509	U	0.365	0.368	1.00	0.551	pCi/L	04/23/24 08:34	05/14/24 12:03	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*81.7*		*30 - 110*	*04/23/24 08:34*	*05/14/24 12:03*	*1*
Y Carrier	*89.0*		*30 - 110*	*04/23/24 08:34*	*05/14/24 12:03*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	**0.674**		0.382	0.386	5.00	0.551	pCi/L		05/20/24 13:27	1

Client Sample Results

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

Lab ID: 160-53850-1
SDG: 24040438

Client Sample ID: 24040438-029
Date Collected: 04/17/24 14:29
Date Received: 04/19/24 13:15

Lab Sample ID: 160-53850-25
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	0.192	U	0.140	0.141	1.00	0.201	pCi/L	04/23/24 08:30	05/17/24 15:17	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*82.2*		*30 - 110*	*04/23/24 08:30*	*05/17/24 15:17*	*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	**0.938**		0.409	0.418	1.00	0.537	pCi/L	04/23/24 08:34	05/14/24 12:03	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*82.2*		*30 - 110*	*04/23/24 08:34*	*05/14/24 12:03*	*1*
Y Carrier	*89.3*		*30 - 110*	*04/23/24 08:34*	*05/14/24 12:03*	*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	**1.13**		0.432	0.441	5.00	0.537	pCi/L		05/20/24 13:27	1

Client Sample ID: 24040438-030
Date Collected: 04/17/24 10:45
Date Received: 04/19/24 13:15

Lab Sample ID: 160-53850-26
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	0.0994	U	0.104	0.104	1.00	0.165	pCi/L	04/23/24 08:30	05/17/24 15:17	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*90.6*		*30 - 110*	*04/23/24 08:30*	*05/17/24 15:17*	*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	0.221	U	0.324	0.325	1.00	0.548	pCi/L	04/23/24 08:34	05/14/24 12:04	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*90.6*		*30 - 110*	*04/23/24 08:34*	*05/14/24 12:04*	*1*
Y Carrier	*84.9*		*30 - 110*	*04/23/24 08:34*	*05/14/24 12:04*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.320	U	0.340	0.341	5.00	0.548	pCi/L		05/20/24 13:27	1

Client Sample Results

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

Lab ID: 160-53850-1
SDG: 24040438

Client Sample ID: 24040438-031
Date Collected: 04/17/24 11:58
Date Received: 04/19/24 13:15

Lab Sample ID: 160-53850-27
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	0.0336	U	0.152	0.152	1.00	0.290	pCi/L	04/23/24 08:30	05/17/24 15:35	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*68.3*		*30 - 110*	*04/23/24 08:30*	*05/17/24 15:35*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**1.05**		0.622	0.629	1.00	0.891	pCi/L	04/23/24 08:34	05/14/24 12:04	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*68.3*		*30 - 110*	*04/23/24 08:34*	*05/14/24 12:04*	*1*
Y Carrier	*86.0*		*30 - 110*	*04/23/24 08:34*	*05/14/24 12:04*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	**1.09**		0.640	0.647	5.00	0.891	pCi/L		05/20/24 13:27	1

Client Sample ID: 24040438-032
Date Collected: 04/18/24 11:45
Date Received: 04/19/24 13:15

Lab Sample ID: 160-53850-28
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	-0.0306	U	0.0659	0.0659	1.00	0.157	pCi/L	04/23/24 08:30	05/17/24 15:35	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*95.9*		*30 - 110*	*04/23/24 08:30*	*05/17/24 15:35*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**0.566**		0.347	0.351	1.00	0.500	pCi/L	04/23/24 08:34	05/14/24 12:04	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*95.9*		*30 - 110*	*04/23/24 08:34*	*05/14/24 12:04*	*1*
Y Carrier	*86.0*		*30 - 110*	*04/23/24 08:34*	*05/14/24 12:04*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	**0.566**		0.353	0.357	5.00	0.500	pCi/L		05/20/24 13:27	1

Client Sample ID: 24040438-033
Lab Sample ID: 160-53850-29
Date Collected: 04/16/24 11:30
Matrix: Water
Date Received: 04/19/24 13:15

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	U	0.108	0.109	1.00	0.153	pCi/L	04/23/24 08:30	05/17/24 15:35	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*90.1*		*30 - 110*	*04/23/24 08:30*	*05/17/24 15:35*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**0.638**		0.368	0.373	1.00	0.524	pCi/L	04/23/24 08:34	05/14/24 12:04	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*90.1*		*30 - 110*	*04/23/24 08:34*	*05/14/24 12:04*	*1*
Y Carrier	*84.1*		*30 - 110*	*04/23/24 08:34*	*05/14/24 12:04*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	**0.784**		0.384	0.389	5.00	0.524	pCi/L		05/20/24 13:27	1

Client Sample ID: 24040438-034
Lab Sample ID: 160-53850-30
Date Collected: 04/18/24 15:20
Matrix: Water
Date Received: 04/19/24 13:15

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	0.00891	U	0.0903	0.0903	1.00	0.178	pCi/L	04/23/24 08:30	05/17/24 15:35	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*86.8*		*30 - 110*	*04/23/24 08:30*	*05/17/24 15:35*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.234	U	0.336	0.337	1.00	0.566	pCi/L	04/23/24 08:34	05/14/24 12:16	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*86.8*		*30 - 110*	*04/23/24 08:34*	*05/14/24 12:16*	*1*
Y Carrier	*84.1*		*30 - 110*	*04/23/24 08:34*	*05/14/24 12:16*	*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	0.243	U	0.348	0.349	5.00	0.566	pCi/L		05/20/24 13:27	1

QC Sample Results

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

Job ID: 160-53850-1
SDG: 24040438

Method: 903.0 - Radium-226 (GFPC)

Lab Sample ID: MB 160-658169/1-A
Matrix: Water
Analysis Batch: 662208

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 658169

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.02771	U	0.105	0.105	1.00	0.197	pCi/L	04/23/24 08:22	05/17/24 09:28	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*99.7*		*30 - 110*	*04/23/24 08:22*	*05/17/24 09:28*	*1*

Lab Sample ID: LCS 160-658169/2-A
Matrix: Water
Analysis Batch: 662208

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 658169

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-226			11.3	9.999		1.11	1.00	0.140	pCi/L	88	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*97.0*		*30 - 110*

Lab Sample ID: 160-53850-1 DU
Matrix: Water
Analysis Batch: 662208

Client Sample ID: 24040438-001
Prep Type: Total/NA
Prep Batch: 658169

Analyte	Sample Result	Sample Qual		DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit			RER	RER Limit
Radium-226	0.0748	U		0.2204		0.132	1.00	0.165	pCi/L			0.59	1

Carrier	*DU %Yield*	*DU Qualifier*	*Limits*
Ba Carrier	*82.7*		*30 - 110*

Lab Sample ID: MB 160-658171/1-A
Matrix: Water
Analysis Batch: 662204

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 658171

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.01110	U	0.0739	0.0739	1.00	0.160	pCi/L	04/23/24 08:30	05/17/24 13:59	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*88.8*		*30 - 110*	*04/23/24 08:30*	*05/17/24 13:59*	*1*

Lab Sample ID: LCS 160-658171/2-A
Matrix: Water
Analysis Batch: 662208

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 658171

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-226			11.3	10.95		1.20	1.00	0.168	pCi/L	97	75 - 125		

QC Sample Results

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

Lab ID: 160-53850-1
SDG: 24040438

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

Lab Sample ID: LCS 160-658171/2-A
Matrix: Water
Analysis Batch: 662208

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 658171

Carrier	LCS %Yield	LCS Qualifier	Limits
Ba Carrier	98.2		30 - 110

Lab Sample ID: 160-53850-21 DU
Matrix: Water
Analysis Batch: 662208

Client Sample ID: 24040438-025
Prep Type: Total/NA
Prep Batch: 658171

Analyte	Sample Result	Sample Qual		DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit			RER	RER Limit
Radium-226	0.189			0.2673		0.162	1.00	0.226	pCi/L			0.29	1

Carrier	DU %Yield	DU Qualifier	Limits
Ba Carrier	89.1		30 - 110

Method: 904.0 - Radium-228 (GFPC)

Lab Sample ID: MB 160-658170/1-A
Matrix: Water
Analysis Batch: 661610

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 658170

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.3131	U	0.273	0.275	1.00	0.426	pCi/L	04/23/24 08:27	05/14/24 11:51	1

Carrier	MB %Yield	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	99.7		30 - 110	04/23/24 08:27	05/14/24 11:51	1
Y Carrier	83.4		30 - 110	04/23/24 08:27	05/14/24 11:51	1

Lab Sample ID: LCS 160-658170/2-A
Matrix: Water
Analysis Batch: 661610

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 658170

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-228			8.94	9.170		1.25	1.00	0.488	pCi/L	103	75 - 125		

Carrier	LCS %Yield	LCS Qualifier	Limits
Ba Carrier	97.0		30 - 110
Y Carrier	81.1		30 - 110

Lab Sample ID: 160-53850-1 DU
Matrix: Water
Analysis Batch: 661610

Client Sample ID: 24040438-001
Prep Type: Total/NA
Prep Batch: 658170

Analyte	Sample Result	Sample Qual		DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit			RER	RER Limit
Radium-228	0.0250	U		0.3582	U	0.375	1.00	0.603	pCi/L			0.49	1

QC Sample Results

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

Job ID: 160-53850-1
SDG: 24040438

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

Lab Sample ID: 160-53850-1 DU
Matrix: Water
Analysis Batch: 661610

Client Sample ID: 24040438-001
Prep Type: Total/NA
Prep Batch: 658170

Carrier	DU %Yield	DU Qualifier	Limits
Ba Carrier	82.7		30 - 110
Y Carrier	72.9		30 - 110

Lab Sample ID: MB 160-658172/1-A
Matrix: Water
Analysis Batch: 661452

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 658172

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.2473	U	0.366	0.367	1.00	0.617	pCi/L	04/23/24 08:34	05/14/24 12:03	1

Carrier	MB %Yield	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	88.8		30 - 110	04/23/24 08:34	05/14/24 12:03	1
Y Carrier	85.6		30 - 110	04/23/24 08:34	05/14/24 12:03	1

Lab Sample ID: LCS 160-658172/2-A
Matrix: Water
Analysis Batch: 661452

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 658172

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-228			8.94	9.093		1.21	1.00	0.450	pCi/L	102	75 - 125		

Carrier	LCS %Yield	LCS Qualifier	Limits
Ba Carrier	98.2		30 - 110
Y Carrier	90.8		30 - 110

Lab Sample ID: 160-53850-21 DU
Matrix: Water
Analysis Batch: 661452

Client Sample ID: 24040438-025
Prep Type: Total/NA
Prep Batch: 658172

Analyte	Sample Result	Sample Qual		DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit			RER	RER Limit
Radium-228	0.802			0.9947		0.443	1.00	0.572	pCi/L			0.24	1

Carrier	DU %Yield	DU Qualifier	Limits
Ba Carrier	89.1		30 - 110
Y Carrier	81.5		30 - 110

QC Association Summary

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

Lab ID: 160-53850-1
SDG: 24040438

Rad

Prep Batch: 658169

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-53850-1	24040438-001	Total/NA	Water	PrecSep-21	
160-53850-2	24040438-002	Total/NA	Water	PrecSep-21	
160-53850-3	24040438-003	Total/NA	Water	PrecSep-21	
160-53850-4	24040438-004	Total/NA	Water	PrecSep-21	
160-53850-5	24040438-005	Total/NA	Water	PrecSep-21	
160-53850-6	24040438-006	Total/NA	Water	PrecSep-21	
160-53850-7	24040438-007	Total/NA	Water	PrecSep-21	
160-53850-8	24040438-009	Total/NA	Water	PrecSep-21	
160-53850-9	24040438-012	Total/NA	Water	PrecSep-21	
160-53850-10	24040438-013	Total/NA	Water	PrecSep-21	
160-53850-11	24040438-014	Total/NA	Water	PrecSep-21	
160-53850-12	24040438-015	Total/NA	Water	PrecSep-21	
160-53850-13	24040438-016	Total/NA	Water	PrecSep-21	
160-53850-14	24040438-017	Total/NA	Water	PrecSep-21	
160-53850-15	24040438-018	Total/NA	Water	PrecSep-21	
160-53850-16	24040438-019	Total/NA	Water	PrecSep-21	
160-53850-17	24040438-020	Total/NA	Water	PrecSep-21	
160-53850-18	24040438-021	Total/NA	Water	PrecSep-21	
160-53850-19	24040438-022	Total/NA	Water	PrecSep-21	
160-53850-20	24040438-023	Total/NA	Water	PrecSep-21	
MB 160-658169/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-658169/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	
160-53850-1 DU	24040438-001	Total/NA	Water	PrecSep-21	

Prep Batch: 658170

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-53850-1	24040438-001	Total/NA	Water	PrecSep_0	
160-53850-2	24040438-002	Total/NA	Water	PrecSep_0	
160-53850-3	24040438-003	Total/NA	Water	PrecSep_0	
160-53850-4	24040438-004	Total/NA	Water	PrecSep_0	
160-53850-5	24040438-005	Total/NA	Water	PrecSep_0	
160-53850-6	24040438-006	Total/NA	Water	PrecSep_0	
160-53850-7	24040438-007	Total/NA	Water	PrecSep_0	
160-53850-8	24040438-009	Total/NA	Water	PrecSep_0	
160-53850-9	24040438-012	Total/NA	Water	PrecSep_0	
160-53850-10	24040438-013	Total/NA	Water	PrecSep_0	
160-53850-11	24040438-014	Total/NA	Water	PrecSep_0	
160-53850-12	24040438-015	Total/NA	Water	PrecSep_0	
160-53850-13	24040438-016	Total/NA	Water	PrecSep_0	
160-53850-14	24040438-017	Total/NA	Water	PrecSep_0	
160-53850-15	24040438-018	Total/NA	Water	PrecSep_0	
160-53850-16	24040438-019	Total/NA	Water	PrecSep_0	
160-53850-17	24040438-020	Total/NA	Water	PrecSep_0	
160-53850-18	24040438-021	Total/NA	Water	PrecSep_0	
160-53850-19	24040438-022	Total/NA	Water	PrecSep_0	
160-53850-20	24040438-023	Total/NA	Water	PrecSep_0	
MB 160-658170/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-658170/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	
160-53850-1 DU	24040438-001	Total/NA	Water	PrecSep_0	

QC Association Summary

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

Job ID: 160-53850-1
SDG: 24040438

Rad

Prep Batch: 658171

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-53850-21	24040438-025	Total/NA	Water	PrecSep-21	
160-53850-22	24040438-026	Total/NA	Water	PrecSep-21	
160-53850-23	24040438-027	Total/NA	Water	PrecSep-21	
160-53850-24	24040438-028	Total/NA	Water	PrecSep-21	
160-53850-25	24040438-029	Total/NA	Water	PrecSep-21	
160-53850-26	24040438-030	Total/NA	Water	PrecSep-21	
160-53850-27	24040438-031	Total/NA	Water	PrecSep-21	
160-53850-28	24040438-032	Total/NA	Water	PrecSep-21	
160-53850-29	24040438-033	Total/NA	Water	PrecSep-21	
160-53850-30	24040438-034	Total/NA	Water	PrecSep-21	
MB 160-658171/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-658171/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	
160-53850-21 DU	24040438-025	Total/NA	Water	PrecSep-21	

Prep Batch: 658172

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-53850-21	24040438-025	Total/NA	Water	PrecSep_0	
160-53850-22	24040438-026	Total/NA	Water	PrecSep_0	
160-53850-23	24040438-027	Total/NA	Water	PrecSep_0	
160-53850-24	24040438-028	Total/NA	Water	PrecSep_0	
160-53850-25	24040438-029	Total/NA	Water	PrecSep_0	
160-53850-26	24040438-030	Total/NA	Water	PrecSep_0	
160-53850-27	24040438-031	Total/NA	Water	PrecSep_0	
160-53850-28	24040438-032	Total/NA	Water	PrecSep_0	
160-53850-29	24040438-033	Total/NA	Water	PrecSep_0	
160-53850-30	24040438-034	Total/NA	Water	PrecSep_0	
MB 160-658172/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-658172/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	
160-53850-21 DU	24040438-025	Total/NA	Water	PrecSep_0	

Tracer/Carrier Summary

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

Lab ID: 160-53850-1
SDG: 24040438

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)
160-53850-1	24040438-001	86.3
160-53850-1 DU	24040438-001	82.7
160-53850-2	24040438-002	95.4
160-53850-3	24040438-003	85.0
160-53850-4	24040438-004	83.5
160-53850-5	24040438-005	89.3
160-53850-6	24040438-006	80.2
160-53850-7	24040438-007	86.3
160-53850-8	24040438-009	84.5
160-53850-9	24040438-012	82.2
160-53850-10	24040438-013	74.9
160-53850-11	24040438-014	78.7
160-53850-12	24040438-015	87.8
160-53850-13	24040438-016	78.2
160-53850-14	24040438-017	85.5
160-53850-15	24040438-018	83.0
160-53850-16	24040438-019	87.3
160-53850-17	24040438-020	80.7
160-53850-18	24040438-021	83.2
160-53850-19	24040438-022	92.6
160-53850-20	24040438-023	87.8
160-53850-21	24040438-025	97.2
160-53850-21 DU	24040438-025	89.1
160-53850-22	24040438-026	94.2
160-53850-23	24040438-027	95.2
160-53850-24	24040438-028	81.7
160-53850-25	24040438-029	82.2
160-53850-26	24040438-030	90.6
160-53850-27	24040438-031	68.3
160-53850-28	24040438-032	95.9
160-53850-29	24040438-033	90.1
160-53850-30	24040438-034	86.8
LCS 160-658169/2-A	Lab Control Sample	97.0
LCS 160-658171/2-A	Lab Control Sample	98.2
MB 160-658169/1-A	Method Blank	99.7
MB 160-658171/1-A	Method Blank	88.8

Tracer/Carrier Legend

Ba = Ba Carrier

Method: 904.0 - Radium-228 (GFPC)

Matrix: Water **Prep Type: Total/NA**

		Percent Yield (Acceptance Limits)	
Lab Sample ID	Client Sample ID	Ba (30-110)	Y (30-110)
160-53850-1	24040438-001	86.3	77.4
160-53850-1 DU	24040438-001	82.7	72.9
160-53850-2	24040438-002	95.4	81.5
160-53850-3	24040438-003	85.0	78.1

Tracer/Carrier Summary

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

Lab ID: 160-53850-1
SDG: 24040438

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

Matrix: Water **Prep Type: Total/NA**

		Percent Yield (Acceptance Limits)							
Lab Sample ID	Client Sample ID	Ba (30-110)	Y (30-110)						
160-53850-4	24040438-004	83.5	78.1						
160-53850-5	24040438-005	89.3	79.6						
160-53850-6	24040438-006	80.2	62.8						
160-53850-7	24040438-007	86.3	77.4						
160-53850-8	24040438-009	84.5	72.9						
160-53850-9	24040438-012	82.2	77.4						
160-53850-10	24040438-013	74.9	77.8						
160-53850-11	24040438-014	78.7	79.3						
160-53850-12	24040438-015	87.8	81.1						
160-53850-13	24040438-016	78.2	80.4						
160-53850-14	24040438-017	85.5	77.0						
160-53850-15	24040438-018	83.0	84.1						
160-53850-16	24040438-019	87.3	84.5						
160-53850-17	24040438-020	80.7	86.0						
160-53850-18	24040438-021	83.2	83.0						
160-53850-19	24040438-022	92.6	76.3						
160-53850-20	24040438-023	87.8	69.2						
160-53850-21	24040438-025	97.2	84.9						
160-53850-21 DU	24040438-025	89.1	81.5						
160-53850-22	24040438-026	94.2	81.9						
160-53850-23	24040438-027	95.2	85.6						
160-53850-24	24040438-028	81.7	89.0						
160-53850-25	24040438-029	82.2	89.3						
160-53850-26	24040438-030	90.6	84.9						
160-53850-27	24040438-031	68.3	86.0						
160-53850-28	24040438-032	95.9	86.0						
160-53850-29	24040438-033	90.1	84.1						
160-53850-30	24040438-034	86.8	84.1						
LCS 160-658170/2-A	Lab Control Sample	97.0	81.1						
LCS 160-658172/2-A	Lab Control Sample	98.2	90.8						
MB 160-658170/1-A	Method Blank	99.7	83.4						
MB 160-658172/1-A	Method Blank	88.8	85.6						

Tracer/Carrier Legend

Ba = Ba Carrier
Y = Y Carrier

Site Samping Event: Baldwin- 2Q24
LIMS Workorder: 240040437
Technician(s): JC, TC, BG, PY

Groundwater Sampling Summary
Baldwin- 2Q 2024

			Weather				Well Condition				
WO Sample	**Well ID**	**Program/ Sample Type**	**Temp (°F)**	**Precipitation**	**Wind Direction**	**Sky**	**Well Pad**	**Casing**	**Protective Cover**	**Reference Mark/ ID**	**Well Locked**
001	MW-104DR	Groundwater Sample	81.0	None	N	Partly cloudy	Good	Good	Good	Yes	Yes
002	MW-104SR	Groundwater Sample	81.0	None	N	Partly cloudy	Good	Good	Good	Yes	Yes
003	MW-150	Groundwater Sample	73.0	None	W	Partly cloudy	Good	Good	Good	Yes	Yes
004	MW-151	Groundwater Sample	77.0	None	S	Partly cloudy	Good	Good	Good	Yes	Yes
005	MW-152	Groundwater Sample	70.0	None	S	Partly cloudy	Good	Good	Good	Yes	Yes
006	MW-153	Groundwater Sample	76.0	None	W	Partly cloudy	Good	Good	Good	Yes	Yes
007	MW-154	Groundwater Sample	73.0	None	W	Partly cloudy	Good	Good	Good	Yes	Yes
008	MW-155	Groundwater Sample	82.0	None	S	Partly cloudy	Good	Good	Good	Yes	Yes
009	MW-192	Groundwater Sample	77.0	None	S	Partly cloudy	Good	Good	Good	Yes	Yes
010	MW-193	Groundwater Sample	74.0	None	S	Partly cloudy	Good	Good	Good	Yes	Yes
011	MW-252	Groundwater Sample	73.0	None	S	Partly cloudy	Good	Good	Good	Yes	Yes
012	*MW-253*	*Groundwater Sample*	*71.0*	*None*	*S*	*Partly cloudy*	*Good*	*Good*	*Good*	*Yes*	*Yes*
013	MW-304	Groundwater Sample	80.0	None	N	Partly cloudy	Good	Good	Good	Yes	Yes
014	*MW-306*	*Groundwater Sample*	*71.0*	*None*	*S*	*Partly cloudy*	*Good*	*Good*	*Good*	*Yes*	*Yes*
015	*MW-350*	*Groundwater Sample*	*71.0*	*None*	*S*	*Partly cloudy*	*Good*	*Good*	*Good*	*Yes*	*Yes*
016	MW-352	Groundwater Sample	75.0	None	S	Partly cloudy	Good	Good	Good	Yes	Yes
017	MW-355	Groundwater Sample	76.0	None	W	Partly cloudy	Good	Good	Good	Yes	Yes
018	MW-356	Groundwater Sample	78.0	None	S	Partly cloudy	Good	Good	Good	Yes	Yes
019	MW-358	Groundwater Sample	69.0	None	W	Partly cloudy	Good	Good	Good	Yes	Yes
020	MW-366	Groundwater Sample	81.0	None	S	Partly cloudy	Good	Good	Good	Yes	Yes
021	MW-369	Groundwater Sample	79.0	None	S	Partly cloudy	Good	Good	Good	Yes	Yes
022	MW-370	Groundwater Sample	80.0	None	S	Partly cloudy	Good	Good	Good	Yes	Yes
023	MW-375	Groundwater Sample	78.0	None	W	Partly cloudy	Good	Good	Good	Yes	Yes
024	MW-377	Groundwater Sample	76.0	None	E	Clear	Good	Good	Good	Yes	Yes
025	MW-382	Groundwater Sample	75.0	None	E	Clear	Good	Good	Good	Yes	Yes
026	MW-383	Groundwater Sample	71.0	None	W	Partly cloudy	Good	Good	Good	Yes	Yes
027	MW-384	Groundwater Sample	73.0	None	W	Partly cloudy	Good	Good	Good	Yes	Yes
028	MW-390	Groundwater Sample	81.0	None	S	Partly cloudy	Good	Good	Good	Yes	Yes
029	MW-391	Groundwater Sample	68.0	None	SE	Partly cloudy	Good	Good	Good	Yes	Yes
030	MW-392	Groundwater Sample	77.0	None	S	Partly cloudy	Good	Good	Good	Yes	Yes
031	MW-393	Groundwater Sample	74.0	None	S	Partly cloudy	Good	Good	Good	Yes	Yes
032	MW-394	Groundwater Sample	73.0	None	S	Partly cloudy	Good	Good	Good	Yes	Yes
033	OW-156	Stabilization Data Only	76.0	None	E	Clear	Good	Good	Good	Yes	Yes
034	OW-157	Stabilization Data Only	76.0	None	E	Clear	Good	Good	Good	Yes	Yes
035	OW-256	Groundwater Sample	80.0	None	W	Partly cloudy	Good	Good	Good	Yes	Yes
036	OW-257	Groundwater Sample	79.0	None	W	Partly cloudy	Good	Good	Good	Yes	Yes

Site Samping Event: Baldwin- 2Q24
LIMS Workorder: 240040437
Technician(s): JC, TC, BG, PY

Groundwater Sampling Summary
Baldwin- 2Q 2024

			Weather				Well Condition				
WO Sample	**Well ID**	**Program/ Sample Type**	**Temp (°F)**	**Precipitation**	**Wind Direction**	**Sky**	**Well Pad**	**Casing**	**Protective Cover**	**Reference Mark/ ID**	**Well Locked**
037	PZ-170	Groundwater Sample	73.0	None	E	Clear	Good	Good	Good	Yes	Yes
038	PZ-182	Groundwater Sample	74.0	None	E	Clear	Good	Good	Good	Yes	Yes
039	TPZ-164	Groundwater Sample	80.0	None	W	Clear	Good	Good	Good	Yes	Yes
040	XPW01	Groundwater Sample	64.0	None	SE	Partly cloudy	Good	Good	Good	Yes	Yes
041	XPW05	Groundwater Sample	65.0	None	SE	Partly cloudy	Good	Good	Good	Yes	Yes
042	XPW06	Groundwater Sample	68.0	None	SE	Partly cloudy	Good	Good	Good	Yes	Yes
043	Field Blank	QA/QC Sample	80.0	None	W	Clear					
044	MW-304 Duplicate	QA/QC Sample	80.0	None	N	Partly cloudy	Good	Good	Good	Yes	Yes
045	Equipment Blank 1	QA/QC Sample	80.0	None	W	Clear					

Site Samping Event: Baldwin- 2Q24
LIMS Workorder: 240040437
Technician(s): JC, TC, BG, PY

Groundwater Sampling Summary
Baldwin- 2Q 2024

		GW Level Measurement				Purge Activities							
WO Sample	Well ID	Sampler Initials	Date/Time	DTW (ft)	DTB (ft)	Sampler Initials	Purge Date	Purge Start Time	Purge End Time	Purging Device	Well Diameter (in)	Actual Volume Purged (L)	Purge Rate (mL/min)
001	MW-104DR	TAC	4/16/24 11:55	8.76	31.50	PY	4/16/2024	13:20	13:47	Dedicated Bladder Pump	2"	5.0	185.2
002	MW-104SR	TAC	4/16/24 13:51	8.66	18.00	py	4/16/2024	14:06	14:32	Dedicated Bladder Pump	2"	4.0	153.8
003	MW-150	JC	4/17/24 11:29	18.86	27.90	JC	4/17/2024	11:30	11:44	Dedicated Bladder Pump	2"	2.0	142.9
004	MW-151	JC	4/18/24 11:31	6.66	19.00	JC	4/17/2024	11:31	11:45	Dedicated Bladder Pump	2"	4.0	285.7
005	MW-152	JC	4/18/24 10:00	6.23	20.00	JC	4/18/2024	10:01	10:41	Dedicated Bladder Pump	2"	7.0	175.0
006	MW-153	TAC	4/18/24 10:22	13.43	23.40	PY	4/18/2024	10:24	10:47	Dedicated Bladder Pump	2"	4.0	173.9
007	MW-154	TAC	4/16/24 9:35	10.56	15.40	TCA	4/16/2024	09:37	09:56	Peristaltic Pump	2"	2.0	105.3
008	MW-155	JC	4/17/24 12:28	T.O.P.	23.40	JC	4/17/2024	12:27	12:55	Dedicated Bladder Pump	2"	1.5	53.6
009	MW-192	JC	4/16/24 11:28	8.24	32.91	JC	4/16/2024	11:28	11:39	Dedicated Bladder Pump	2"	2.5	227.3
010	MW-193	JC	4/16/24 10:23	8.86	35.54	JC	4/16/2024	10:30	10:44	Dedicated Bladder Pump	2"	2.5	178.6
011	MW-252	JC	4/18/24 10:43	4.40	52.30	JC	4/18/2024	10:45	10:58	Submersible Pump	2"	4.0	307.7
012	*MW-253*	*JC*	*4/15/24 10:02*	*15.26*	*38.20*								
013	MW-304	PY	4/16/24 10:55	9.21	57.50	PY	4/16/2024	10:59	11:30	Dedicated Bladder Pump	2"	3.0	96.8
014	*MW-306*	*JC*	*4/15/24 10:38*	*17.54*	*90.00*								
015	*MW-350*	*JC*	*4/15/24 12:25*	*23.98*	*49.30*								
016	MW-352	JC	4/18/24 11:03	3.55	75.70	JC	4/18/2024	11:03	11:20	Dedicated Bladder Pump	2"	2.5	147.1
017	MW-355	JC	4/17/24 12:09	23.71	35.40	JC	4/17/2024	12:09	12:23	Dedicated Bladder Pump	2"	3.0	214.3
018	MW-356	JC	4/16/24 12:07	4.64	68.40	JC	4/16/2024	12:07	12:23	Dedicated Bladder Pump	2"	3.5	218.8
019	MW-358	JC	4/17/24 9:23	3.81	92.14	JC	4/17/2024	09:24	10:17	Dedicated Bladder Pump	2"	6.5	122.6
020	MW-366	JC	4/16/24 14:27	16.54	54.50	JC	4/16/2024	14:27	14:43	Dedicated Bladder Pump	2"	2.5	156.2
021	MW-369	JC	4/16/24 12:42	10.49	68.20	JC	4/16/2024	12:42	13:18	Dedicated Bladder Pump	2"	6.0	166.7
022	MW-370	JC	4/16/24 13:24	17.95	65.20	JC	4/16/2024	13:25	13:39	Dedicated Bladder Pump	2"	2.5	178.6
023	MW-375	JC	4/17/24 13:32	34.05	69.50	JC	4/17/2024	13:33	13:47	Dedicated Bladder Pump	2"	3.0	214.3
024	MW-377	PY	4/17/24 14:12	7.72	7.72	PY	4/17/2024	14:13	14:26	Dedicated Bladder Pump	2"	2.0	153.8
025	MW-382	PY	4/17/24 12:33	16.47	68.50	PY	4/17/2024	12:38	13:07	Dedicated Bladder Pump	2"	6.5	224.1
026	MW-383	JC	4/17/24 10:35	20.59	70.30	JC	4/17/2024	10:35	10:52	Dedicated Bladder Pump	2"	3.0	176.5
027	MW-384	JC	4/17/24 10:59	16.22	72.70	JC	4/17/2024	11:00	11:17	Dedicated Bladder Pump	2"	2.5	147.1
028	MW-390	JC	4/16/24 14:00	6.71	67.10	JC	4/16/2024	14:00	14:19	Dedicated Bladder Pump	2"	3.0	157.9
029	MW-391	PY	4/18/24 9:32	71.48	72.40	py	4/18/2024	09:35		Bailer	2"		
030	MW-392	JC	4/16/24 11:37	8.83	86.96	JC	4/16/2024	11:38	11:52	Dedicated Bladder Pump	2"	3.0	214.3
031	MW-393	JC	4/16/24 10:48	8.25	88.27	JC	4/16/2024	10:52	11:04	Dedicated Bladder Pump	2"	2.5	208.3
032	MW-394	JC	4/16/24 9:56	6.64	85.78	JC	4/16/2024	09:58	10:10	Dedicated Bladder Pump	2"	2.5	208.3
033	OW-156	PY	4/17/24 15:21	6.14	20.40	PY	4/17/2024	15:20	15:24	Bailer	2"		
034	OW-157	PY	4/17/24 15:13	5.98	20.40	PY	4/17/2024	15:10	15:15	Bailer	2"		
035	OW-256	JC	4/17/24 14:40	8.61	35.60	JC	4/17/2024	14:41	15:00	Submersible Pump	2"	3.5	184.2
036	OW-257	JC	4/17/24 14:10	6.50	41.90	JC	4/17/2024	14:10	14:29	Submersible Pump	2"	4.0	210.5

Site Samping Event: Baldwin- 2Q24
LIMS Workorder: 240040437
Technician(s): JC, TC, BG, PY

Groundwater Sampling Summary
Baldwin- 2Q 2024

		GW Level Measurement				Purge Activities							
WO Sample	**Well ID**	**Sampler Initials**	**Date/Time**	**DTW (ft)**	**DTB (ft)**	**Sampler Initials**	**Purge Date**	**Purge Start Time**	**Purge End Time**	**Purging Device**	**Well Diameter (in)**	**Actual Volume Purged (L)**	**Purge Rate (mL/min)**
037	PZ-170	PY	4/17/24 10:22	14.25	34.00	PY	4/17/2024	10:24	10:45	Peristaltic Pump	2"	4.0	190.5
038	PZ-182	PY	4/17/24 11:14	17.16	37.10	PY	4/17/2024	11:16	11:58	Peristaltic Pump	2"	7.5	178.6
039	TPZ-164	PY	4/18/24 11:48	3.68	12.90	PY	4/18/2024	11:58	12:29	Peristaltic Pump	2"	6.0	193.5
040	XPW01	JC	4/18/24 8:29	9.70	14.53	JC	4/18/2024	08:29	08:41	Dedicated Bladder Pump	2"	3.0	250.0
041	XPW05	JC	4/18/24 8:54	4.56	31.15	JC	4/18/2024	08:56	09:20	Dedicated Bladder Pump	2"	5.0	208.3
042	XPW06	JC	4/18/24 9:33	2.24	9.66	JC	4/18/2024	09:33	09:47	Dedicated Bladder Pump	2"	3.0	214.3
043	Field Blank				-								
044	MW-304 Duplicate	PY	4/16/24 10:55	9.21	57.50	PY	4/16/2024	10:59	11:30	Dedicated Bladder Pump	2"	3.0	96.8
045	Equipment Blank 1				-								

Site Samping Event: Baldwin- 2Q24
LIMS Workorder: 240040437
Technician(s): JC, TC, BG, PY

Groundwater Sampling Summary
Baldwin- 2Q 2024

WO Sample	Well ID	Sampling Activities and Observations										
		Sampler Initials	Date	Time	Sampling Method	Instrument ID	Field Filtered	Appearance	Odor	Color	Post-Sample DTW (ft)	Drawdown (ft)
001	MW-104DR	TAC	04/16/24	13:47	Low Flow	218083	Yes	Clear	None	None	9.14	0.38
002	MW-104SR	TAC	04/16/24	14:32	Low Flow	218083	Yes	Clear	None	None	10.53	1.87
003	MW-150	JC	04/17/24	11:44	Low Flow	26599	Yes	Clear	None	none	19.19	0.33
004	MW-151	JC	04/18/24	11:45	Low Flow	26599	Yes	Clear	None	none	7.12	0.46
005	MW-152	JC	04/18/24	10:41	Low Flow	26599	Yes	Slightly cloudy	None	none	6.40	0.17
006	MW-153	TAC	04/18/24	10:47	Low Flow	218083	Yes	Clear	None	None	13.88	0.45
007	MW-154											
008	MW-155	JC	04/17/24	12:55	Low Flow	26599	Yes	Slightly cloudy	Slight	none	T.O.P.	N/A
009	MW-192	JC	04/16/24	11:39	Low Flow	26599	No	Clear	None	none	10.24	2
010	MW-193	JC	04/16/24	10:44	Low Flow	26599	No	Clear	None	none	9.40	0.54
011	MW-252	JC	04/18/24	10:58	Low Flow	26599	Yes	Clear	None	none	7.90	3.5
012	*MW-253*											
013	MW-304	TAC	04/16/24	11:30	Low Flow	218083	Yes	Clear	None	None	13.33	4.12
014	*MW-306*											
015	*MW-350*											
016	MW-352	JC	04/18/24	11:20	Low Flow	26599	Yes	Clear	None	none	5.98	2.43
017	MW-355	JC	04/17/24	12:23	Low Flow	26599	Yes	Clear	None	none	24.89	1.18
018	MW-356	JC	04/16/24	12:23	Low Flow	26599	No	Clear	None	none	6.37	1.73
019	MW-358	JC	04/17/24	10:17	Low Flow	26599	No	Clear	Strong	none	7.02	3.21
020	MW-366	JC	04/16/24	14:43	Low Flow	26599	No	Clear	None	none	19.35	2.81
021	MW-369	JC	04/16/24	13:18	Low Flow	26599	No	Clear	None	none	16.87	6.38
022	MW-370	JC	04/16/24	13:39	Low Flow	26599	No	Clear	None	none	19.62	1.67
023	MW-375	JC	04/17/24	13:47	Low Flow	26599	No	Clear	None	none	35.56	1.51
024	MW-377	TAC	04/17/24	14:26	Low Flow	218083	No	Clear	None	None	7.86	0.14
025	MW-382	TAC	04/17/24	13:07	Low Flow	218083	No	Clear	None	None	25.31	8.84
026	MW-383	JC	04/17/24	10:52	Low Flow	26599	No	Clear	None	none	23.25	2.66
027	MW-384	JC	04/17/24	11:17	Low Flow	26599	No	Clear	None	none	19.65	3.43
028	MW-390	JC	04/16/24	14:19	Low Flow	26599	No	Clear	None	none	8.87	2.16
029	MW-391											
030	MW-392	JC	04/16/24	11:52	Low Flow	26599	No	Clear	None	none	11.53	2.7
031	MW-393	JC	04/16/24	11:04	Low Flow	26599	No	Clear	None	none	11.38	3.13
032	MW-394	JC	04/16/24	10:10	Low Flow	26599	No	Clear	Slight	none	9.54	2.9
033	OW-156	TAC	04/17/24	15:24	No Purge	218083					7.22	1.08
034	OW-157	TAC	04/17/24	15:15	No Purge	218083					6.35	0.37
035	OW-256	JC	04/17/24	15:00	Low Flow	26599	No	Clear	None	none	10.21	1.6
036	OW-257	JC	04/17/24	14:29	Low Flow	26599	No	Clear	None	none	9.14	2.64

Site Samping Event: Baldwin- 2Q24
LIMS Workorder: 240040437
Technician(s): JC, TC, BG, PY

Groundwater Sampling Summary
Baldwin- 2Q 2024

		Sampling Activities and Observations										
WO Sample	**Well ID**	**Sampler Initials**	**Date**	**Time**	**Sampling Method**	**Instrument ID**	**Field Filtered**	**Appearance**	**Odor**	**Color**	**Post-Sample DTW (ft)**	**Drawdown (ft)**
037	PZ-170	TAC	04/17/24	10:45	Low Flow	218083	No	Clear	None	None	17.54	**3.29**
038	PZ-182	TAC	04/17/24	11:58	Low Flow	218083	No	Clear	Strong	Grey	17.44	0.28
039	TPZ-164	TAC	04/18/24	12:29	Low Flow	218083	No	Clear	None	None	3.70	0.02
040	XPW01	JC	04/18/24	08:41	Low Flow	26599	No	Slightly cloudy	None	none	10.04	0.34
041	XPW05	JC	04/18/24	09:20	Low Flow	26599	No	Slightly cloudy	Slight	none	5.45	**0.89**
042	XPW06	JC	04/18/24	09:47	Low Flow	26599	No	Clear	None	none	2.44	0.2
043	Field Blank	JC	04/18/24	11:45	No Purge	-	No					
044	MW-304 Duplicate	TAC	04/16/24	11:30	Low Flow	218083	Yes	Clear	None	None	13.33	**4.12**
045	Equipment Blank 1	JC	04/18/24	15:20	No Purge	-	No					

Site Samping Event: Baldwin- 2Q24
LIMS Workorder: 240040437
Technician(s): JC, TC, BG, PY

Groundwater Sampling Summary
Baldwin- 2Q 2024

WO Sample	Well ID	COMMENTS
001	MW-104DR	
002	MW-104SR	
003	MW-150	
004	MW-151	
005	MW-152	
006	MW-153	
007	MW-154	Went dry during stabilization. DTW on 4/17=15.22', 4/18=15.16'. **DRY**
008	MW-155	T.O.P.= 20.47'
009	MW-192	
010	MW-193	
011	MW-252	
012	*MW-253*	***Request Not to Sample per Ramboll*
013	MW-304	
014	*MW-306*	***Request Not to Sample per Ramboll*
015	*MW-350*	***Request Not to Sample per Ramboll*
016	MW-352	
017	MW-355	
018	MW-356	
019	MW-358	
020	MW-366	
021	MW-369	
022	MW-370	
023	MW-375	
024	MW-377	
025	MW-382	
026	MW-383	
027	MW-384	
028	MW-390	
029	MW-391	DRY. Not enough water to collect sample. Bailer had less than a inch of water from hitting the bottom.
030	MW-392	
031	MW-393	
032	MW-394	
033	OW-156	
034	OW-157	
035	OW-256	
036	OW-257	

Site Samping Event: Baldwin- 2Q24
LIMS Workorder: 240040437
Technician(s): JC, TC, BG, PY

Groundwater Sampling Summary
Baldwin- 2Q 2024

WO Sample	Well ID	COMMENTS
037	PZ-170	
038	PZ-182	
039	TPZ-164	
040	XPW01	
041	XPW05	
042	XPW06	
043	Field Blank	
044	MW-304 Duplicate	
045	Equipment Blank 1	

Site Samping Event: Baldwin- 2Q24
LIMS Workorder: 240040437
Technician(s): JC, TC, BG, PY

Stabilized Field Parameters
Baldwin- 2Q 2024

Well ID	Date	Time	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	DTW (ft)	LIMS ID
MW-104DR	4/16/2024	13:47	18.0	64.4	7.05	998.2	0.81	14.60	74.0	8.76	24040437-001A
MW-104SR	4/16/2024	14:32	15.1	59.2	6.80	1,140.9	0.76	44.15	-85.8	8.66	24040437-002A
MW-150	4/17/2024	11:44	14.5	58.1	7.05	1,568.5	2.37	2.04	-18.9	18.86	24040437-003A
MW-151	4/18/2024	11:45	15.9	60.6	6.80	1,058.9	0.83	13.63	53.9	6.66	24040437-004A
MW-152	4/18/2024	10:41	14.1	57.4	6.72	1,399.7	0.73	25.07	95.8	6.23	24040437-005A
MW-153	4/18/2024	10:47	15.3	59.5	6.87	626.0	1.87	23.87	29.1	13.43	24040437-006A
MW-154	4/15/2024	9:35	Dry- No Sample							10.56	24040437-007A
MW-155	4/17/2024	12:55	18.0	64.4	7.02	645.5	2.11	21.80	41.4	T.O.P	24040437-008A
MW-192	4/16/2024	11:39	17.3	63.1	6.96	572.2	0.81	5.08	-14.9	8.24	24040437-009A
MW-193	4/16/2024	10:44	17.8	64.0	6.81	706.4	2.09	8.24	29.5	8.86	24040437-010A
MW-252	4/18/2024	10:58	17.9	64.2	6.79	1,693.4	0.74	23.23	79.0	4.40	24040437-011A
MW-253	4/15/2024	10:02	*Request not to Sample per Ramboll							15.26	24040437-012A
MW-304	4/16/2024	11:30	17.3	63.1	7.81	2,465.0	0.21	7.09	43.8	9.21	24040437-013A
MW-306	4/15/2024	10:38	*Request not to Sample per Ramboll							17.54	24040437-014A
MW-350	4/15/2024	12:25	*Request not to Sample per Ramboll							23.98	24040437-015A
MW-352	4/18/2024	11:20	17.0	62.6	7.41	2,191.7	2.90	2.60	-93.7	3.55	24040437-016A
MW-355	4/17/2024	12:23	15.2	59.4	7.09	660.1	0.71	3.42	-23.6	23.71	24040437-017A
MW-356	4/16/2024	12:23	16.2	61.2	7.77	922.8	0.79	1.95	-72.1	4.64	24040437-018A
MW-358	4/17/2024	10:17	16.2	61.2	7.69	2,511.3	0.54	22.55	-279.9	3.81	24040437-019A
MW-366	4/16/2024	14:43	16.4	61.5	6.77	1,447.1	0.75	27.93	67.0	16.54	24040437-020A
MW-369	4/16/2024	13:18	16.3	61.3	7.00	991.1	0.68	4.52	-46.6	10.49	24040437-021A
MW-370	4/16/2024	13:39	18.4	65.1	7.59	4,470.0	0.81	2.01	20.0	17.95	24040437-022A
MW-375	4/17/2024	13:47	15.6	60.1	7.81	1,261.0	0.76	4.72	-4.5	34.05	24040437-023A
MW-377	4/17/2024	14:26	18.0	64.4	7.12	1,117.0	0.26	9.45	-28.4	7.72	24040437-024A
MW-382	4/17/2024	13:07	17.2	63.0	7.70	1,786.8	0.13	149.34	-27.0	16.47	24040437-025A
MW-383	4/17/2024	10:52	19.3	66.7	7.58	1,138.7	0.66	5.25	-43.6	20.59	24040437-026A
MW-384	4/17/2024	11:17	18.4	65.1	8.07	2,158.6	0.66	4.56	-18.4	16.22	24040437-027A
MW-390	4/16/2024	14:19	18.1	64.6	7.19	1,541.5	0.70	5.98	22.8	6.71	24040437-028A
MW-391	4/18/2024	9:32	Dry- No Sample							71.48	24040437-029A
MW-392	4/16/2024	11:52	17.5	63.5	7.67	2,685.7	0.90	7.80	-117.5	8.83	24040437-030A
MW-393	4/16/2024	11:04	17.1	62.8	8.16	3,232.1	0.70	7.60	-165.9	8.25	24040437-031A
MW-394	4/16/2024	10:10	16.9	62.4	7.90	3,243.9	0.72	2.83	-267.7	6.64	24040437-032A
OW-156	4/17/2024	15:24	14.7	58.5	6.68	939.4	4.29	16.89	39.6	6.14	24040437-033A
OW-157	4/17/2024	15:15	17.9	64.2	6.29	4,099.6	3.83	34.99	49.1	5.98	24040437-034A
OW-256	4/17/2024	15:00	22.0	71.6	6.89	632.1	1.04	10.99	73.7	8.61	24040437-035A
OW-257	4/17/2024	14:29	22.8	73.0	7.18	858.0	2.06	19.21	60.6	6.50	24040437-036A
PZ-170	4/17/2024	10:45	16.4	61.5	6.62	1,866.5	0.70	4.04	-174.3	14.25	24040437-037A
PZ-182	4/17/2024	11:58	18.1	64.6	6.66	1,165.2	1.06	13.22	-140.6	17.16	24040437-038A
TPZ-164	4/18/2024	12:29	15.8	60.4	7.25	860.6	1.66	2.19	-122.8	3.68	24040437-039A
XPW01	4/18/2024	8:41	14.9	58.8	6.88	733.7	0.82	6.64	-110.2	9.70	24040437-040A
XPW05	4/18/2024	9:20	17.6	63.7	7.03	859.0	1.40	13.36	-100.9	4.56	24040437-041A
XPW06	4/18/2024	9:47	14.2	57.6	7.16	672.9	0.76	1.79	-99.3	2.24	24040437-042A

Site Samping Event: Baldwin- 2Q24
LIMS Workorder: 240040437
Technician(s): JC, TC, BG, PY

Stabilized Field Parameters
Baldwin- 2Q 2024

Well ID	Date	Time	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	DTW (ft)	LIMS ID
Field Blank	4/18/2024	11:45	QA/QC Sample								24040437-043A
MW-304 Duplicate	4/16/2024	11:30	17.3	63.1	7.81	2,465.0	0.21	7.09	43.8	9.21	24040437-044A
Equipment Blank 1	4/18/2024	15:20	QA/QC Sample								24040437-045A

Site Samping Event: Baldwin- 2Q24
LIMS Workorder: 240040437
Technician(s): JC, TC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Baldwin- 2Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-104DR	4/16/2024	13:35	8.76	17.5	63.5	7.06	999.6	1.16	11.77	77.2
MW-104DR	4/16/2024	13:38	8.76	17.9	64.2	7.06	1,001.5	1.01	11.39	75.8
MW-104DR	4/16/2024	13:41	8.76	18.0	64.4	7.06	1,000.5	0.94	13.08	75.0
MW-104DR	4/16/2024	13:44	8.76	18.0	64.4	7.06	998.2	0.89	13.82	74.4
MW-104DR	4/16/2024	13:47	8.76	18.0	64.4	7.05	998.2	0.81	14.60	74.0

Site Samping Event: Baldwin- 2Q24
LIMS Workorder: 240040437
Technician(s): JC, TC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Baldwin- 2Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-104SR	4/16/2024	14:17	8.66	15.3	59.5	6.80	1,153.0	0.75	15.75	-60.8
MW-104SR	4/16/2024	14:20	8.66	15.1	59.2	6.81	1,152.7	0.66	16.76	-70.5
MW-104SR	4/16/2024	14:23	8.66	15.0	59.0	6.81	1,154.1	0.58	21.67	-76.8
MW-104SR	4/16/2024	14:26	8.66	15.0	59.0	6.81	1,148.8	0.71	24.22	-81.4
MW-104SR	4/16/2024	14:29	8.66	15.0	59.0	6.81	1,146.0	0.78	33.98	-84.8
MW-104SR	4/16/2024	14:32	8.66	15.1	59.2	6.80	1,140.9	0.76	44.15	-85.8

Site Samping Event: Baldwin- 2Q24
LIMS Workorder: 240040437
Technician(s): JC, TC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Baldwin- 2Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-150	4/17/2024	11:38	18.86	14.7	58.5	7.07	1,566.7	2.32	2.73	-48.0
MW-150	4/17/2024	11:41	18.86	14.5	58.1	7.06	1,562.7	2.26	1.95	-31.3
MW-150	4/17/2024	11:44	18.86	14.5	58.1	7.05	1,568.5	2.37	2.04	-18.9

Site Samping Event: Baldwin- 2Q24
LIMS Workorder: 240040437
Technician(s): JC, TC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Baldwin- 2Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-151	4/18/2024	11:36	6.66	14.8	58.6	6.81	1,072.6	1.05	19.18	23.5
MW-151	4/18/2024	11:39	6.66	15.2	59.4	6.80	1,072.3	0.92	15.44	37.8
MW-151	4/18/2024	11:42	6.66	15.6	60.1	6.80	1,066.2	0.86	13.82	47.3
MW-151	4/18/2024	11:45	6.66	15.9	60.6	6.80	1,058.9	0.83	13.63	53.9

Site Samping Event: Baldwin- 2Q24
LIMS Workorder: 240040437
Technician(s): JC, TC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Baldwin- 2Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-152	4/18/2024	10:23	6.23	13.6	56.5	6.72	1,400.6	0.86	52.55	85.9
MW-152	4/18/2024	10:26	6.23	13.6	56.5	6.72	1,400.0	0.81	44.46	88.3
MW-152	4/18/2024	10:29	6.23	13.8	56.8	6.72	1,397.9	0.78	43.55	90.2
MW-152	4/18/2024	10:32	6.23	13.9	57.0	6.72	1,398.1	0.77	36.49	91.9
MW-152	4/18/2024	10:35	6.23	14.2	57.6	6.72	1,396.8	0.75	31.81	93.3
MW-152	4/18/2024	10:38	6.23	14.2	57.6	6.72	1,398.1	0.74	27.65	94.7
MW-152	4/18/2024	10:41	6.23	14.1	57.4	6.72	1,399.7	0.73	25.07	95.8

Site Samping Event: Baldwin- 2Q24
LIMS Workorder: 240040437
Technician(s): JC, TC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Baldwin- 2Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-153	4/18/2024	10:38	13.43	15.3	59.5	6.86	626.3	1.94	19.89	27.8
MW-153	4/18/2024	10:41	13.43	15.3	59.5	6.86	626.0	1.89	21.98	27.6
MW-153	4/18/2024	10:44	13.43	15.3	59.5	6.87	626.0	1.86	22.72	28.3
MW-153	4/18/2024	10:47	13.43	15.3	59.5	6.87	626.0	1.87	23.87	29.1

Site Samping Event: Baldwin- 2Q24
LIMS Workorder: 240040437
Technician(s): JC, TC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Baldwin- 2Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-154	4/16/2024	9:35	10.56	Dry- No Sample						

Site Samping Event: Baldwin- 2Q24
LIMS Workorder: 240040437
Technician(s): JC, TC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Baldwin- 2Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-155	4/17/2024	12:31		14.5	58.1	7.05	646.8	2.31	143.12	22.5
MW-155	4/17/2024	12:34		15.4	59.7	7.03	644.6	1.87	130.61	25.3
MW-155	4/17/2024	12:37		16.2	61.2	7.02	646.6	1.70	98.31	28.1
MW-155	4/17/2024	12:40		16.9	62.4	7.02	647.2	1.72	78.94	30.9
MW-155	4/17/2024	12:43		17.5	63.5	7.02	646.7	1.86	61.21	33.6
MW-155	4/17/2024	12:46		17.7	63.9	7.02	648.0	1.93	42.26	35.9
MW-155	4/17/2024	12:49		17.8	64.0	7.02	646.7	1.98	32.91	38.3
MW-155	4/17/2024	12:52		18.0	64.4	7.02	646.4	2.06	28.80	40.1
MW-155	4/17/2024	12:55		18.0	64.4	7.02	645.5	2.11	21.80	41.4

Site Samping Event: Baldwin- 2Q24
LIMS Workorder: 240040437
Technician(s): JC, TC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Baldwin- 2Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-192	4/16/2024	11:33	8.24	17.5	63.5	6.99	575.8	1.59	6.21	-16.3
MW-192	4/16/2024	11:36	8.24	17.3	63.1	6.96	573.5	0.98	4.92	-15.3
MW-192	4/16/2024	11:39	8.24	17.3	63.1	6.96	572.2	0.81	5.08	-14.9

Site Samping Event: Baldwin- 2Q24
LIMS Workorder: 240040437
Technician(s): JC, TC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Baldwin- 2Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-193	4/16/2024	10:38	8.86	18.0	64.4	6.83	708.3	2.62	11.19	20.4
MW-193	4/16/2024	10:41	8.86	17.9	64.2	6.82	706.6	2.31	9.43	26.9
MW-193	4/16/2024	10:44	8.86	17.8	64.0	6.81	706.4	2.09	8.24	29.5

Site Samping Event: Baldwin- 2Q24
LIMS Workorder: 240040437
Technician(s): JC, TC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Baldwin- 2Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-252	4/18/2024	10:49	4.4	16.2	61.2	6.74	1,694.7	0.99	20.26	85.3
MW-252	4/18/2024	10:52	4.4	16.6	61.9	6.77	1,696.3	0.81	19.11	81.7
MW-252	4/18/2024	10:55	4.4	17.4	63.3	6.78	1,683.8	0.76	21.72	79.6
MW-252	4/18/2024	10:58	4.4	17.9	64.2	6.79	1,693.4	0.74	23.23	79.0

Site Samping Event: Baldwin- 2Q24
LIMS Workorder: 240040437
Technician(s): JC, TC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Baldwin- 2Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-253	4/16/2024	10:02	15.26	**Request not to Sample per Ramboll*						

Site Samping Event: Baldwin- 2Q24
LIMS Workorder: 240040437
Technician(s): JC, TC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Baldwin- 2Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-304	4/16/2024	11:12	9.21	16.7	62.1	7.82	2,487.0	0.52	3.87	8.4
MW-304	4/16/2024	11:15	9.21	16.7	62.1	7.82	2,486.2	0.34	6.03	18.9
MW-304	4/16/2024	11:18	9.21	16.8	62.2	7.82	2,478.2	0.28	2.15	26.4
MW-304	4/16/2024	11:21	9.21	16.8	62.2	7.82	2,478.5	0.25	4.14	32.1
MW-304	4/16/2024	11:24	9.21	17.2	63.0	7.81	2,473.9	0.23	7.29	36.4
MW-304	4/16/2024	11:27	9.21	17.3	63.1	7.81	2,470.1	0.22	4.75	40.3
MW-304	4/16/2024	11:30	9.21	17.3	63.1	7.81	2,465.0	0.21	7.09	43.8

Site Samping Event: Baldwin- 2Q24
LIMS Workorder: 240040437
Technician(s): JC, TC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Baldwin- 2Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-306	4/16/2024	10:38	17.54	**Request not to Sample per Ramboll*						

Site Samping Event: Baldwin- 2Q24
LIMS Workorder: 240040437
Technician(s): JC, TC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Baldwin- 2Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-350	4/16/2024	12:25	23.98	**Request not to Sample per Ramboll*						

Site Samping Event: Baldwin- 2Q24
LIMS Workorder: 240040437
Technician(s): JC, TC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Baldwin- 2Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-352	4/18/2024	11:11	3.55	16.6	61.9	7.32	2,151.4	3.28	1.49	-106.4
MW-352	4/18/2024	11:14	3.55	16.7	62.1	7.37	2,178.5	3.04	1.66	-100.6
MW-352	4/18/2024	11:17	3.55	16.7	62.1	7.40	2,189.0	2.85	1.99	-97.0
MW-352	4/18/2024	11:20	3.55	17.0	62.6	7.41	2,191.7	2.90	2.60	-93.7

Site Samping Event: Baldwin- 2Q24
LIMS Workorder: 240040437
Technician(s): JC, TC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Baldwin- 2Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-355	4/17/2024	12:14	23.71	15.4	59.7	7.11	663.8	1.06	5.68	-51.6
MW-355	4/17/2024	12:17	23.71	15.3	59.5	7.10	660.8	0.83	4.08	-40.0
MW-355	4/17/2024	12:20	23.71	15.2	59.4	7.10	659.7	0.75	3.87	-30.6
MW-355	4/17/2024	12:23	23.71	15.2	59.4	7.09	660.1	0.71	3.42	-23.6

Site Samping Event: Baldwin- 2Q24
LIMS Workorder: 240040437
Technician(s): JC, TC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Baldwin- 2Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-356	4/16/2024	12:14	4.64	16.2	61.2	7.78	972.6	1.73	3.17	-70.3
MW-356	4/16/2024	12:17	4.64	16.2	61.2	7.77	964.2	1.10	2.81	-80.2
MW-356	4/16/2024	12:20	4.64	16.2	61.2	7.77	940.4	0.87	2.15	-79.3
MW-356	4/16/2024	12:23	4.64	16.2	61.2	7.77	922.8	0.79	1.95	-72.1

Site Samping Event: Baldwin- 2Q24
LIMS Workorder: 240040437
Technician(s): JC, TC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Baldwin- 2Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-358	4/17/2024	9:42	3.81	16.2	61.2	7.94	3,610.0	0.59	18.96	-163.4
MW-358	4/17/2024	9:45	3.81	16.2	61.2	7.94	3,510.8	0.58	28.33	-164.9
MW-358	4/17/2024	9:48	3.81	16.2	61.2	7.95	3,402.3	0.57	56.23	-164.2
MW-358	4/17/2024	9:51	3.81	16.1	61.0	7.96	3,263.7	0.56	80.39	-165.1
MW-358	4/17/2024	9:54	3.81	16.2	61.2	7.96	3,168.1	0.55	63.76	-170.0
MW-358	4/17/2024	9:57	3.81	16.1	61.0	7.94	3,047.6	0.54	93.23	-185.5
MW-358	4/17/2024	10:00	3.81	16.2	61.2	7.86	2,924.0	0.54	96.35	-219.8
MW-358	4/17/2024	10:03	3.81	16.1	61.0	7.77	2,725.5	0.55	27.16	-246.6
MW-358	4/17/2024	10:08	3.81	16.1	61.0	7.73	2,598.4	1.88	13.36	-248.0
MW-358	4/17/2024	10:11	3.81	16.1	61.0	7.71	2,560.3	0.66	13.72	-264.0
MW-358	4/17/2024	10:14	3.81	16.1	61.0	7.70	2,536.0	0.57	19.35	-273.3
MW-358	4/17/2024	10:17	3.81	16.2	61.2	7.69	2,511.3	0.54	22.55	-279.9

Site Samping Event: Baldwin- 2Q24
LIMS Workorder: 240040437
Technician(s): JC, TC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Baldwin- 2Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-366	4/16/2024	14:34	16.54	15.8	60.4	6.79	1,468.0	1.08	31.48	58.2
MW-366	4/16/2024	14:37	16.54	16.2	61.2	6.78	1,457.9	0.88	27.14	61.9
MW-366	4/16/2024	14:40	16.54	16.3	61.3	6.78	1,452.5	0.79	25.84	64.8
MW-366	4/16/2024	14:43	16.54	16.4	61.5	6.77	1,447.1	0.75	27.93	67.0

Site Samping Event: Baldwin- 2Q24
LIMS Workorder: 240040437
Technician(s): JC, TC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Baldwin- 2Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-369	4/16/2024	12:57	10.49	16.4	61.5	8.41	1,811.2	0.83	36.91	-120.5
MW-369	4/16/2024	13:00	10.49	16.2	61.2	8.44	1,676.1	0.77	42.25	-110.9
MW-369	4/16/2024	13:09	10.49	16.0	60.8	7.78	1,336.6	1.79	5.59	-47.8
MW-369	4/16/2024	13:12	10.49	16.3	61.3	7.33	1,213.1	0.85	5.28	-57.3
MW-369	4/16/2024	13:15	10.49	16.4	61.5	7.08	1,077.1	0.72	4.76	-52.1
MW-369	4/16/2024	13:18	10.49	16.3	61.3	7.00	991.1	0.68	4.52	-46.6

Site Samping Event: Baldwin- 2Q24
LIMS Workorder: 240040437
Technician(s): JC, TC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Baldwin- 2Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-370	4/16/2024	13:30	17.95	17.0	62.6	7.56	4,333.5	1.90	2.59	12.0
MW-370	4/16/2024	13:33	17.95	17.2	63.0	7.59	4,437.7	1.06	2.40	9.9
MW-370	4/16/2024	13:36	17.95	18.2	64.8	7.59	4,444.5	0.85	2.28	14.7
MW-370	4/16/2024	13:39	17.95	18.4	65.1	7.59	4,470.0	0.81	2.01	20.0

Site Samping Event: Baldwin- 2Q24
LIMS Workorder: 240040437
Technician(s): JC, TC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Baldwin- 2Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-375	4/17/2024	13:41	34.05	15.6	60.1	7.83	1,299.6	1.03	5.38	-15.4
MW-375	4/17/2024	13:44	34.05	15.5	59.9	7.81	1,278.3	0.82	5.32	-10.7
MW-375	4/17/2024	13:47	34.05	15.6	60.1	7.81	1,261.0	0.76	4.72	-4.5

Site Samping Event: Baldwin- 2Q24
LIMS Workorder: 240040437
Technician(s): JC, TC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Baldwin- 2Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-377	4/17/2024	14:17	7.72	18.0	64.4	7.12	1,131.7	0.71	5.52	-39.1
MW-377	4/17/2024	14:20	7.72	17.9	64.2	7.12	1,124.3	0.42	9.16	-36.0
MW-377	4/17/2024	14:23	7.72	18.0	64.4	7.12	1,118.9	0.32	7.99	-31.9
MW-377	4/17/2024	14:26	7.72	18.0	64.4	7.12	1,117.0	0.26	9.45	-28.4

Site Samping Event: Baldwin- 2Q24
LIMS Workorder: 240040437
Technician(s): JC, TC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Baldwin- 2Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-382	4/17/2024	12:49	16.47	17.1	62.8	7.77	1,837.1	0.47	31.66	-59.2
MW-382	4/17/2024	12:52	16.47	17.1	62.8	7.74	1,808.3	0.25	74.42	-42.8
MW-382	4/17/2024	12:55	16.47	17.0	62.6	7.72	1,796.3	0.19	130.35	-33.5
MW-382	4/17/2024	12:58	16.47	17.0	62.6	7.71	1,795.9	0.16	170.68	-29.2
MW-382	4/17/2024	13:01	16.47	17.2	63.0	7.71	1,794.8	0.14	133.13	-27.4
MW-382	4/17/2024	13:04	16.47	17.1	62.8	7.70	1,795.2	0.14	150.14	-26.5
MW-382	4/17/2024	13:07	16.47	17.2	63.0	7.70	1,786.8	0.13	149.34	-27.0

Site Samping Event: Baldwin- 2Q24
LIMS Workorder: 240040437
Technician(s): JC, TC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Baldwin- 2Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-383	4/17/2024	10:40	20.59	19.4	66.9	7.63	1,138.9	1.34	5.93	-82.2
MW-383	4/17/2024	10:43	20.59	19.4	66.9	7.62	1,144.0	0.94	6.44	-66.3
MW-383	4/17/2024	10:46	20.59	19.4	66.9	7.60	1,142.8	0.77	5.21	-56.7
MW-383	4/17/2024	10:49	20.59	19.4	66.9	7.59	1,140.4	0.69	4.60	-49.6
MW-383	4/17/2024	10:52	20.59	19.3	66.7	7.58	1,138.7	0.66	5.25	-43.6

Site Samping Event: Baldwin- 2Q24
LIMS Workorder: 240040437
Technician(s): JC, TC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Baldwin- 2Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-384	4/17/2024	11:08	16.22	18.4	65.1	8.06	2,154.0	1.17	8.03	-24.2
MW-384	4/17/2024	11:11	16.22	18.4	65.1	8.07	2,160.0	0.82	5.12	-23.3
MW-384	4/17/2024	11:14	16.22	18.4	65.1	8.08	2,160.8	0.71	5.62	-21.2
MW-384	4/17/2024	11:17	16.22	18.4	65.1	8.07	2,158.6	0.66	4.56	-18.4

Site Samping Event: Baldwin- 2Q24
LIMS Workorder: 240040437
Technician(s): JC, TC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Baldwin- 2Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-390	4/16/2024	14:10	6.71	18.3	64.9	7.23	1,907.6	1.11	7.49	-6.7
MW-390	4/16/2024	14:13	6.71	18.2	64.8	7.21	1,807.1	0.82	6.91	7.2
MW-390	4/16/2024	14:16	6.71	18.3	64.9	7.20	1,689.6	0.75	5.88	16.6
MW-390	4/16/2024	14:19	6.71	18.1	64.6	7.19	1,541.5	0.70	5.98	22.8

Site Samping Event: Baldwin- 2Q24
LIMS Workorder: 240040437
Technician(s): JC, TC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Baldwin- 2Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-391	4/18/2024	9:32	71.48	Dry- No Sample						

Site Samping Event: Baldwin- 2Q24
LIMS Workorder: 240040437
Technician(s): JC, TC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Baldwin- 2Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-392	4/16/2024	11:46	8.83	17.6	63.7	7.65	2,658.5	1.77	7.69	-105.2
MW-392	4/16/2024	11:49	8.83	17.6	63.7	7.66	2,679.9	1.13	9.53	-115.2
MW-392	4/16/2024	11:52	8.83	17.5	63.5	7.67	2,685.7	0.90	7.80	-117.5

Site Samping Event: Baldwin- 2Q24
LIMS Workorder: 240040437
Technician(s): JC, TC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Baldwin- 2Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-393	4/16/2024	10:58	8.25	16.9	62.4	8.16	3,105.0	1.22	7.16	-157.3
MW-393	4/16/2024	11:01	8.25	16.9	62.4	8.16	3,216.3	0.79	4.79	-162.0
MW-393	4/16/2024	11:04	8.25	17.1	62.8	8.16	3,232.1	0.70	7.60	-165.9

Site Samping Event: Baldwin- 2Q24
LIMS Workorder: 240040437
Technician(s): JC, TC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Baldwin- 2Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-394	4/16/2024	10:04	6.64	16.5	61.7	7.87	3,299.8	0.88	2.81	-206.2
MW-394	4/16/2024	10:07	6.64	16.8	62.2	7.88	3,286.0	0.79	2.41	-236.8
MW-394	4/16/2024	10:10	6.64	16.9	62.4	7.90	3,243.9	0.72	2.83	-267.7

Site Samping Event: Baldwin- 2Q24
LIMS Workorder: 240040437
Technician(s): JC, TC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Baldwin- 2Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
OW-156	4/17/2024	15:24	6.14	14.7	58.5	6.68	939.4	4.29	16.89	39.6

Site Samping Event: Baldwin- 2Q24
LIMS Workorder: 240040437
Technician(s): JC, TC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Baldwin- 2Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
OW-157	4/17/2024	15:15	5.98	17.9	64.2	6.29	4,099.6	3.83	34.99	49.1

Site Samping Event: Baldwin- 2Q24
LIMS Workorder: 240040437
Technician(s): JC, TC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Baldwin- 2Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
OW-256	4/17/2024	14:45	8.61	18.6	65.5	7.07	631.1	1.85	12.18	73.8
OW-256	4/17/2024	14:48	8.61	18.0	64.4	7.03	630.8	1.66	14.03	76.3
OW-256	4/17/2024	14:51	8.61	17.9	64.2	6.96	635.8	1.41	20.03	78.1
OW-256	4/17/2024	14:54	8.61	18.1	64.6	6.91	640.3	1.11	15.66	78.1
OW-256	4/17/2024	14:57	8.61	18.9	66.0	6.90	639.2	1.06	13.05	76.1
OW-256	4/17/2024	15:00	8.61	22.0	71.6	6.89	632.1	1.04	10.99	73.7

Site Samping Event: Baldwin- 2Q24
LIMS Workorder: 240040437
Technician(s): JC, TC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Baldwin- 2Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
OW-257	4/17/2024	14:14	6.5	21.6	70.9	7.16	849.2	2.19	28.90	63.5
OW-257	4/17/2024	14:17	6.5	20.5	68.9	7.18	863.1	2.07	42.92	69.4
OW-257	4/17/2024	14:20	6.5	21.1	70.0	7.17	853.3	2.06	50.07	64.1
OW-257	4/17/2024	14:23	6.5	23.2	73.8	7.16	854.5	2.09	26.60	62.2
OW-257	4/17/2024	14:26	6.5	22.6	72.7	7.18	862.3	2.08	24.79	61.4
OW-257	4/17/2024	14:29	6.5	22.8	73.0	7.18	858.0	2.06	19.21	60.6

Site Samping Event: Baldwin- 2Q24
LIMS Workorder: 240040437
Technician(s): JC, TC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Baldwin- 2Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
PZ-170	4/17/2024	10:36	14.25	16.7	62.1	6.61	1,666.4	1.09	5.79	-123.9
PZ-170	4/17/2024	10:39	14.25	16.3	61.3	6.61	1,708.8	0.87	5.53	-143.1
PZ-170	4/17/2024	10:42	14.25	16.4	61.5	6.60	1,978.5	0.78	4.92	-187.5
PZ-170	4/17/2024	10:45	14.25	16.4	61.5	6.62	1,866.5	0.70	4.04	-174.3

Site Samping Event: Baldwin- 2Q24
LIMS Workorder: 240040437
Technician(s): JC, TC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Baldwin- 2Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
PZ-182	4/17/2024	11:46	17.16	18.0	64.4	6.65	1,167.1	1.00	41.94	-153.8
PZ-182	4/17/2024	11:49	17.16	17.8	64.0	6.66	1,167.6	1.06	22.00	-150.5
PZ-182	4/17/2024	11:52	17.16	18.0	64.4	6.66	1,167.4	1.15	15.18	-146.3
PZ-182	4/17/2024	11:55	17.16	18.2	64.8	6.66	1,166.4	1.11	23.92	-141.7
PZ-182	4/17/2024	11:58	17.16	18.1	64.6	6.66	1,165.2	1.06	13.22	-140.6

Site Samping Event: Baldwin- 2Q24
LIMS Workorder: 240040437
Technician(s): JC, TC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Baldwin- 2Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
TPZ-164	4/18/2024	12:17	3.68	15.7	60.3	7.24	859.5	1.97	7.77	-118.2
TPZ-164	4/18/2024	12:20	3.68	15.5	59.9	7.25	862.0	1.90	4.71	-118.9
TPZ-164	4/18/2024	12:23	3.68	15.4	59.7	7.25	863.2	1.80	4.30	-120.6
TPZ-164	4/18/2024	12:26	3.68	15.4	59.7	7.25	861.6	1.74	3.02	-121.7
TPZ-164	4/18/2024	12:29	3.68	15.8	60.4	7.25	860.6	1.66	2.19	-122.8

Site Samping Event: Baldwin- 2Q24
LIMS Workorder: 240040437
Technician(s): JC, TC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Baldwin- 2Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
XPW01	4/18/2024	8:32	9.7	14.7	58.5	6.87	739.4	1.06	9.48	-97.9
XPW01	4/18/2024	8:35	9.7	14.8	58.6	6.88	736.3	0.92	12.15	-105.6
XPW01	4/18/2024	8:38	9.7	14.8	58.6	6.88	733.7	0.88	10.63	-108.6
XPW01	4/18/2024	8:41	9.7	14.9	58.8	6.88	733.7	0.82	6.64	-110.2

Site Samping Event: Baldwin- 2Q24
LIMS Workorder: 240040437
Technician(s): JC, TC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Baldwin- 2Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
XPW05	4/18/2024	9:11	4.56	17.7	63.9	6.96	881.1	1.85	20.27	-97.4
XPW05	4/18/2024	9:14	4.56	17.7	63.9	6.99	871.8	1.66	17.69	-100.4
XPW05	4/18/2024	9:17	4.56	17.6	63.7	7.01	864.2	1.53	14.93	-97.3
XPW05	4/18/2024	9:20	4.56	17.6	63.7	7.03	859.0	1.40	13.36	-100.9

Site Samping Event: Baldwin- 2Q24
LIMS Workorder: 240040437
Technician(s): JC, TC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Baldwin- 2Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
XPW06	4/18/2024	9:38	2.24	14.2	57.6	7.19	738.9	1.12	15.01	-116.5
XPW06	4/18/2024	9:41	2.24	14.1	57.4	7.19	670.8	0.85	4.19	-107.3
XPW06	4/18/2024	9:44	2.24	14.1	57.4	7.17	670.9	0.78	2.65	-102.2
XPW06	4/18/2024	9:47	2.24	14.2	57.6	7.16	672.9	0.76	1.79	-99.3

Site Samping Event: Baldwin- 2Q24
LIMS Workorder: 240040437
Technician(s): JC, TC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Baldwin- 2Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
Field Blank	4/18/2024	11:45	QA/QC Sample							

Site Samping Event: Baldwin- 2Q24
LIMS Workorder: 240040437
Technician(s): JC, TC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Baldwin- 2Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-304 Duplicate	4/16/2024	11:12	9.21	16.7	62.1	7.82	2,487.0	0.52	3.87	8.4
MW-304 Duplicate	4/16/2024	11:15	9.21	16.7	62.1	7.82	2,486.2	0.34	6.03	18.9
MW-304 Duplicate	4/16/2024	11:18	9.21	16.8	62.2	7.82	2,478.2	0.28	2.15	26.4
MW-304 Duplicate	4/16/2024	11:21	9.21	16.8	62.2	7.82	2,478.5	0.25	4.14	32.1
MW-304 Duplicate	4/16/2024	11:24	9.21	17.2	63.0	7.81	2,473.9	0.23	7.29	36.4
MW-304 Duplicate	4/16/2024	11:27	9.21	17.3	63.1	7.81	2,470.1	0.22	4.75	40.3
MW-304 Duplicate	4/16/2024	11:30	9.21	17.3	63.1	7.81	2,465.0	0.21	7.09	43.8

Site Samping Event: Baldwin- 2Q24
LIMS Workorder: 240040437
Technician(s): JC, TC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Baldwin- 2Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
Equipment Blank 1	4/18/2024	15:20	QA/QC Sample							

Site Samping Event: Baldwin- 2Q24
LIMS Workorder: 240040437
Technician(s): JC, TC, BG, PY

Field Calibration Log(s)
Baldwin- 2Q 2024

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 26599 Technician(s): justin colp Date: 4/16/2024

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	wc230830b	3.98	4/16/24 9:58
7.0 Buffer	wc240307f	7.00	4/16/24 9:52
10.0 Buffer	wc231027d	9.96	4/16/24 10:01
LCS/CCV (7.0 Buffer)			

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	95009	1412	4/16/24 10:04

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	0.09	4/16/24 10:04
124 NTU	95834		

ORP Standard	LIMS ID/Lot#	Reading	Date/Time

D.O. Saturation	LIMS ID/Lot#	Reading	Date/Time
100%	N/A		

Sample ID	Sample Type	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	ORP mV	D.O. %
LCS-1	LCS	4/16/24 10:04	16.9	7.00	1,414	0.04		
CCV-1	CCV	4/16/24 14:48	20.1	7.04	1,446	0.06		

Comments:

Field Meter ID: Pine 26599 Technician(s): justin colp Date: 4/17/2024

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	wc230830b	3.99	4/17/24 9:14
7.0 Buffer	wc240307f	7.00	4/17/24 9:08
10.0 Buffer	wc231027d	9.97	4/17/24 9:16
LCS/CCV (7.0 Buffer)			

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	95009	1413	4/17/24 9:19

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	0.08	4/17/24 9:20
124 NTU	95834		

ORP Standard	LIMS ID/Lot#	Reading	Date/Time

D.O. Saturation	LIMS ID/Lot#	Reading	Date/Time
100%	N/A		

Sample ID	Sample Type	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	ORP mV	D.O. %
LCS-2	LCS	4/17/24 9:22	19.2	7.01	1,413	0.08		
CCV-M-2	CCV	4/17/24 11:55	20.7	7.04	1,423	0.1		
CCV-2	CCV	4/17/24 15:03	22.1	7.05	1,427	0.1		

Comments:

Site Samping Event: Baldwin- 2Q24
LIMS Workorder: 240040437
Technician(s): JC, TC, BG, PY

Field Calibration Log(s)
Baldwin- 2Q 2024

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 26599 Technician(s): justin colp Date: 4/18/2024

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	wc230830b	4.00	4/18/24 8:04
7.0 Buffer	wc240307f	7.01	4/18/24 7:59
10.0 Buffer	wc231027d	10.01	4/18/24 8:09
LCS/CCV (7.0 Buffer)			

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	95009	1413	4/18/24 8:12

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	0.45	4/18/24 8:13
124 NTU	95834		

ORP Standard	LIMS ID/Lot#	Reading	Date/Time

D.O. Saturation	LIMS ID/Lot#	Reading	Date/Time
100%	N/A		

Sample ID	Sample Type	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	ORP mV	D.O. %
LCS-3	LCS	4/18/24 8:16	18.3	7.01	1,413	0.45		
CCV-3	CCV	4/18/24 11:48	21.1	7.04	1,425	0.49		

Comments:

Field Meter ID: Technician(s): Date:

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer			
7.0 Buffer			
10.0 Buffer			
LCS/CCV (7.0 Buffer)			

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.			

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-4	LCS							
CCV-M-4	CCV							
CCV-4	CCV							

Comments:

Site Samping Event: Baldwin- 2Q24
LIMS Workorder: 240040437
Technician(s): JC, TC, BG, PY

Field Calibration Log(s)
Baldwin- 2Q 2024

Field Temp SOP 1156 - SM 2550 B
Field pH SOP 1152 - SW-846 9040B - SM 4500-H B
Field Cond. SOP 1155 - SW-846 9050A - SM 2510 B

Field Meter ID: Pine 218083 Technician(s): Tracy Carroll/ Payton Yoch Date: 4/16/2024

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	WC230830B	4.00	4/16/24 10:33
7.0 Buffer	WC240307F	7.00	4/16/24 10:28
10.0 Buffer	WC230619B	10.00	4/16/24 10:35
LCS/CCV (7.0 Buffer)	WC231207A		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	95009	1412	4/16/24 10:39

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1		
124 NTU	95834		

ORP Standard	LIMS ID/Lot#	Reading	Date/Time

D.O. Saturation	LIMS ID/Lot#	Reading	Date/Time
100%	N/A		

Sample ID	Sample Type	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	ORP mV	D.O. %
LCS-1	LCS	4/16/24 10:42	21.8	7.07	1,412	1.46		
CCV-1	CCV	4/16/24 14:46	26.5	7.10	1,410	1.43		

Comments:

Field Meter ID: Pine 218083 Technician(s): Tracy Carroll/ Payton Yoch Date: 4/17/2024

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	WC230830B	4.00	4/17/24 9:56
7.0 Buffer	WC240307F	7.02	4/17/24 9:56
10.0 Buffer	WC230619B	10.00	4/17/24 9:57
LCS/CCV (7.0 Buffer)	WC231207A		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	95009	1412	4/17/24 10:02

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1		
124 NTU	95834		

ORP Standard	LIMS ID/Lot#	Reading	Date/Time

D.O. Saturation	LIMS ID/Lot#	Reading	Date/Time
100%	N/A		

Sample ID	Sample Type	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	ORP mV	D.O. %
LCS-2	LCS	4/17/24 10:06	20.8	7.06	1,409	0.46		
CCV-2	CCV	4/17/24 15:39	25.3	7.00	1,425	1.66		

Comments:

Site Samping Event: Baldwin- 2Q24
LIMS Workorder: 240040437
Technician(s): JC, TC, BG, PY

Field Calibration Log(s)
Baldwin- 2Q 2024

Field Temp SOP 1156 - SM 2550 B
Field pH SOP 1152 - SW-846 9040B - SM 4500-H B
Field Cond. SOP 1155 - SW-846 9050A - SM 2510 B

Field Meter ID: Pine 218083 Technician(s): Tracy Carroll/ Payton Yoch Date: 4/18/2024

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	WC230830B	3.96	4/18/24 9:22
7.0 Buffer	WC240307F	7.01	4/18/24 9:23
10.0 Buffer	WC230619B	9.95	4/18/24 9:25
LCS/CCV (7.0 Buffer)	WC231207A		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	95009	1413	4/18/24 9:25

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	LCS	4/18/24 9:29	18.9	7.04	1,367	0.67		
CCV-M-3	CCV	4/18/24 11:56	20.6	7.04	1,411	0.5		
CCV-3	CCV	4/18/24 14:04	23.7	7.05	1,432	0.45		

Comments:

Field Meter ID: Technician(s): Date:

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer			
7.0 Buffer			
10.0 Buffer			
LCS/CCV (7.0 Buffer)			

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.			

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-4	LCS							
CCV-M-4	CCV							
CCV-4	CCV							

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 26599
Description YSI ProDSS
Calibrated 3/25/2024 12:25:29PM

Group # 5
Group Name Disolved Oxygen Span
Stated Accy Pct of Reading
Range Acc % 0.0000
Reading Acc % 3.0000
Plus/Minus 0.0

Nom In Val / In Val	In Type	Out Val	Out Type	Fnd As	Lft As	Dev%	Pass/Fail
100.0 / 100.0	%	100.0	%	96.9	99.3	-0.70%	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#23E24002133	STL 126 NTU L#23E24002133	YSI	126 NTU	23E24002133		5/20/2024
STL 1413 COND L#4GB0749	STL 1413 COND L#4GB0749	AquaPhoenix Scientific	31986	4GB0749		2/25/2025
STL AUTOCAL L#24009059	Auto Cal Solution 0 NTU/PH 4	GFS	8483	24009059		3/20/2025
STL ORP SOLUTION 240MV L#3GJ0994	STL ORP SOLUTION 240MV L#3GJ0994	AquaPhoenix Scientific	ORP Solution	3GJ0994		7/25/2024
STL PH10 #3GK0004	STL PH10 #3GK0004	AquaPhoenix Scientific	PH 10	3GK0004		11/25/2025
STL PH4 L#3GH0675	STL pH4 L#3GH0675	AquaPhoenix Scientific	pH 4	3GH0675		8/25/2025
STL PH7 L#3GK1332	STL PH7 L#3GK1332	AquaPhoenix Scientific	PH7	3GK1332		11/25/2025

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 26599
Description YSI ProDSS
Calibrated 3/25/2024 12:25:29PM

Manufacturer YSI
Model Number ProDSS
Serial Number/ Lot Number 15H101893
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	7.25	7.02	0.29%	Pass
4.00 / 4.00	PH	4.00	PH	4.31	4.00	0.00%	Pass
10.00 / 10.00	PH	10.00	PH	10.15	10.05	0.50%	Pass

Group # 2
Group Name Turbidity
Stated Accy Pct of Reading
Range Acc % 0.0000
Reading Acc % 3.0000
Plus/Minus 0.00

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	0.36	0.00	0.00%	Pass
124.00 / 124.00	NTU	124.00	NTU	118.31	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	1.469	1.413	0.00%	Pass

Group # 4
Group Name Redox (ORP)
Stated Accy Pct of Reading
Range Acc % 0.0000
Reading Acc % 3.0000
Plus/Minus 0.0

Nom In Val / In Val	In Type	Out Val	Out Type	Fnd As	Lft As	Dev%	Pass/Fail
240.0 / 240.0	mv	240.0	mv	224.4	240.0	0.00%	Pass

Group # 5
Group Name Disolved Oxygen Span
Stated Accy Pct of Reading
Range Acc % 0.0000
Reading Acc % 3.0000
Plus/Minus 0.0

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 218083
Description YSI Pro DSS Sonde
Calibrated 3/27/2024 5:59:58PM

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	%	97.30	100.00	0.00%	Pass

Test Instruments Used During the Calibration (As Of Cal Entry Date)

Test Standard ID	Description	Manufacturer	Model Number	Serial Number / Lot Number	Last Cal Date/ Opened Date	Next Cal Date / Expiration Date
STL 126 NTU L#23E24002133	STL 126 NTU L#23E24002133	YSI	126 NTU	23E24002133		5/20/2024
STL 1413 COND L#4GB0749	STL 1413 COND L#4GB0749	AquaPhoenix Scientific	31986	4GB0749		2/25/2025
STL AUTOCAL L#24009059	Auto Cal Solution 0 NTU/PH 4	GFS	8483	24009059		3/20/2025
STL ORP SOLUTION 240MV L#3GJ0994	STL ORP SOLUTION 240MV L#3GJ0994	AquaPhoenix Scientific	ORP Solution	3GJ0994		7/25/2024
STL PH10 #3GK0004	STL PH10 #3GK0004	AquaPhoenix Scientific	PH 10	3GK0004		11/25/2025
STL PH4 L#3GH0675	STL pH4 L#3GH0675	AquaPhoenix Scientific	pH 4	3GH0675		8/25/2025
STL PH7 L#3GK1332	STL PH7 L#3GK1332	AquaPhoenix Scientific	PH7	3GK1332		11/25/2025

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 218083
Description YSI Pro DSS Sonde
Calibrated 3/27/2024 5:59:58PM

Manufacturer YSI
Model Number Pro DSS
Serial Number/ Lot Number 23F102674
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	7.30	7.02	0.29%	Pass
4.00 / 4.00	PH	4.00	PH	4.31	4.00	0.00%	Pass
10.00 / 10.00	PH	10.00	PH	10.24	10.05	0.50%	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	FNU	0.00	FNU	0.59	0.00	0.00%	Pass
124.00 / 124.00	FNU	124.00	FNU	118.44	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	1.474	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	228.50	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

Teklab, Inc.
Environmental Laboratory

http://www.teklabinc.com/

August 12, 2024

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

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

RE: BAL-24Q3 **WorkOrder:** 24061962

Dear Eric Bauer:

TEKLAB, INC received 20 samples for BAL_257_605 on 7/23/2024 1:24:00 PM for the analysis presented in the following report.

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

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

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

Sincerely,

Elizabeth A. Hurley

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

Report Contents

Client: Ramboll
Work Order: 24061962
Client Project: BAL-24Q3
Report Date: 12-Aug-24

This reporting package includes the following:

Cover Letter	1
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Laboratory Results	7
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Chain of Custody	Appended

Definitions

Client: Ramboll **Work Order:** 24061962

Client Project: BAL-24Q3 **Report Date:** 12-Aug-24

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

Definitions

Client: Ramboll **Work Order:** 24061962

Client Project: BAL-24Q3 **Report Date:** 12-Aug-24

Qualifiers

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

Teklab, Inc. Environmental Laboratory

Case Narrative

Client: Ramboll
Client Project: BAL-24Q3

Work Order: 24061962
Report Date: 12-Aug-24

Cooler Receipt Temp: 19.9 °C

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

Equipment Blank 2 was not needed.

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

Per Eric Bauer's request, only BAL_257_605 data is included in this report.

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
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Accreditations

Client: Ramboll **Work Order:** 24061962

Client Project: BAL-24Q3 **Report Date:** 12-Aug-24

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

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24061962

Client Project: BAL-24Q3 **Report Date:** 12-Aug-24

Lab ID: 24061962-003 **Client Sample ID:** MW-150

Matrix: GROUNDWATER **Collection Date:** 07/18/2024 12:57

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**16.50**	ft	1	07/18/2024 12:57	R350621
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**3.8**	NTU	1	07/18/2024 12:57	R350621
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		**-61**	mV	1	07/18/2024 12:57	R350621
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**2060**	µS/cm	1	07/18/2024 12:57	R350621
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**16.0**	°C	1	07/18/2024 12:57	R350621
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**0.49**	mg/L	1	07/18/2024 12:57	R350621
SW-846 9040B FIELD									
pH	*	0	1.00		**7.28**		1	07/18/2024 12:57	R350621
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**317**	mg/L	1	07/19/2024 10:15	R350481
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	07/19/2024 10:15	R350481
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		**1670**	mg/L	1	07/23/2024 8:05	R350690
SW-846 9036 (TOTAL)									
Sulfate	NELAP	307	500		**908**	mg/L	50	07/22/2024 22:38	R350574
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**0.68**	mg/L	1	07/19/2024 12:03	R350479
SW-846 9251 (TOTAL)									
Chloride	NELAP	2	20		**56**	mg/L	5	07/22/2024 22:32	R350587
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		**210**	mg/L	1	07/22/2024 19:22	225932
Magnesium	NELAP	0.0055	0.0500		**147**	mg/L	1	07/22/2024 19:22	225932
Potassium	NELAP	0.0400	0.100		**0.990**	mg/L	1	07/22/2024 19:22	225932
Sodium	NELAP	0.0180	0.0500		**101**	mg/L	1	07/22/2024 19:22	225932
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		**< 0.0010**	mg/L	5	07/22/2024 23:06	225932
Arsenic	NELAP	0.0004	0.0010		**< 0.0010**	mg/L	5	07/22/2024 23:06	225932
Barium	NELAP	0.0007	0.0010		**0.0152**	mg/L	5	07/22/2024 23:06	225932
Beryllium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	07/22/2024 23:06	225932
Boron	NELAP	0.0092	0.0250		**3.49**	mg/L	5	07/22/2024 23:06	225932
Cadmium	*	0.0002	0.0010		**< 0.0010**	mg/L	5	07/22/2024 23:06	225932
Chromium	NELAP	0.0007	0.0015		**< 0.0015**	mg/L	5	07/22/2024 23:06	225932
Cobalt	NELAP	0.0001	0.0010		**< 0.0010**	mg/L	5	07/23/2024 12:02	225932
Lead	NELAP	0.0006	0.0010		**0.0013**	mg/L	5	07/22/2024 23:06	225932
Lithium	*	0.0015	0.0030		**0.0511**	mg/L	5	07/23/2024 12:02	225932
Molybdenum	NELAP	0.0006	0.0015	J	**0.0006**	mg/L	5	07/22/2024 23:06	225932
Selenium	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	07/22/2024 23:06	225932
Thallium	NELAP	0.0010	0.0020		**< 0.0020**	mg/L	5	07/23/2024 12:02	225932

Laboratory Results

http://www.teklabinc.com/

Client: Ramboll **Work Order:** 24061962

Client Project: BAL-24Q3 **Report Date:** 12-Aug-24

Lab ID: 24061962-003 **Client Sample ID:** MW-150

Matrix: GROUNDWATER **Collection Date:** 07/18/2024 12:57

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		**< 0.00020**	mg/L	1	07/22/2024 13:54	225937

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24061962

Client Project: BAL-24Q3 **Report Date:** 12-Aug-24

Lab ID: 24061962-004 **Client Sample ID:** MW-151

Matrix: GROUNDWATER **Collection Date:** 07/18/2024 13:32

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**7.11**	ft	1	07/18/2024 13:32	R350621
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**6.0**	NTU	1	07/18/2024 13:32	R350621
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		**4**	mV	1	07/18/2024 13:32	R350621
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**1030**	µS/cm	1	07/18/2024 13:32	R350621
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**15.9**	°C	1	07/18/2024 13:32	R350621
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**1.00**	mg/L	1	07/18/2024 13:32	R350621
SW-846 9040B FIELD									
pH	*	0	1.00		**7.01**		1	07/18/2024 13:32	R350621
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**441**	mg/L	1	07/19/2024 10:28	R350481
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	07/19/2024 10:28	R350481
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		**606**	mg/L	1	07/23/2024 8:05	R350690
SW-846 9036 (TOTAL)									
Sulfate	NELAP	31	50		**93**	mg/L	5	07/22/2024 22:45	R350574
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**0.57**	mg/L	1	07/19/2024 12:05	R350479
SW-846 9251 (TOTAL)									
Chloride	NELAP	1	4		**41**	mg/L	1	07/22/2024 22:40	R350587
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		**120**	mg/L	1	07/22/2024 19:24	225932
Magnesium	NELAP	0.0055	0.0500		**45.6**	mg/L	1	07/22/2024 19:24	225932
Potassium	NELAP	0.0400	0.100		**1.70**	mg/L	1	07/22/2024 19:24	225932
Sodium	NELAP	0.0180	0.0500		**60.2**	mg/L	1	07/22/2024 19:24	225932
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		**0.0017**	mg/L	5	07/22/2024 23:52	225932
Arsenic	NELAP	0.0004	0.0010		**< 0.0010**	mg/L	5	07/22/2024 23:52	225932
Barium	NELAP	0.0007	0.0010		**0.0569**	mg/L	5	07/22/2024 23:52	225932
Beryllium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	07/22/2024 23:52	225932
Boron	NELAP	0.0092	0.0250		**0.620**	mg/L	5	07/22/2024 23:52	225932
Cadmium	*	0.0002	0.0010		**< 0.0010**	mg/L	5	07/22/2024 23:52	225932
Chromium	NELAP	0.0007	0.0015		**0.0018**	mg/L	5	07/23/2024 12:08	225932
Cobalt	NELAP	0.0001	0.0010		**0.0013**	mg/L	5	07/24/2024 15:18	225932
Lead	NELAP	0.0006	0.0010	J	**0.0009**	mg/L	5	07/22/2024 23:52	225932
Lithium	*	0.0015	0.0030		**0.0296**	mg/L	5	07/23/2024 12:08	225932
Molybdenum	NELAP	0.0006	0.0015	J	**0.0008**	mg/L	5	07/22/2024 23:52	225932
Selenium	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	07/22/2024 23:52	225932
Thallium	NELAP	0.0010	0.0020		**< 0.0020**	mg/L	5	07/23/2024 12:08	225932

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24061962

Client Project: BAL-24Q3 **Report Date:** 12-Aug-24

Lab ID: 24061962-004 **Client Sample ID:** MW-151

Matrix: GROUNDWATER **Collection Date:** 07/18/2024 13:32

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		**< 0.00020**	mg/L	1	07/22/2024 13:56	225937

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24061962

Client Project: BAL-24Q3 **Report Date:** 12-Aug-24

Lab ID: 24061962-005 **Client Sample ID:** MW-152

Matrix: GROUNDWATER **Collection Date:** 07/18/2024 10:44

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**6.37**	ft	1	07/18/2024 10:44	R350621
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**7.0**	NTU	1	07/18/2024 10:44	R350621
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		**87**	mV	1	07/18/2024 10:44	R350621
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**1260**	µS/cm	1	07/18/2024 10:44	R350621
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**16.2**	°C	1	07/18/2024 10:44	R350621
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**1.29**	mg/L	1	07/18/2024 10:44	R350621
SW-846 9040B FIELD									
pH	*	0	1.00		**7.07**		1	07/18/2024 10:44	R350621
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**412**	mg/L	1	07/19/2024 10:34	R350481
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	07/19/2024 10:34	R350481
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		**920**	mg/L	1	07/23/2024 8:05	R350690
SW-846 9036 (TOTAL)									
Sulfate	NELAP	123	200		**340**	mg/L	20	07/22/2024 23:07	R350574
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**0.31**	mg/L	1	07/19/2024 12:06	R350479
SW-846 9251 (TOTAL)									
Chloride	NELAP	1	4		**11**	mg/L	1	07/22/2024 22:48	R350587
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		**129**	mg/L	1	07/23/2024 13:23	225932
Magnesium	NELAP	0.0055	0.0500		**59.5**	mg/L	1	07/23/2024 13:23	225932
Potassium	NELAP	0.0400	0.100		**0.852**	mg/L	1	07/23/2024 13:23	225932
Sodium	NELAP	0.0180	0.0500		**124**	mg/L	1	07/23/2024 13:23	225932
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010	J	**0.0008**	mg/L	5	07/22/2024 23:58	225932
Arsenic	NELAP	0.0004	0.0010		**< 0.0010**	mg/L	5	07/22/2024 23:58	225932
Barium	NELAP	0.0007	0.0010		**0.0146**	mg/L	5	07/22/2024 23:58	225932
Beryllium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	07/22/2024 23:58	225932
Boron	NELAP	0.0092	0.0250		**0.608**	mg/L	5	07/22/2024 23:58	225932
Cadmium	*	0.0002	0.0010		**< 0.0010**	mg/L	5	07/22/2024 23:58	225932
Chromium	NELAP	0.0007	0.0015	J	**0.0011**	mg/L	5	07/22/2024 23:58	225932
Cobalt	NELAP	0.0001	0.0010	J	**0.0002**	mg/L	5	07/23/2024 12:54	225932
Lead	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	07/22/2024 23:58	225932
Lithium	*	0.0015	0.0030		**0.0110**	mg/L	5	07/23/2024 12:54	225932
Molybdenum	NELAP	0.0006	0.0015		**< 0.0015**	mg/L	5	07/22/2024 23:58	225932
Selenium	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	07/22/2024 23:58	225932
Thallium	NELAP	0.0010	0.0020		**< 0.0020**	mg/L	5	07/23/2024 12:54	225932

Laboratory Results

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

Client: Ramboll **Work Order:** 24061962

Client Project: BAL-24Q3 **Report Date:** 12-Aug-24

Lab ID: 24061962-005 **Client Sample ID:** MW-152

Matrix: GROUNDWATER **Collection Date:** 07/18/2024 10:44

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		**< 0.00020**	mg/L	1	07/22/2024 13:59	225937

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24061962

Client Project: BAL-24Q3 **Report Date:** 12-Aug-24

Lab ID: 24061962-006 **Client Sample ID:** MW-153

Matrix: GROUNDWATER **Collection Date:** 07/18/2024 8:36

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**10.98**	ft	1	07/18/2024 8:36	R350621
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**110**	NTU	1	07/18/2024 8:36	R350621
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		**-42**	mV	1	07/18/2024 8:36	R350621
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**635**	µS/cm	1	07/18/2024 8:36	R350621
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**15.6**	°C	1	07/18/2024 8:36	R350621
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**1.10**	mg/L	1	07/18/2024 8:36	R350621
SW-846 9040B FIELD									
pH	*	0	1.00		**7.26**		1	07/18/2024 8:36	R350621
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**203**	mg/L	1	07/19/2024 10:42	R350481
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	07/19/2024 10:42	R350481
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		**444**	mg/L	1	07/23/2024 8:31	R350690
SW-846 9036 (TOTAL)									
Sulfate	NELAP	31	50		**84**	mg/L	5	07/22/2024 23:16	R350574
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**0.42**	mg/L	1	07/19/2024 12:08	R350479
SW-846 9251 (TOTAL)									
Chloride	NELAP	1	4		**20**	mg/L	1	07/22/2024 23:10	R350587
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		**52.1**	mg/L	1	08/01/2024 12:22	225932
Magnesium	NELAP	0.0055	0.0500		**22.0**	mg/L	1	08/01/2024 12:22	225932
Potassium	NELAP	0.0400	0.100		**0.630**	mg/L	1	08/01/2024 12:22	225932
Sodium	NELAP	0.0180	0.0500		**56.2**	mg/L	1	08/01/2024 12:22	225932
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010	J	**0.0007**	mg/L	5	07/23/2024 0:04	225932
Arsenic	NELAP	0.0004	0.0010	J	**0.0009**	mg/L	5	07/23/2024 0:04	225932
Barium	NELAP	0.0007	0.0010		**0.0512**	mg/L	5	07/23/2024 0:04	225932
Beryllium	NELAP	0.0002	0.0010	J	**0.0003**	mg/L	5	07/23/2024 0:04	225932
Boron	NELAP	0.0092	0.025	J	**0.013**	mg/L	5	07/23/2024 0:04	225932
Cadmium	*	0.0002	0.0010		**< 0.0010**	mg/L	5	07/23/2024 0:04	225932
Chromium	NELAP	0.0007	0.0015		**0.0037**	mg/L	5	07/23/2024 13:00	225932
Cobalt	NELAP	0.0001	0.0010	J	**0.0010**	mg/L	5	07/24/2024 15:24	225932
Lead	NELAP	0.0006	0.0010		**0.0017**	mg/L	5	07/23/2024 0:04	225932
Lithium	*	0.0015	0.0030		**0.0066**	mg/L	5	07/23/2024 13:00	225932
Molybdenum	NELAP	0.0006	0.0015		**< 0.0015**	mg/L	5	07/23/2024 0:04	225932
Selenium	NELAP	0.0006	0.0010		**0.0021**	mg/L	5	07/23/2024 0:04	225932
Thallium	NELAP	0.0010	0.0020		**< 0.0020**	mg/L	5	07/23/2024 13:00	225932

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24061962

Client Project: BAL-24Q3 **Report Date:** 12-Aug-24

Lab ID: 24061962-006 **Client Sample ID:** MW-153

Matrix: GROUNDWATER **Collection Date:** 07/18/2024 8:36

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020	J	**0.00006**	mg/L	1	07/22/2024 14:01	225937

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24061962

Client Project: BAL-24Q3 **Report Date:** 12-Aug-24

Lab ID: 24061962-014 **Client Sample ID:** MW-252

Matrix: GROUNDWATER **Collection Date:** 07/18/2024 11:18

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**3.23**	ft	1	07/18/2024 11:18	R350621
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**33**	NTU	1	07/18/2024 11:18	R350621
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		**-61**	mV	1	07/18/2024 11:18	R350621
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**1580**	µS/cm	1	07/18/2024 11:18	R350621
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**18.5**	°C	1	07/18/2024 11:18	R350621
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**2.34**	mg/L	1	07/18/2024 11:18	R350621
SW-846 9040B FIELD									
pH	*	0	1.00		**6.91**		1	07/18/2024 11:18	R350621
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**486**	mg/L	1	07/19/2024 10:47	R350481
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	07/19/2024 10:47	R350481
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		**1220**	mg/L	1	07/23/2024 8:32	R350690
SW-846 9036 (TOTAL)									
Sulfate	NELAP	123	200		**487**	mg/L	20	07/22/2024 20:53	R350574
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**0.23**	mg/L	1	07/19/2024 12:10	R350479
SW-846 9251 (TOTAL)									
Chloride	NELAP	1	4		**37**	mg/L	1	07/22/2024 20:48	R350587
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		**211**	mg/L	1	07/22/2024 19:28	225932
Magnesium	NELAP	0.0055	0.0500		**82.8**	mg/L	1	07/22/2024 19:28	225932
Potassium	NELAP	0.0400	0.100		**1.65**	mg/L	1	07/22/2024 19:28	225932
Sodium	NELAP	0.0180	0.0500		**95.9**	mg/L	1	07/22/2024 19:28	225932
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010	J	**0.0005**	mg/L	5	07/23/2024 0:10	225932
Arsenic	NELAP	0.0004	0.0010	J	**0.0006**	mg/L	5	07/23/2024 0:10	225932
Barium	NELAP	0.0007	0.0010		**0.0252**	mg/L	5	07/23/2024 0:10	225932
Beryllium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	07/23/2024 0:10	225932
Boron	NELAP	0.0092	0.0250		**0.135**	mg/L	5	07/23/2024 0:10	225932
Cadmium	*	0.0002	0.0010		**< 0.0010**	mg/L	5	07/23/2024 0:10	225932
Chromium	NELAP	0.0007	0.0015		**< 0.0015**	mg/L	5	07/23/2024 0:10	225932
Cobalt	NELAP	0.0001	0.0010		**0.0037**	mg/L	5	07/24/2024 15:30	225932
Lead	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	07/23/2024 0:10	225932
Lithium	*	0.0015	0.0030		**0.0151**	mg/L	5	07/23/2024 13:05	225932
Molybdenum	NELAP	0.0006	0.0015		**< 0.0015**	mg/L	5	07/23/2024 0:10	225932
Selenium	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	07/23/2024 0:10	225932
Thallium	NELAP	0.0010	0.0020		**< 0.0020**	mg/L	5	07/23/2024 13:05	225932

Laboratory Results

http://www.teklabinc.com/

Client: Ramboll **Work Order:** 24061962

Client Project: BAL-24Q3 **Report Date:** 12-Aug-24

Lab ID: 24061962-014 **Client Sample ID:** MW-252

Matrix: GROUNDWATER **Collection Date:** 07/18/2024 11:18

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		**< 0.00020**	mg/L	1	07/22/2024 14:03	225937

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24061962

Client Project: BAL-24Q3 **Report Date:** 12-Aug-24

Lab ID: 24061962-015 **Client Sample ID:** MW-253R

Matrix: GROUNDWATER **Collection Date:** 07/18/2024 9:24

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**18.20**	ft	1	07/18/2024 9:24	R350621
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**4.9**	NTU	1	07/18/2024 9:24	R350621
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		**-78**	mV	1	07/18/2024 9:24	R350621
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**1650**	µS/cm	1	07/18/2024 9:24	R350621
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**15.8**	°C	1	07/18/2024 9:24	R350621
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**0.47**	mg/L	1	07/18/2024 9:24	R350621
SW-846 9040B FIELD									
pH	*	0	1.00		**7.08**		1	07/18/2024 9:24	R350621
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**442**	mg/L	1	07/19/2024 10:54	R350481
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	07/19/2024 10:54	R350481
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		**1250**	mg/L	1	07/23/2024 8:32	R350690
SW-846 9036 (TOTAL)									
Sulfate	NELAP	123	200		**549**	mg/L	20	07/24/2024 23:19	R350671
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**0.46**	mg/L	1	07/19/2024 12:20	R350479
SW-846 9251 (TOTAL)									
Chloride	NELAP	1	4		**23**	mg/L	1	07/22/2024 20:57	R350587
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100	S	**170**	mg/L	1	07/25/2024 10:52	226068
Magnesium	NELAP	0.0055	0.0500		**67.6**	mg/L	1	07/25/2024 10:52	226068
Potassium	NELAP	0.0400	0.100		**5.30**	mg/L	1	07/25/2024 10:52	226068
Sodium	NELAP	0.0180	0.0500	S	**87.6**	mg/L	1	07/25/2024 10:52	226068
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	BJ	**0.0007**	mg/L	5	07/25/2024 21:01	226068
Arsenic	NELAP	0.0004	0.0010		**0.0012**	mg/L	5	07/25/2024 21:01	226068
Barium	NELAP	0.0007	0.0010		**0.111**	mg/L	5	07/25/2024 21:01	226068
Beryllium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	07/25/2024 21:01	226068
Boron	NELAP	0.0092	0.0250		**0.182**	mg/L	5	07/26/2024 13:53	226068
Cadmium	*	0.0002	0.0010		**< 0.0010**	mg/L	5	07/25/2024 21:01	226068
Chromium	NELAP	0.0007	0.0015		**< 0.0015**	mg/L	5	07/25/2024 21:01	226068
Cobalt	NELAP	0.0001	0.0010		**< 0.0010**	mg/L	5	07/25/2024 21:01	226068
Lead	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	07/25/2024 21:01	226068
Lithium	*	0.0015	0.0030		**0.0142**	mg/L	5	07/29/2024 14:39	226068
Molybdenum	NELAP	0.0006	0.0015		**0.0041**	mg/L	5	07/25/2024 21:01	226068
Selenium	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	07/25/2024 21:01	226068
Thallium	NELAP	0.0010	0.0020		**< 0.0020**	mg/L	5	07/25/2024 21:01	226068

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24061962

Client Project: BAL-24Q3 **Report Date:** 12-Aug-24

Lab ID: 24061962-015 **Client Sample ID:** MW-253R

Matrix: GROUNDWATER **Collection Date:** 07/18/2024 9:24

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
LCS recovered outside upper control limits for Sb. Sample results are below the reporting limit. Data is reportable per the TNI Standard.									
Contamination present in the MBLK for Sb. Sample results below the reporting limit are reportable per the TNI Standard.									
CCV recovered outside the upper control limits for Tl. Sample results are below the reporting limit. Data is reportable per the TNI standard.									
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		**< 0.00020**	mg/L	1	07/22/2024 14:05	225937

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24061962

Client Project: BAL-24Q3 **Report Date:** 12-Aug-24

Lab ID: 24061962-016 **Client Sample ID:** MW-304

Matrix: GROUNDWATER **Collection Date:** 07/17/2024 10:20

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**9.01**	ft	1	07/17/2024 10:20	R350621
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**14**	NTU	1	07/17/2024 10:20	R350621
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		**-22**	mV	1	07/17/2024 10:20	R350621
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**2240**	µS/cm	1	07/17/2024 10:20	R350621
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**18.6**	°C	1	07/17/2024 10:20	R350621
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**0.39**	mg/L	1	07/17/2024 10:20	R350621
SW-846 9040B FIELD									
pH	*	0	1.00		**7.70**		1	07/17/2024 10:20	R350621
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**811**	mg/L	1	07/18/2024 12:46	R350412
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	07/18/2024 12:46	R350412
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		**1520**	mg/L	1	07/19/2024 10:12	R350547
SW-846 9036 (TOTAL)									
Sulfate	NELAP	61	100		**201**	mg/L	10	07/26/2024 17:20	R350878
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**1.69**	mg/L	1	07/18/2024 10:56	R350406
SW-846 9251 (TOTAL)									
Chloride	NELAP	2	20		**169**	mg/L	5	07/26/2024 16:53	R350886
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		**9.99**	mg/L	1	07/19/2024 10:24	225880
Magnesium	NELAP	0.0055	0.0500		**4.00**	mg/L	1	07/19/2024 10:24	225880
Potassium	NELAP	0.0400	0.100		**2.12**	mg/L	1	07/19/2024 10:24	225880
Sodium	NELAP	0.360	1.00		**515**	mg/L	20	07/24/2024 18:21	225880
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010	B	**< 0.0010**	mg/L	5	07/19/2024 15:12	225880
Arsenic	NELAP	0.0004	0.0010		**0.0025**	mg/L	5	07/19/2024 15:12	225880
Barium	NELAP	0.0007	0.0010		**0.0175**	mg/L	5	07/22/2024 12:35	225880
Beryllium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	07/19/2024 15:12	225880
Boron	NELAP	0.0092	0.0250		**1.47**	mg/L	5	07/19/2024 15:12	225880
Cadmium	*	0.0002	0.0010		**< 0.0010**	mg/L	5	07/19/2024 15:12	225880
Chromium	NELAP	0.0007	0.0015		**< 0.0015**	mg/L	5	07/19/2024 15:12	225880
Cobalt	NELAP	0.0001	0.0010		**< 0.0010**	mg/L	5	07/19/2024 15:12	225880
Lead	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	07/19/2024 15:12	225880
Lithium	*	0.0015	0.0030		**0.0750**	mg/L	5	07/19/2024 15:12	225880
Molybdenum	NELAP	0.0006	0.0015	J	**0.0007**	mg/L	5	07/19/2024 15:12	225880
Selenium	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	07/19/2024 15:12	225880
Thallium	NELAP	0.0010	0.0020		**< 0.0020**	mg/L	5	07/19/2024 15:12	225880

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

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24061962

Client Project: BAL-24Q3 **Report Date:** 12-Aug-24

Lab ID: 24061962-016 **Client Sample ID:** MW-304

Matrix: GROUNDWATER **Collection Date:** 07/17/2024 10:20

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

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24061962

Client Project: BAL-24Q3 **Report Date:** 12-Aug-24

Lab ID: 24061962-017 **Client Sample ID:** MW-350R

Matrix: GROUNDWATER **Collection Date:** 07/18/2024 13:48

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**25.98**	ft	1	07/18/2024 13:48	R350621
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**17**	NTU	1	07/18/2024 13:48	R350621
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		**-87**	mV	1	07/18/2024 13:48	R350621
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**818**	µS/cm	1	07/18/2024 13:48	R350621
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**18.2**	°C	1	07/18/2024 13:48	R350621
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**0.48**	mg/L	1	07/18/2024 13:48	R350621
SW-846 9040B FIELD									
pH	*	0	1.00		**7.69**		1	07/18/2024 13:48	R350621
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**331**	mg/L	1	07/19/2024 11:01	R350481
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	07/19/2024 11:01	R350481
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		**506**	mg/L	1	07/23/2024 8:32	R350690
SW-846 9036 (TOTAL)									
Sulfate	NELAP	12	20		**70**	mg/L	2	07/29/2024 12:47	R350922
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**0.87**	mg/L	1	07/19/2024 12:22	R350479
SW-846 9251 (TOTAL)									
Chloride	NELAP	1	4		**26**	mg/L	1	07/26/2024 17:31	R350886
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		**48.7**	mg/L	1	07/24/2024 10:03	226068
Magnesium	NELAP	0.0055	0.0500		**23.0**	mg/L	1	07/24/2024 10:03	226068
Potassium	NELAP	0.0400	0.100		**6.54**	mg/L	1	07/24/2024 10:03	226068
Sodium	NELAP	0.0180	0.0500		**103**	mg/L	1	07/24/2024 10:03	226068
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010	BJ	**0.0008**	mg/L	5	07/24/2024 23:52	226068
Arsenic	NELAP	0.0004	0.0010		**0.0029**	mg/L	5	07/25/2024 22:04	226068
Barium	NELAP	0.0007	0.0010		**0.106**	mg/L	5	07/25/2024 22:04	226068
Beryllium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	07/25/2024 22:04	226068
Boron	NELAP	0.0092	0.0250		**1.02**	mg/L	5	07/26/2024 13:40	226068
Cadmium	*	0.0002	0.0010		**< 0.0010**	mg/L	5	07/25/2024 22:04	226068
Chromium	NELAP	0.0007	0.0015	J	**0.0010**	mg/L	5	07/26/2024 13:40	226068
Cobalt	NELAP	0.0001	0.0010	J	**0.0005**	mg/L	5	07/25/2024 22:04	226068
Lead	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	07/25/2024 22:04	226068
Lithium	*	0.0015	0.0030		**0.0754**	mg/L	5	07/29/2024 11:35	226068
Molybdenum	NELAP	0.0006	0.0015		**0.0175**	mg/L	5	07/25/2024 22:04	226068
Selenium	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	07/25/2024 22:04	226068
Thallium	NELAP	0.0010	0.0020	J	**0.0014**	mg/L	5	07/25/2024 22:04	226068

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24061962

Client Project: BAL-24Q3 **Report Date:** 12-Aug-24

Lab ID: 24061962-017 **Client Sample ID:** MW-350R

Matrix: GROUNDWATER **Collection Date:** 07/18/2024 13:48

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
CCV recovered outside the upper control limits for TL. Sample results are below the reporting limit. Data is reportable per the TNI standard.									
LCS recovered outside upper control limits for Sb. Sample results are below the reporting limit. Data is reportable per the TNI Standard.									
Contamination present in the MBLK for Sb. Sample results below the reporting limit are reportable per the TNI Standard.									
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		**< 0.00020**	mg/L	1	07/22/2024 14:12	225937

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24061962

Client Project: BAL-24Q3 **Report Date:** 12-Aug-24

Lab ID: 24061962-018 **Client Sample ID:** MW-352

Matrix: GROUNDWATER **Collection Date:** 07/18/2024 12:01

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**2.62**	ft	1	07/18/2024 12:01	R350621
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**2.0**	NTU	1	07/18/2024 12:01	R350621
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		**-43**	mV	1	07/18/2024 12:01	R350621
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**2000**	µS/cm	1	07/18/2024 12:01	R350621
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**17.2**	°C	1	07/18/2024 12:01	R350621
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**4.60**	mg/L	1	07/18/2024 12:01	R350621
SW-846 9040B FIELD									
pH	*	0	1.00		**7.74**		1	07/18/2024 12:01	R350621
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**148**	mg/L	1	07/19/2024 12:18	R350481
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	07/19/2024 12:18	R350481
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		**1320**	mg/L	1	07/23/2024 8:32	R350690
SW-846 9036 (TOTAL)									
Sulfate	NELAP	6	10		**< 10**	mg/L	1	07/26/2024 17:38	R350878
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**1.54**	mg/L	1	07/19/2024 12:24	R350479
SW-846 9251 (TOTAL)									
Chloride	NELAP	10	80		**573**	mg/L	20	07/26/2024 17:44	R350886
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		**95.6**	mg/L	1	07/22/2024 19:44	225932
Magnesium	NELAP	0.0055	0.0500		**46.6**	mg/L	1	07/22/2024 19:44	225932
Potassium	NELAP	0.0400	0.100		**4.40**	mg/L	1	07/22/2024 19:44	225932
Sodium	NELAP	0.0180	0.0500		**272**	mg/L	1	07/22/2024 19:44	225932
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		**< 0.0010**	mg/L	5	07/23/2024 0:21	225932
Arsenic	NELAP	0.0004	0.0010		**< 0.0010**	mg/L	5	07/23/2024 0:21	225932
Barium	NELAP	0.0007	0.0010		**0.0917**	mg/L	5	07/23/2024 0:21	225932
Beryllium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	07/23/2024 0:21	225932
Boron	NELAP	0.0092	0.0250		**2.01**	mg/L	5	07/23/2024 0:21	225932
Cadmium	*	0.0002	0.0010		**< 0.0010**	mg/L	5	07/23/2024 0:21	225932
Chromium	NELAP	0.0007	0.0015		**< 0.0015**	mg/L	5	07/23/2024 0:21	225932
Cobalt	NELAP	0.0001	0.0010		**< 0.0010**	mg/L	5	07/23/2024 13:17	225932
Lead	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	07/23/2024 0:21	225932
Lithium	*	0.0015	0.0030		**0.0975**	mg/L	5	07/23/2024 13:17	225932
Molybdenum	NELAP	0.0006	0.0015		**< 0.0015**	mg/L	5	07/23/2024 0:21	225932
Selenium	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	07/23/2024 0:21	225932
Thallium	NELAP	0.0010	0.0020		**< 0.0020**	mg/L	5	07/23/2024 13:17	225932

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24061962

Client Project: BAL-24Q3 **Report Date:** 12-Aug-24

Lab ID: 24061962-018 **Client Sample ID:** MW-352

Matrix: GROUNDWATER **Collection Date:** 07/18/2024 12:01

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

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24061962

Client Project: BAL-24Q3 **Report Date:** 12-Aug-24

Lab ID: 24061962-021 **Client Sample ID:** MW-358

Matrix: GROUNDWATER **Collection Date:** 07/18/2024 11:10

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**2.16**	ft	1	07/18/2024 11:10	R350621
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**790**	NTU	1	07/18/2024 11:10	R350621
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		**-224**	mV	1	07/18/2024 11:10	R350621
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**1120**	µS/cm	1	07/18/2024 11:10	R350621
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**17.8**	°C	1	07/18/2024 11:10	R350621
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**< 0**	mg/L	1	07/18/2024 11:10	R350621
SW-846 9040B FIELD									
pH	*	0	1.00		**7.60**		1	07/18/2024 11:10	R350621
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**353**	mg/L	1	07/19/2024 12:32	R350481
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	07/19/2024 12:32	R350481
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		**640**	mg/L	1	07/23/2024 8:55	R350690
SW-846 9036 (TOTAL)									
Sulfate	NELAP	12	20		**88**	mg/L	2	07/29/2024 12:52	R350922
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**0.75**	mg/L	1	07/19/2024 12:27	R350479
SW-846 9251 (TOTAL)									
Chloride	NELAP	10	80		**101**	mg/L	20	07/26/2024 18:32	R350886
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		**70.6**	mg/L	1	07/22/2024 19:47	225932
Magnesium	NELAP	0.0055	0.0500		**33.7**	mg/L	1	07/22/2024 19:47	225932
Potassium	NELAP	0.0400	0.100		**2.02**	mg/L	1	07/22/2024 19:47	225932
Sodium	NELAP	0.0180	0.0500		**126**	mg/L	1	07/22/2024 19:47	225932
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		**0.0011**	mg/L	5	07/23/2024 1:13	225932
Arsenic	NELAP	0.0004	0.0010		**0.0011**	mg/L	5	07/23/2024 1:13	225932
Barium	NELAP	0.0007	0.0010		**0.111**	mg/L	5	07/23/2024 1:13	225932
Beryllium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	07/23/2024 1:13	225932
Boron	NELAP	0.0092	0.0250		**0.142**	mg/L	5	07/23/2024 1:13	225932
Cadmium	*	0.0002	0.0010		**< 0.0010**	mg/L	5	07/23/2024 1:13	225932
Chromium	NELAP	0.0007	0.0015		**0.0021**	mg/L	5	07/25/2024 17:57	225932
Cobalt	NELAP	0.0001	0.0010	J	**0.0006**	mg/L	5	07/23/2024 13:28	225932
Lead	NELAP	0.0006	0.0010	J	**0.0006**	mg/L	5	07/23/2024 1:13	225932
Lithium	*	0.0015	0.0030		**0.0379**	mg/L	5	07/23/2024 13:28	225932
Molybdenum	NELAP	0.0006	0.0015		**0.0037**	mg/L	5	07/23/2024 1:13	225932
Selenium	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	07/23/2024 1:13	225932
Thallium	NELAP	0.0010	0.0020		**< 0.0020**	mg/L	5	07/23/2024 13:28	225932

Laboratory Results

Client: Ramboll **Work Order:** 24061962

Client Project: BAL-24Q3 **Report Date:** 12-Aug-24

Lab ID: 24061962-021 **Client Sample ID:** MW-358

Matrix: GROUNDWATER **Collection Date:** 07/18/2024 11:10

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

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24061962

Client Project: BAL-24Q3 **Report Date:** 12-Aug-24

Lab ID: 24061962-022 **Client Sample ID:** MW-366

Matrix: GROUNDWATER **Collection Date:** 07/18/2024 12:06

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**13.52**	ft	1	07/18/2024 12:06	R350621
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**12**	NTU	1	07/18/2024 12:06	R350621
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		**-24**	mV	1	07/18/2024 12:06	R350621
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**1970**	µS/cm	1	07/18/2024 12:06	R350621
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**17.6**	°C	1	07/18/2024 12:06	R350621
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**0.17**	mg/L	1	07/18/2024 12:06	R350621
SW-846 9040B FIELD									
pH	*	0	1.00		**6.90**		1	07/18/2024 12:06	R350621
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**346**	mg/L	1	07/19/2024 12:39	R350481
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	07/19/2024 12:39	R350481
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		**1630**	mg/L	1	07/23/2024 8:55	R350690
SW-846 9036 (TOTAL)									
Sulfate	NELAP	123	200		**790**	mg/L	20	07/26/2024 18:39	R350878
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**0.33**	mg/L	1	07/19/2024 12:29	R350479
SW-846 9251 (TOTAL)									
Chloride	NELAP	2	20		**61**	mg/L	5	07/26/2024 18:34	R350886
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		**270**	mg/L	1	07/22/2024 19:48	225932
Magnesium	NELAP	0.0055	0.0500		**111**	mg/L	1	07/22/2024 19:48	225932
Potassium	NELAP	0.0400	0.100		**4.32**	mg/L	1	07/22/2024 19:48	225932
Sodium	NELAP	0.0180	0.0500		**72.9**	mg/L	1	07/22/2024 19:48	225932
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010	J	**0.0006**	mg/L	5	07/23/2024 1:19	225932
Arsenic	NELAP	0.0004	0.0010	J	**0.0005**	mg/L	5	07/23/2024 1:19	225932
Barium	NELAP	0.0007	0.0010		**0.0296**	mg/L	5	07/23/2024 1:19	225932
Beryllium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	07/23/2024 1:19	225932
Boron	NELAP	0.0092	0.0250		**2.71**	mg/L	5	07/23/2024 1:19	225932
Cadmium	*	0.0002	0.0010		**< 0.0010**	mg/L	5	07/23/2024 1:19	225932
Chromium	NELAP	0.0007	0.0015		**< 0.0015**	mg/L	5	07/23/2024 1:19	225932
Cobalt	NELAP	0.0001	0.0010	J	**0.0002**	mg/L	5	07/23/2024 14:31	225932
Lead	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	07/23/2024 1:19	225932
Lithium	*	0.0015	0.0030		**0.0110**	mg/L	5	07/23/2024 14:31	225932
Molybdenum	NELAP	0.0006	0.0015		**0.0032**	mg/L	5	07/23/2024 14:31	225932
Selenium	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	07/23/2024 1:19	225932
Thallium	NELAP	0.0010	0.0020		**< 0.0020**	mg/L	5	07/23/2024 14:31	225932

Laboratory Results

http://www.teklabinc.com/

Client: Ramboll **Work Order:** 24061962

Client Project: BAL-24Q3 **Report Date:** 12-Aug-24

Lab ID: 24061962-022 **Client Sample ID:** MW-366

Matrix: GROUNDWATER **Collection Date:** 07/18/2024 12:06

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		**< 0.00020**	mg/L	1	07/22/2024 14:21	225937

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24061962

Client Project: BAL-24Q3 **Report Date:** 12-Aug-24

Lab ID: 24061962-025 **Client Sample ID:** MW-375

Matrix: GROUNDWATER **Collection Date:** 07/18/2024 13:23

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**33.37**	ft	1	07/18/2024 13:23	R350621
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**23**	NTU	1	07/18/2024 13:23	R350621
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		**-209**	mV	1	07/18/2024 13:23	R350621
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**1480**	µS/cm	1	07/18/2024 13:23	R350621
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**15.7**	°C	1	07/18/2024 13:23	R350621
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**0.22**	mg/L	1	07/18/2024 13:23	R350621
SW-846 9040B FIELD									
pH	*	0	1.00		**7.69**		1	07/18/2024 13:23	R350621
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**574**	mg/L	1	07/19/2024 13:25	R350481
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	07/19/2024 13:25	R350481
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		**916**	mg/L	1	07/23/2024 8:56	R350690
SW-846 9036 (TOTAL)									
Sulfate	NELAP	61	100	S	**103**	mg/L	10	07/26/2024 19:17	R350878
Matrix spike did not recover within control limits due to matrix interference.									
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**2.42**	mg/L	1	07/19/2024 12:43	R350479
SW-846 9251 (TOTAL)									
Chloride	NELAP	5	40		**86**	mg/L	10	07/26/2024 19:17	R350886
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		**12.4**	mg/L	1	07/22/2024 20:01	225932
Magnesium	NELAP	0.0055	0.0500		**6.08**	mg/L	1	07/22/2024 20:01	225932
Potassium	NELAP	0.0400	0.100		**4.71**	mg/L	1	07/22/2024 20:01	225932
Sodium	NELAP	0.0180	0.0500		**375**	mg/L	1	07/22/2024 20:01	225932
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010	J	**0.0006**	mg/L	5	07/23/2024 1:36	225932
Arsenic	NELAP	0.0004	0.0010		**0.0017**	mg/L	5	07/23/2024 1:36	225932
Barium	NELAP	0.0007	0.0010		**0.0242**	mg/L	5	07/23/2024 1:36	225932
Beryllium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	07/23/2024 1:36	225932
Boron	NELAP	0.0092	0.0250		**1.21**	mg/L	5	07/23/2024 1:36	225932
Cadmium	*	0.0002	0.0010		**< 0.0010**	mg/L	5	07/23/2024 1:36	225932
Chromium	NELAP	0.0007	0.0015		**< 0.0015**	mg/L	5	07/23/2024 1:36	225932
Cobalt	NELAP	0.0001	0.0010	J	**0.0002**	mg/L	5	07/23/2024 14:48	225932
Lead	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	07/23/2024 1:36	225932
Lithium	*	0.0015	0.0030		**0.0695**	mg/L	5	07/23/2024 14:48	225932
Molybdenum	NELAP	0.0006	0.0015		**0.0167**	mg/L	5	07/23/2024 1:36	225932
Selenium	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	07/23/2024 1:36	225932
Thallium	NELAP	0.0010	0.0020		**< 0.0020**	mg/L	5	07/23/2024 14:48	225932

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24061962

Client Project: BAL-24Q3 **Report Date:** 12-Aug-24

Lab ID: 24061962-025 **Client Sample ID:** MW-375

Matrix: GROUNDWATER **Collection Date:** 07/18/2024 13:23

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		**< 0.00020**	mg/L	1	07/22/2024 14:32	225937

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24061962

Client Project: BAL-24Q3 **Report Date:** 12-Aug-24

Lab ID: 24061962-026 **Client Sample ID:** MW-377

Matrix: GROUNDWATER **Collection Date:** 07/18/2024 14:41

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**6.54**	ft	1	07/18/2024 14:41	R350621
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**26**	NTU	1	07/18/2024 14:41	R350621
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		**-23**	mV	1	07/18/2024 14:41	R350621
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**1050**	µS/cm	1	07/18/2024 14:41	R350621
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**17.0**	°C	1	07/18/2024 14:41	R350621
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**0.40**	mg/L	1	07/18/2024 14:41	R350621
SW-846 9040B FIELD									
pH	*	0	1.00		**7.04**		1	07/18/2024 14:41	R350621
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**412**	mg/L	1	07/19/2024 13:32	R350481
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	07/19/2024 13:32	R350481
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		**638**	mg/L	1	07/23/2024 9:08	R350690
SW-846 9036 (TOTAL)									
Sulfate	NELAP	6	10		**37**	mg/L	1	07/26/2024 19:38	R350878
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**1.28**	mg/L	1	07/19/2024 12:44	R350479
SW-846 9251 (TOTAL)									
Chloride	NELAP	2	20		**103**	mg/L	5	07/26/2024 19:44	R350886
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100	S	**57.8**	mg/L	1	07/22/2024 20:02	225932
Magnesium	NELAP	0.0055	0.0500		**38.8**	mg/L	1	07/22/2024 20:02	225932
Potassium	NELAP	0.0400	0.100		**3.72**	mg/L	1	07/22/2024 20:02	225932
Sodium	NELAP	0.0180	0.0500	S	**140**	mg/L	1	07/22/2024 20:02	225932
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	07/23/2024 1:53	225932
Arsenic	NELAP	0.0004	0.0010		**< 0.0010**	mg/L	5	07/23/2024 1:53	225932
Barium	NELAP	0.0007	0.0010		**0.0574**	mg/L	5	07/23/2024 1:53	225932
Beryllium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	07/23/2024 1:53	225932
Boron	NELAP	0.0092	0.0250		**1.62**	mg/L	5	07/23/2024 1:53	225932
Cadmium	*	0.0002	0.0010		**< 0.0010**	mg/L	5	07/23/2024 1:53	225932
Chromium	NELAP	0.0007	0.0015		**< 0.0015**	mg/L	5	07/23/2024 1:53	225932
Cobalt	NELAP	0.0001	0.0010		**< 0.0010**	mg/L	5	07/23/2024 15:00	225932
Lead	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	07/23/2024 1:53	225932
Lithium	*	0.0015	0.0030		**0.0630**	mg/L	5	07/23/2024 15:00	225932
Molybdenum	NELAP	0.0006	0.0015		**< 0.0015**	mg/L	5	07/23/2024 1:53	225932
Selenium	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	07/23/2024 1:53	225932
Thallium	NELAP	0.0010	0.0020		**< 0.0020**	mg/L	5	07/23/2024 15:00	225932

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24061962

Client Project: BAL-24Q3 **Report Date:** 12-Aug-24

Lab ID: 24061962-026 **Client Sample ID:** MW-377

Matrix: GROUNDWATER **Collection Date:** 07/18/2024 14:41

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		**< 0.00020**	mg/L	1	07/22/2024 14:39	225937

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24061962

Client Project: BAL-24Q3 **Report Date:** 12-Aug-24

Lab ID: 24061962-028 **Client Sample ID:** MW-383

Matrix: GROUNDWATER **Collection Date:** 07/17/2024 11:15

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**36.09**	ft	1	07/17/2024 11:15	R350621
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**49**	NTU	1	07/17/2024 11:15	R350621
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		**-81**	mV	1	07/17/2024 11:15	R350621
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**1480**	µS/cm	1	07/17/2024 11:15	R350621
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**19.7**	°C	1	07/17/2024 11:15	R350621
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**0.08**	mg/L	1	07/17/2024 11:15	R350621
SW-846 9040B FIELD									
pH	*	0	1.00		**7.71**		1	07/17/2024 11:15	R350621
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**558**	mg/L	1	07/18/2024 12:55	R350412
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	07/18/2024 12:55	R350412
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		**976**	mg/L	1	07/19/2024 10:12	R350547
SW-846 9036 (TOTAL)									
Sulfate	NELAP	61	100		**166**	mg/L	10	07/26/2024 20:16	R350878
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**0.70**	mg/L	1	07/18/2024 10:58	R350406
SW-846 9251 (TOTAL)									
Chloride	NELAP	1	4		**43**	mg/L	1	07/26/2024 20:10	R350886
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		**22.6**	mg/L	1	07/19/2024 10:25	225880
Magnesium	NELAP	0.0055	0.0500		**8.56**	mg/L	1	07/19/2024 10:25	225880
Potassium	NELAP	0.0400	0.100		**2.26**	mg/L	1	07/19/2024 10:25	225880
Sodium	NELAP	0.0180	0.0500		**343**	mg/L	1	07/19/2024 10:25	225880
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010	B	**< 0.0010**	mg/L	5	07/19/2024 15:18	225880
Arsenic	NELAP	0.0004	0.0010	J	**0.0006**	mg/L	5	07/19/2024 15:18	225880
Barium	NELAP	0.0007	0.0010		**0.0505**	mg/L	5	07/22/2024 12:41	225880
Beryllium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	07/19/2024 15:18	225880
Boron	NELAP	0.0092	0.0250		**1.30**	mg/L	5	07/19/2024 15:18	225880
Cadmium	*	0.0002	0.0010		**< 0.0010**	mg/L	5	07/19/2024 15:18	225880
Chromium	NELAP	0.0007	0.0015		**< 0.0015**	mg/L	5	07/19/2024 15:18	225880
Cobalt	NELAP	0.0001	0.0010	J	**0.0002**	mg/L	5	07/19/2024 15:18	225880
Lead	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	07/19/2024 15:18	225880
Lithium	*	0.0015	0.0030		**0.0355**	mg/L	5	07/19/2024 15:18	225880
Molybdenum	NELAP	0.0006	0.0015		**0.0096**	mg/L	5	07/19/2024 15:18	225880
Selenium	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	07/19/2024 15:18	225880
Thallium	NELAP	0.0010	0.0020		**< 0.0020**	mg/L	5	07/19/2024 15:18	225880

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

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24061962

Client Project: BAL-24Q3 **Report Date:** 12-Aug-24

Lab ID: 24061962-028 **Client Sample ID:** MW-383

Matrix: GROUNDWATER **Collection Date:** 07/17/2024 11:15

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		**< 0.00020**	mg/L	1	07/19/2024 14:36	225881

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24061962

Client Project: BAL-24Q3 **Report Date:** 12-Aug-24

Lab ID: 24061962-029 **Client Sample ID:** MW-384

Matrix: GROUNDWATER **Collection Date:** 07/17/2024 12:11

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**23.40**	ft	1	07/17/2024 12:11	R350621
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**9.6**	NTU	1	07/17/2024 12:11	R350621
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		**-4**	mV	1	07/17/2024 12:11	R350621
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**2860**	µS/cm	1	07/17/2024 12:11	R350621
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**19.8**	°C	1	07/17/2024 12:11	R350621
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**0.18**	mg/L	1	07/17/2024 12:11	R350621
SW-846 9040B FIELD									
pH	*	0	1.00		**8.31**		1	07/17/2024 12:11	R350621
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**622**	mg/L	1	07/18/2024 13:02	R350412
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**22**	mg/L	1	07/18/2024 13:02	R350412
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		**1570**	mg/L	1	07/19/2024 10:12	R350547
SW-846 9036 (TOTAL)									
Sulfate	NELAP	6	10		**32**	mg/L	1	07/26/2024 20:17	R350878
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**4.58**	mg/L	1	07/18/2024 11:00	R350406
SW-846 9251 (TOTAL)									
Chloride	NELAP	10	80		**520**	mg/L	20	07/26/2024 20:24	R350886
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		**12.9**	mg/L	1	07/19/2024 10:25	225880
Magnesium	NELAP	0.0055	0.0500		**5.19**	mg/L	1	07/19/2024 10:25	225880
Potassium	NELAP	0.0400	0.100		**2.53**	mg/L	1	07/19/2024 10:25	225880
Sodium	NELAP	0.360	1.00		**573**	mg/L	20	07/24/2024 7:20	225880
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010	B	**< 0.0010**	mg/L	5	07/19/2024 15:23	225880
Arsenic	NELAP	0.0004	0.0010		**< 0.0010**	mg/L	5	07/19/2024 15:23	225880
Barium	NELAP	0.0007	0.0010		**0.0476**	mg/L	5	07/22/2024 12:46	225880
Beryllium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	07/19/2024 15:23	225880
Boron	NELAP	0.0092	0.0250		**1.44**	mg/L	5	07/19/2024 15:23	225880
Cadmium	*	0.0002	0.0010		**< 0.0010**	mg/L	5	07/19/2024 15:23	225880
Chromium	NELAP	0.0007	0.0015		**0.0028**	mg/L	5	07/19/2024 15:23	225880
Cobalt	NELAP	0.0001	0.0010	J	**0.0003**	mg/L	5	07/19/2024 15:23	225880
Lead	NELAP	0.0006	0.0010	J	**0.0006**	mg/L	5	07/19/2024 15:23	225880
Lithium	*	0.0015	0.0030		**0.0437**	mg/L	5	07/19/2024 15:23	225880
Molybdenum	NELAP	0.0006	0.0015		**0.0116**	mg/L	5	07/22/2024 12:46	225880
Selenium	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	07/19/2024 15:23	225880
Thallium	NELAP	0.0010	0.0020		**< 0.0020**	mg/L	5	07/19/2024 15:23	225880

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

Laboratory Results

Client: Ramboll **Work Order:** 24061962

Client Project: BAL-24Q3 **Report Date:** 12-Aug-24

Lab ID: 24061962-029 **Client Sample ID:** MW-384

Matrix: GROUNDWATER **Collection Date:** 07/17/2024 12:11

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		**< 0.00020**	mg/L	1	07/19/2024 14:38	225881

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24061962

Client Project: BAL-24Q3 **Report Date:** 12-Aug-24

Lab ID: 24061962-030 **Client Sample ID:** MW-390

Matrix: GROUNDWATER **Collection Date:** 07/17/2024 13:32

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**12.53**	ft	1	07/17/2024 13:32	R350621
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**15**	NTU	1	07/17/2024 13:32	R350621
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		**-94**	mV	1	07/17/2024 13:32	R350621
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**2320**	µS/cm	1	07/17/2024 13:32	R350621
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**18.3**	°C	1	07/17/2024 13:32	R350621
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**0.05**	mg/L	1	07/17/2024 13:32	R350621
SW-846 9040B FIELD									
pH	*	0	1.00		**7.47**		1	07/17/2024 13:32	R350621
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**416**	mg/L	1	07/18/2024 13:10	R350412
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	07/18/2024 13:10	R350412
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		**1050**	mg/L	1	07/19/2024 10:12	R350547
SW-846 9036 (TOTAL)									
Sulfate	NELAP	31	50		**245**	mg/L	5	07/26/2024 20:32	R350878
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**1.39**	mg/L	1	07/18/2024 11:02	R350406
SW-846 9251 (TOTAL)									
Chloride	NELAP	2	20		**204**	mg/L	5	07/26/2024 20:32	R350886
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		**79.9**	mg/L	1	07/19/2024 10:26	225880
Magnesium	NELAP	0.0055	0.0500		**35.3**	mg/L	1	07/19/2024 10:26	225880
Potassium	NELAP	0.0400	0.100		**3.70**	mg/L	1	07/19/2024 10:26	225880
Sodium	NELAP	0.0180	0.0500		**182**	mg/L	1	07/19/2024 10:26	225880
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010	B	**< 0.0010**	mg/L	5	07/19/2024 15:29	225880
Arsenic	NELAP	0.0004	0.0010	J	**0.0009**	mg/L	5	07/19/2024 15:29	225880
Barium	NELAP	0.0007	0.0010		**0.0627**	mg/L	5	07/22/2024 12:52	225880
Beryllium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	07/19/2024 15:29	225880
Boron	NELAP	0.0092	0.0250		**0.451**	mg/L	5	07/19/2024 15:29	225880
Cadmium	*	0.0002	0.0010		**< 0.0010**	mg/L	5	07/19/2024 15:29	225880
Chromium	NELAP	0.0007	0.0015		**< 0.0015**	mg/L	5	07/19/2024 15:29	225880
Cobalt	NELAP	0.0001	0.0010		**0.0016**	mg/L	5	07/22/2024 12:52	225880
Lead	NELAP	0.0006	0.0010	J	**0.0006**	mg/L	5	07/19/2024 15:29	225880
Lithium	*	0.0015	0.0030		**0.0290**	mg/L	5	07/19/2024 15:29	225880
Molybdenum	NELAP	0.0006	0.0015		**0.0029**	mg/L	5	07/22/2024 12:52	225880
Selenium	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	07/19/2024 15:29	225880
Thallium	NELAP	0.0010	0.0020		**< 0.0020**	mg/L	5	07/19/2024 15:29	225880

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

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24061962

Client Project: BAL-24Q3 **Report Date:** 12-Aug-24

Lab ID: 24061962-030 **Client Sample ID:** MW-390

Matrix: GROUNDWATER **Collection Date:** 07/17/2024 13:32

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		**< 0.00020**	mg/L	1	07/19/2024 14:41	225881

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24061962

Client Project: BAL-24Q3 **Report Date:** 12-Aug-24

Lab ID: 24061962-031 **Client Sample ID:** MW-391

Matrix: GROUNDWATER **Collection Date:** 07/19/2024 11:05

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**66.31**	ft	1	07/19/2024 11:05	R350621
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**93**	NTU	1	07/19/2024 11:05	R350621
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		**91**	mV	1	07/19/2024 11:05	R350621
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**1250**	µS/cm	1	07/19/2024 11:05	R350621
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**18.8**	°C	1	07/19/2024 11:05	R350621
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**5.67**	mg/L	1	07/19/2024 11:05	R350621
SW-846 9040B FIELD									
pH	*	0	1.00		**7.76**		1	07/19/2024 11:05	R350621
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**446**	mg/L	1	07/23/2024 15:02	R350627
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	07/23/2024 15:02	R350627
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		**880**	mg/L	1	07/24/2024 9:48	R350752
SW-846 9036 (TOTAL)									
Sulfate	NELAP	31	50		**139**	mg/L	5	07/26/2024 20:34	R350878
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**1.46**	mg/L	1	07/22/2024 11:10	R350534
SW-846 9251 (TOTAL)									
Chloride	NELAP	2	20		**56**	mg/L	5	07/26/2024 20:34	R350886
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		**9.87**	mg/L	1	07/23/2024 13:27	225998
Magnesium	NELAP	0.0055	0.0500		**3.93**	mg/L	1	07/23/2024 13:27	225998
Potassium	NELAP	0.0400	0.100		**2.16**	mg/L	1	07/23/2024 13:27	225998
Sodium	NELAP	0.0180	0.0500		**394**	mg/L	1	07/23/2024 13:27	225998
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010	J	**0.0008**	mg/L	5	07/23/2024 23:23	225998
Arsenic	NELAP	0.0004	0.0010		**0.0020**	mg/L	5	07/23/2024 23:23	225998
Barium	NELAP	0.0007	0.0010		**0.0183**	mg/L	5	07/23/2024 23:23	225998
Beryllium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	07/23/2024 23:23	225998
Boron	NELAP	0.0092	0.0250		**0.767**	mg/L	5	07/23/2024 23:23	225998
Cadmium	*	0.0002	0.0010		**< 0.0010**	mg/L	5	07/23/2024 23:23	225998
Chromium	NELAP	0.0007	0.0015		**< 0.0015**	mg/L	5	07/23/2024 23:23	225998
Cobalt	NELAP	0.0001	0.0010		**< 0.0010**	mg/L	5	07/23/2024 23:23	225998
Lead	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	07/23/2024 23:23	225998
Lithium	*	0.0015	0.0030		**0.0477**	mg/L	5	07/23/2024 23:23	225998
Molybdenum	NELAP	0.0006	0.0015		**0.0356**	mg/L	5	07/23/2024 23:23	225998
Selenium	NELAP	0.0006	0.0010		**0.0040**	mg/L	5	07/23/2024 23:23	225998
Thallium	NELAP	0.0010	0.0020		**< 0.0020**	mg/L	5	07/23/2024 23:23	225998

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24061962

Client Project: BAL-24Q3 **Report Date:** 12-Aug-24

Lab ID: 24061962-031 **Client Sample ID:** MW-391

Matrix: GROUNDWATER **Collection Date:** 07/19/2024 11:05

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		**< 0.00020**	mg/L	1	07/23/2024 8:28	225987

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24061962

Client Project: BAL-24Q3 **Report Date:** 12-Aug-24

Lab ID: 24061962-045 **Client Sample ID:** Field Blank

Matrix: AQUEOUS **Collection Date:** 07/23/2024 12:04

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**1**	mg/L	1	07/25/2024 12:02	R350768
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	07/25/2024 12:02	R350768
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		**< 20**	mg/L	1	07/27/2024 11:32	R350897
SW-846 9036 (TOTAL)									
Sulfate	NELAP	6	10		**< 10**	mg/L	1	07/29/2024 10:26	R350922
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**< 0.10**	mg/L	1	07/25/2024 10:13	R350762
SW-846 9251 (TOTAL)									
Chloride	NELAP	1	4		**< 4**	mg/L	1	07/29/2024 10:26	R350942
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		**< 0.100**	mg/L	1	07/24/2024 13:44	226078
Magnesium	NELAP	0.0055	0.0500		**< 0.0500**	mg/L	1	07/24/2024 13:44	226078
Potassium	NELAP	0.0400	0.100		**< 0.100**	mg/L	1	07/24/2024 13:44	226078
Sodium	NELAP	0.0180	0.0500		**< 0.0500**	mg/L	1	07/24/2024 13:44	226078
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010	B	**< 0.0010**	mg/L	5	07/25/2024 0:09	226078
Arsenic	NELAP	0.0004	0.0010		**< 0.0010**	mg/L	5	07/25/2024 0:09	226078
Barium	NELAP	0.0007	0.0010		**< 0.0010**	mg/L	5	07/25/2024 0:09	226078
Beryllium	NELAP	0.0002	0.0010	J	**0.0006**	mg/L	5	07/25/2024 0:09	226078
Boron	NELAP	0.0092	0.0250		**< 0.0250**	mg/L	5	07/25/2024 0:09	226078
Cadmium	*	0.0002	0.0010		**< 0.0010**	mg/L	5	07/25/2024 0:09	226078
Chromium	NELAP	0.0007	0.0015		**< 0.0015**	mg/L	5	07/25/2024 19:29	226078
Cobalt	NELAP	0.0001	0.0010	J	**0.0004**	mg/L	5	07/25/2024 0:09	226078
Lead	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	07/25/2024 0:09	226078
Lithium	*	0.0015	0.0030		**< 0.0030**	mg/L	5	07/25/2024 0:09	226078
Molybdenum	NELAP	0.0006	0.0015		**< 0.0015**	mg/L	5	07/25/2024 0:09	226078
Selenium	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	07/25/2024 0:09	226078
Thallium	NELAP	0.0010	0.0020		**< 0.0020**	mg/L	5	07/25/2024 0:09	226078

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

CCV recovered outside the upper control limits for Tl. Sample results are below the reporting limit. Data is reportable per the TNI standard.

SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		**< 0.00020**	mg/L	1	07/26/2024 13:02	226132

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24061962

Client Project: BAL-24Q3 **Report Date:** 12-Aug-24

Lab ID: 24061962-046 **Client Sample ID:** MW-304 Duplicate

Matrix: GROUNDWATER **Collection Date:** 07/17/2024 10:20

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**9.01**	ft	1	07/17/2024 10:20	R350621
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**14**	NTU	1	07/17/2024 10:20	R350621
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		**-22**	mV	1	07/17/2024 10:20	R350621
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**2240**	µS/cm	1	07/17/2024 10:20	R350621
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**18.6**	°C	1	07/17/2024 10:20	R350621
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**0.39**	mg/L	1	07/17/2024 10:20	R350621
SW-846 9040B FIELD									
pH	*	0	1.00		**7.70**		1	07/17/2024 10:20	R350621
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**822**	mg/L	1	07/18/2024 14:14	R350412
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	07/18/2024 14:14	R350412
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		**1500**	mg/L	1	07/19/2024 10:34	R350547
SW-846 9036 (TOTAL)									
Sulfate	NELAP	61	100		**184**	mg/L	10	07/29/2024 10:29	R350922
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**1.65**	mg/L	1	07/18/2024 11:31	R350406
SW-846 9251 (TOTAL)									
Chloride	NELAP	5	40		**160**	mg/L	10	07/29/2024 10:28	R350942
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		**10.5**	mg/L	1	07/19/2024 14:20	225880
Magnesium	NELAP	0.110	1.00		**4.40**	mg/L	20	07/24/2024 7:24	225880
Potassium	NELAP	0.0400	0.100		**2.24**	mg/L	1	07/19/2024 14:20	225880
Sodium	NELAP	0.360	1.00		**540**	mg/L	20	07/24/2024 7:24	225880
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010	J	**0.0010**	mg/L	5	07/22/2024 15:04	225880
Arsenic	NELAP	0.0004	0.0010		**0.0035**	mg/L	5	07/19/2024 18:04	225880
Barium	NELAP	0.0007	0.0010		**0.0191**	mg/L	5	07/22/2024 15:04	225880
Beryllium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	07/19/2024 18:04	225880
Boron	NELAP	0.0092	0.0250		**2.03**	mg/L	5	07/19/2024 18:04	225880
Cadmium	*	0.0002	0.0010		**< 0.0010**	mg/L	5	07/19/2024 18:04	225880
Chromium	NELAP	0.0007	0.0015	J	**0.0011**	mg/L	5	07/19/2024 18:04	225880
Cobalt	NELAP	0.0001	0.0010		**< 0.0010**	mg/L	5	07/19/2024 18:04	225880
Lead	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	07/19/2024 18:04	225880
Lithium	*	0.0015	0.0030		**0.0950**	mg/L	5	07/19/2024 18:04	225880
Molybdenum	NELAP	0.0006	0.0015	J	**0.0009**	mg/L	5	07/19/2024 18:04	225880
Selenium	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	07/19/2024 18:04	225880
Thallium	NELAP	0.0010	0.0020		**< 0.0020**	mg/L	5	07/19/2024 18:04	225880

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24061962

Client Project: BAL-24Q3 **Report Date:** 12-Aug-24

Lab ID: 24061962-046 **Client Sample ID:** MW-304 Duplicate

Matrix: GROUNDWATER **Collection Date:** 07/17/2024 10:20

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

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24061962

Client Project: BAL-24Q3 **Report Date:** 12-Aug-24

Lab ID: 24061962-047 **Client Sample ID:** Equipment Blank 1

Matrix: AQUEOUS **Collection Date:** 07/23/2024 12:11

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**1**	mg/L	1	07/25/2024 12:05	R350768
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	07/25/2024 12:05	R350768
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		**< 20**	mg/L	1	07/27/2024 11:33	R350897
SW-846 9036 (TOTAL)									
Sulfate	NELAP	6	10		**< 10**	mg/L	1	07/29/2024 10:53	R350922
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**< 0.10**	mg/L	1	07/25/2024 10:16	R350762
SW-846 9251 (TOTAL)									
Chloride	NELAP	1	4		**< 4**	mg/L	1	07/29/2024 10:52	R350942
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		**0.142**	mg/L	1	07/24/2024 13:45	226078
Magnesium	NELAP	0.0055	0.050	J	**0.027**	mg/L	1	07/24/2024 13:45	226078
Potassium	NELAP	0.0400	0.100		**< 0.100**	mg/L	1	07/24/2024 13:45	226078
Sodium	NELAP	0.018	0.050	J	**0.028**	mg/L	1	07/24/2024 13:45	226078
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010	B	**< 0.0010**	mg/L	5	07/25/2024 0:15	226078
Arsenic	NELAP	0.0004	0.0010		**< 0.0010**	mg/L	5	07/25/2024 0:15	226078
Barium	NELAP	0.0007	0.0010	J	**0.0008**	mg/L	5	07/25/2024 0:15	226078
Beryllium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	07/25/2024 0:15	226078
Boron	NELAP	0.0092	0.0250		**< 0.0250**	mg/L	5	07/25/2024 0:15	226078
Cadmium	*	0.0002	0.0010		**< 0.0010**	mg/L	5	07/25/2024 0:15	226078
Chromium	NELAP	0.0007	0.0015		**< 0.0015**	mg/L	5	07/25/2024 20:55	226078
Cobalt	NELAP	0.0001	0.0010	J	**0.0001**	mg/L	5	07/25/2024 0:15	226078
Lead	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	07/25/2024 0:15	226078
Lithium	*	0.0015	0.0030		**< 0.0030**	mg/L	5	07/25/2024 0:15	226078
Molybdenum	NELAP	0.0006	0.0015		**< 0.0015**	mg/L	5	07/25/2024 0:15	226078
Selenium	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	07/25/2024 0:15	226078
Thallium	NELAP	0.0010	0.0020		**< 0.0020**	mg/L	5	07/25/2024 0:15	226078

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

CCV recovered outside the upper control limits for Tl. Sample results are below the reporting limit. Data is reportable per the TNI standard.

SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		**< 0.00020**	mg/L	1	07/26/2024 13:04	226132

Teklab, Inc. Environmental Laboratory

Sample Summary

Client: Ramboll
Client Project: BAL-24Q3

Work Order: 24061962
Report Date: 12-Aug-24

Lab Sample ID	Client Sample ID	Matrix	Fractions	Collection Date
24061962-003	MW-150	Groundwater	4	07/18/2024 12:57
24061962-004	MW-151	Groundwater	4	07/18/2024 13:32
24061962-005	MW-152	Groundwater	4	07/18/2024 10:44
24061962-006	MW-153	Groundwater	4	07/18/2024 8:36
24061962-014	MW-252	Groundwater	4	07/18/2024 11:18
24061962-015	MW-253R	Groundwater	4	07/18/2024 9:24
24061962-016	MW-304	Groundwater	4	07/17/2024 10:20
24061962-017	MW-350R	Groundwater	4	07/18/2024 13:48
24061962-018	MW-352	Groundwater	4	07/18/2024 12:01
24061962-021	MW-358	Groundwater	2	07/18/2024 11:10
24061962-022	MW-366	Groundwater	2	07/18/2024 12:06
24061962-025	MW-375	Groundwater	2	07/18/2024 13:23
24061962-026	MW-377	Groundwater	2	07/18/2024 14:41
24061962-028	MW-383	Groundwater	2	07/17/2024 11:15
24061962-029	MW-384	Groundwater	2	07/17/2024 12:11
24061962-030	MW-390	Groundwater	2	07/17/2024 13:32
24061962-031	MW-391	Groundwater	2	07/19/2024 11:05
24061962-045	Field Blank	Aqueous	4	07/23/2024 12:04
24061962-046	MW-304 Duplicate	Groundwater	4	07/17/2024 10:20
24061962-047	Equipment Blank 1	Aqueous	4	07/23/2024 12:11

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24061962

Client Project: BAL-24Q3 **Report Date:** 12-Aug-24

STANDARD METHODS 2510 B FIELD

Batch R350621 **SampType:** LCS Units **µS/cm**
SampID: LCS-1J

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Spec. Conductance, Field	*	0		**1410**	1412	0	100.0	90	110	07/16/2024

Batch R350621 **SampType:** LCS Units **µS/cm**
SampID: LCS-1T

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Spec. Conductance, Field	*	0		**1410**	1412	0	99.7	90	110	07/17/2024

Batch R350621 **SampType:** LCS Units **µS/cm**
SampID: LCS-2B

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Spec. Conductance, Field	*	0		**1420**	1412	0	100.3	90	110	07/17/2024

Batch R350621 **SampType:** LCS Units **µS/cm**
SampID: LCS-2J

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Spec. Conductance, Field	*	0		**1410**	1412	0	99.9	90	110	07/17/2024

Batch R350621 **SampType:** LCS Units **µS/cm**
SampID: LCS-2T

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Spec. Conductance, Field	*	0		**1410**	1412	0	100.1	90	110	07/18/2024

Batch R350621 **SampType:** LCS Units **µS/cm**
SampID: LCS-3B

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Spec. Conductance, Field	*	0		**1410**	1412	0	100.1	90	110	07/18/2024

Batch R350621 **SampType:** LCS Units **µS/cm**
SampID: LCS-3J

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Spec. Conductance, Field	*	0		**1410**	1412	0	100.1	90	110	07/18/2024

Batch R350621 **SampType:** LCS Units **µS/cm**
SampID: LCS-4B

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Spec. Conductance, Field	*	0		**1420**	1412	0	100.4	90	110	07/19/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24061962

Client Project: BAL-24Q3 **Report Date:** 12-Aug-24

STANDARD METHODS 2510 B FIELD

Batch R350621 **SampType:** LCS Units **µS/cm**
SampID: LCS-4J

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Spec. Conductance, Field	*	0		**1400**	1412	0	99.5	90	110	07/19/2024

Batch R350621 **SampType:** LCS Units **µS/cm**
SampID: LCS-5J

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Spec. Conductance, Field	*	0		**1410**	1412	0	99.6	90	110	07/22/2024

Batch R350621 **SampType:** LCS Units **µS/cm**
SampID: LCS-6J

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Spec. Conductance, Field	*	0		**1410**	1412	0	99.8	90	110	07/23/2024

SW-846 9040B FIELD

Batch R350621 **SampType:** LCS Units
SampID: LCS-1J

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
pH	*	1.00		**7.00**	7.000	0	100.0	98.57	101.4	07/16/2024

Batch R350621 **SampType:** LCS Units
SampID: LCS-1T

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
pH	*	1.00		**7.02**	7.000	0	100.3	98.57	101.4	07/17/2024

Batch R350621 **SampType:** LCS Units
SampID: LCS-2B

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
pH	*	1.00		**7.01**	7.000	0	100.1	98.57	101.4	07/17/2024

Batch R350621 **SampType:** LCS Units
SampID: LCS-2J

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
pH	*	1.00		**7.00**	7.000	0	100.0	98.57	101.4	07/17/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24061962

Client Project: BAL-24Q3 **Report Date:** 12-Aug-24

SW-846 9040B FIELD

Batch R350621 **SampType:** LCS Units

SampID: LCS-2T

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
pH	*	1.00		**7.01**	7.000	0	100.1	98.57	101.4	07/18/2024

Batch R350621 **SampType:** LCS Units

SampID: LCS-3B

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
pH	*	1.00		**7.00**	7.000	0	100.0	98.57	101.4	07/18/2024

Batch R350621 **SampType:** LCS Units

SampID: LCS-3J

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
pH	*	1.00		**7.01**	7.000	0	100.1	98.57	101.4	07/18/2024

Batch R350621 **SampType:** LCS Units

SampID: LCS-4B

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
pH	*	1.00		**7.01**	7.000	0	100.1	98.57	101.4	07/19/2024

Batch R350621 **SampType:** LCS Units

SampID: LCS-4J

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
pH	*	1.00		**6.99**	7.000	0	99.9	98.57	101.4	07/19/2024

Batch R350621 **SampType:** LCS Units

SampID: LCS-5J

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
pH	*	1.00		**6.98**	7.000	0	99.7	98.57	101.4	07/22/2024

Batch R350621 **SampType:** LCS Units

SampID: LCS-6J

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
pH	*	1.00		**7.00**	7.000	0	100.0	98.57	101.4	07/23/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24061962

Client Project: BAL-24Q3 **Report Date:** 12-Aug-24

STANDARD METHODS 2540 C (TOTAL) 1997, 2011

Batch R350547 **SampType:** MBLK Units **mg/L**
SampID: MBLK

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Total Dissolved Solids		20		**< 20**	16.00	0	0	-100	100	07/19/2024

Batch R350547 **SampType:** LCS Units **mg/L**
SampID: LCS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Total Dissolved Solids		20		**940**	1000	0	94.0	90	110	07/19/2024

Batch R350547 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 24061962-030ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		20		**1080**				1052	2.26	07/19/2024

Batch R350690 **SampType:** MBLK Units **mg/L**
SampID: MBLK

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Total Dissolved Solids		20		**< 20**	16.00	0	0	-100	100	07/23/2024

Batch R350690 **SampType:** LCS Units **mg/L**
SampID: LCS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Total Dissolved Solids		20		**962**	1000	0	96.2	90	110	07/23/2024

Batch R350690 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 24061962-018ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		20		**1340**				1320	1.20	07/23/2024

Batch R350752 **SampType:** MBLK Units **mg/L**
SampID: MBLK

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Total Dissolved Solids		20		**< 20**	16.00	0	0	-100	100	07/24/2024

Batch R350752 **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		**1010**	1000	0	101.2	90	110	07/24/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24061962

Client Project: BAL-24Q3 **Report Date:** 12-Aug-24

STANDARD METHODS 2540 C (TOTAL) 1997, 2011

Batch R350752 **SampType:** DUP Units **mg/L** RPD Limit **10**

SampID: 24071773-006ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		50		**3340**				3635	8.61	07/24/2024

Batch R350848 **SampType:** MBLK Units **mg/L**

SampID: MBLK

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Total Dissolved Solids		20		**< 20**	16.00	0	0	-100	100	07/25/2024
Total Dissolved Solids		20		**< 20**	16.00	0	0	-100	100	07/25/2024

Batch R350848 **SampType:** LCS Units **mg/L**

SampID: LCS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Total Dissolved Solids		20		**962**	1000	0	96.2	90	110	07/25/2024
Total Dissolved Solids		20		**954**	1000	0	95.4	90	110	07/25/2024

Batch R350848 **SampType:** DUP Units **mg/L** RPD Limit **10**

SampID: 24071455-010ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		20		**260**				256.0	1.55	07/25/2024

Batch R350848 **SampType:** DUP Units **mg/L** RPD Limit **10**

SampID: 24071732-001ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		20		**242**				254.0	4.84	07/25/2024

Batch R350897 **SampType:** MBLK Units **mg/L**

SampID: MBLK

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Total Dissolved Solids		20		**< 20**	16.00	0	0	-100	100	07/27/2024

Batch R350897 **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		**1020**	1000	0	102.2	90	110	07/27/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24061962

Client Project: BAL-24Q3 **Report Date:** 12-Aug-24

STANDARD METHODS 2540 C (TOTAL) 1997, 2011

Batch R350897 **SampType:** DUP Units **mg/L** RPD Limit **10**

SampID: 24071132-027ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		20		**314**				298.0	5.23	07/27/2024

Batch R350897 **SampType:** DUP Units **mg/L** RPD Limit **10**

SampID: 24071873-001ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		1000		**15600**				16600	6.21	07/27/2024

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

Batch R350402 **SampType:** MBLK Units **mg/L**

SampID: MBLK

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**< 0.05**	0.0250	0	0	-100	100	07/18/2024

Batch R350402 **SampType:** LCS Units **mg/L**

SampID: LCS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.31**	0.3045	0	100.5	90	110	07/18/2024

Batch R350402 **SampType:** MS Units **mg/L**

SampID: 24061962-046AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.49**	0.5000	0	97.8	85	115	07/18/2024

Batch R350402 **SampType:** MSD Units **mg/L** RPD Limit **10**

SampID: 24061962-046AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.48**	0.5000	0	95.4	0.4890	2.48	07/18/2024

Batch R350402 **SampType:** MS Units **mg/L**

SampID: 24071526-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.56**	0.5000	0.05200	101.0	85	115	07/18/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24061962

Client Project: BAL-24Q3 **Report Date:** 12-Aug-24

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

Batch R350402 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24071526-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.56**	0.5000	0.05200	101.2	0.5570	0.18	07/18/2024

Batch R350402 **SampType:** MS Units **mg/L**
SampID: 24071605-010AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.48**	0.5000	0	95.4	85	115	07/18/2024

Batch R350402 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24071605-010AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.48**	0.5000	0	95.4	0.4770	0.00	07/18/2024

Batch R350489 **SampType:** MBLK Units **mg/L**
SampID: MBLK

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**< 0.05**	0.0250	0	0	-100	100	07/19/2024

Batch R350489 **SampType:** LCS Units **mg/L**
SampID: LCS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.31**	0.3045	0	100.5	90	110	07/19/2024

Batch R350489 **SampType:** MS Units **mg/L**
SampID: 24061962-005AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.49**	0.5000	0	98.2	85	115	07/19/2024

Batch R350489 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24061962-005AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.49**	0.5000	0	98.2	0.4910	0.00	07/19/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24061962

Client Project: BAL-24Q3 **Report Date:** 12-Aug-24

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

Batch R350628 **SampType:** MBLK Units **mg/L**
SampID: MBLK

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**< 0.05**	0.0250	0	0	-100	100	07/23/2024
Nitrogen, Nitrite (as N)		0.05		**< 0.05**	0.0250	0	0	-100	100	07/23/2024

Batch R350628 **SampType:** LCS Units **mg/L**
SampID: LCS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.32**	0.3045	0	106.7	90	110	07/23/2024
Nitrogen, Nitrite (as N)		0.05		**0.32**	0.3045	0	106.7	90	110	07/23/2024

Batch R350628 **SampType:** MS Units **mg/L**
SampID: 24071781-002AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.62**	0.5000	0.1470	94.8	85	115	07/23/2024

Batch R350628 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24071781-002AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.63**	0.5000	0.1470	95.8	0.6210	0.80	07/23/2024

Batch R350628 **SampType:** MS Units **mg/L**
SampID: 24071826-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.50**	0.5000	0	101.0	85	115	07/23/2024

Batch R350628 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24071826-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.50**	0.5000	0	100.4	0.5050	0.60	07/23/2024

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

Batch R350393 **SampType:** MBLK Units **mg/L**
SampID: ICB/MBLK

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate (as N)		0.050		**< 0.050**						07/18/2024
Nitrogen, Nitrate-Nitrite (as N)		0.050		**< 0.050**	0.0090	0	0	-100	100	07/18/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24061962

Client Project: BAL-24Q3 **Report Date:** 12-Aug-24

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

Batch R350393 **SampType:** LCS Units **mg/L**
SampID: ICV/LCS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		**0.509**	0.5000	0	101.8	90	110	07/18/2024

Batch R350393 **SampType:** MS Units **mg/Kg-dry**
SampID: 24071290-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.511		**3.16**	2.557	0.6238	99.2	90	110	07/18/2024

Batch R350393 **SampType:** MSD Units **mg/Kg-dry** RPD Limit **10**
SampID: 24071290-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.511		**3.14**	2.557	0.6238	98.4	3.160	0.65	07/18/2024

Batch R350393 **SampType:** MS Units **mg/L**
SampID: 24071319-008AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.100		**1.39**	0.5000	0.8790	103.0	90	110	07/18/2024

Batch R350393 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24071319-008AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.100		**1.39**	0.5000	0.8790	102.4	1.394	0.22	07/18/2024

Batch R350393 **SampType:** MS Units **mg/L**
SampID: 24071382-003AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.250		**4.67**	1.250	3.451	97.6	90	110	07/18/2024

Batch R350393 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24071382-003AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.250		**4.70**	1.250	3.451	99.8	4.671	0.58	07/18/2024

Batch R350393 **SampType:** MS Units **mg/L**
SampID: 24071407-003BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.500		**4.56**	2.500	2.004	102.4	90	110	07/18/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24061962

Client Project: BAL-24Q3 **Report Date:** 12-Aug-24

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

Batch R350393 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24071407-003BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.500		**4.45**	2.500	2.004	97.8	4.563	2.55	07/18/2024

Batch R350393 **SampType:** MS Units **mg/L**
SampID: 24071407-010BMS

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	11.04	105.8	90	110	07/18/2024

Batch R350393 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24071407-010BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		1.00		**15.7**	5.000	11.04	94.0	16.33	3.67	07/18/2024

Batch R350393 **SampType:** MS Units **mg/L**
SampID: 24071606-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		1.00		**9.77**	5.000	4.795	99.4	90	110	07/18/2024

Batch R350393 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24071606-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		1.00		**9.73**	5.000	4.795	98.7	9.767	0.40	07/18/2024

Batch R350520 **SampType:** MBLK Units **mg/L**
SampID: ICB/MBLK

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate (as N)		0.050		**< 0.050**						07/19/2024
Nitrogen, Nitrate-Nitrite (as N)		0.050		**< 0.050**	0.0090	0	0	-100	100	07/19/2024

Batch R350520 **SampType:** LCS Units **mg/L**
SampID: ICV/LCS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		**0.520**	0.5000	0	104.0	90	110	07/19/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24061962

Client Project: BAL-24Q3 **Report Date:** 12-Aug-24

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

Batch R350520 **SampType:** MS Units **mg/L**
SampID: 24061962-014AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		**0.252**	0.2500	0.02000	92.8	85	115	07/19/2024

Batch R350520 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24061962-014AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		**0.247**	0.2500	0.02000	90.8	0.2520	2.00	07/19/2024

Batch R350520 **SampType:** MS Units **mg/L**
SampID: 24071316-005BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.250		**2.17**	1.250	0.8870	102.3	90	110	07/19/2024

Batch R350520 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24071316-005BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.250		**2.16**	1.250	0.8870	101.8	2.166	0.28	07/19/2024

Batch R350520 **SampType:** MS Units **mg/L**
SampID: 24071605-001BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		**0.283**	0.2500	0.04200	96.4	85	115	07/19/2024

Batch R350520 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24071605-001BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		**0.283**	0.2500	0.04200	96.4	0.2830	0.00	07/19/2024

Batch R350520 **SampType:** MS Units **mg/L**
SampID: 24071605-008BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		**0.238**	0.2500	0	95.2	85	115	07/19/2024

Batch R350520 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24071605-008BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		**0.241**	0.2500	0	96.4	0.2380	1.25	07/19/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24061962

Client Project: BAL-24Q3 **Report Date:** 12-Aug-24

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

Batch R350645 **SampType:** MBLK Units **mg/L**
SampID: ICB/MBLK

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate (as N)		0.050		**< 0.050**						07/23/2024
Nitrogen, Nitrate-Nitrite (as N)		0.050		**< 0.050**	0.0090	0	0	-100	100	07/23/2024

Batch R350645 **SampType:** LCS Units **mg/L**
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		**0.485**	0.5000	0	97.0	90	110	07/23/2024

Batch R350645 **SampType:** MS Units **mg/Kg-dry**
SampID: 24071492-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		70.0		**355**	350.1	25.77	93.9	85	115	07/23/2024

Batch R350645 **SampType:** MSD Units **mg/Kg-dry** RPD Limit **10**
SampID: 24071492-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		70.0		**342**	350.1	25.77	90.2	354.6	3.70	07/23/2024

Batch R350645 **SampType:** MS Units **mg/L**
SampID: 24071826-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.05		**0.25**	0.2500	0	100.4	90	110	07/23/2024

Batch R350645 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24071826-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.05		**0.26**	0.2500	0	102.4	0.2510	1.97	07/23/2024

Batch R350645 **SampType:** MS Units **mg/L**
SampID: 24071835-002BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		2.50		**34.9**	12.50	22.76	96.9	85	115	07/23/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24061962

Client Project: BAL-24Q3 **Report Date:** 12-Aug-24

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

Batch R350645 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24071835-002BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		2.50		**34.7**	12.50	22.76	95.4	34.87	0.53	07/23/2024

SW-846 9036 (DISSOLVED)

Batch R350574 **SampType:** MS Units **mg/L**
SampID: 24071438-001BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		10		**36**	20.00	18.35	88.6	85	115	07/22/2024

Batch R350574 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24071438-001BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		10		**36**	20.00	18.35	85.8	36.07	1.59	07/22/2024

Batch R350671 **SampType:** MS Units **mg/L**
SampID: 24061962-002BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		50		**213**	100.0	113.6	99.4	85	115	07/24/2024

Batch R350671 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24061962-002BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		50		**220**	100.0	113.6	106.0	213.0	3.03	07/24/2024

Batch R350671 **SampType:** MS Units **mg/L**
SampID: 24071605-001BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		10	S	**39**	20.00	14.87	121.3	85	115	07/24/2024

Batch R350671 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24071605-001BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		10	S	**39**	20.00	14.87	120.6	39.12	0.33	07/24/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24061962

Client Project: BAL-24Q3 **Report Date:** 12-Aug-24

SW-846 9036 (DISSOLVED)

Batch R350671 **SampType:** MS Units **mg/L**
SampID: 24071605-003BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		20		**99**	40.00	63.71	89.2	85	115	07/24/2024

Batch R350671 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24071605-003BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		20	E	**102**	40.00	63.71	94.9	99.39	2.27	07/24/2024

Batch R350878 **SampType:** MS Units **mg/L**
SampID: 24071773-005BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		1000		**3400**	2000	1559	92.2	85	115	07/26/2024

Batch R350878 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24071773-005BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		1000		**3410**	2000	1559	92.5	3403	0.17	07/26/2024

Batch R350922 **SampType:** MS Units **mg/L**
SampID: 24061962-008BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		50		**166**	100.0	75.94	89.6	85	115	07/29/2024

Batch R350922 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24061962-008BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		50		**164**	100.0	75.94	88.3	165.5	0.75	07/29/2024

SW-846 9036 (TOTAL)

Batch R350574 **SampType:** MBLK Units **mg/L**
SampID: ICB/MBLK

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		10		**< 10**	6.140	0	0	-100	100	07/22/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24061962

Client Project: BAL-24Q3 **Report Date:** 12-Aug-24

SW-846 9036 (TOTAL)

Batch R350574 **SampType:** LCS Units **mg/L**
SampID: ICV/LCS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		10		**20**	20.00	0	99.7	90	110	07/22/2024

Batch R350574 **SampType:** MS Units **mg/L**
SampID: 24061962-009AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		10		**37**	20.00	17.81	93.7	85	115	07/22/2024

Batch R350574 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24061962-009AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		10	S	**34**	20.00	17.81	82.4	36.55	6.38	07/22/2024

Batch R350574 **SampType:** MS Units **mg/L**
SampID: 24071384-001CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		50		**237**	100.0	140.4	96.7	90	110	07/22/2024

Batch R350574 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24071384-001CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		50		**244**	100.0	140.4	103.3	237.2	2.73	07/22/2024

Batch R350671 **SampType:** MBLK Units **mg/L**
SampID: ICB/MBLK

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		10		**< 10**	6.140	0	0	-100	100	07/24/2024

Batch R350671 **SampType:** LCS Units **mg/L**
SampID: ICV/LCS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		10		**19**	20.00	0	93.0	90	110	07/24/2024

Batch R350671 **SampType:** MS Units **mg/L**
SampID: 24071416-001BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		500		**2230**	1000	1275	95.5	90	110	07/24/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24061962

Client Project: BAL-24Q3 **Report Date:** 12-Aug-24

SW-846 9036 (TOTAL)

Batch R350671 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24071416-001BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		500		**2320**	1000	1275	104.8	2230	4.08	07/24/2024

Batch R350671 **SampType:** MS Units **mg/L**
SampID: 24071423-005BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		20	S	**88**	40.00	42.34	114.9	90	110	07/24/2024

Batch R350671 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24071423-005BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		20		**84**	40.00	42.34	104.4	88.28	4.83	07/24/2024

Batch R350671 **SampType:** MS Units **mg/L**
SampID: 24071772-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		200	S	**824**	400.0	377.6	111.7	90	110	07/24/2024

Batch R350671 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24071772-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		200	S	**828**	400.0	377.6	112.7	824.4	0.46	07/24/2024

Batch R350878 **SampType:** MBLK Units **mg/L**
SampID: ICB/MBLK

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		10		**< 10**	6.140	0	0	-100	100	07/26/2024

Batch R350878 **SampType:** LCS Units **mg/L**
SampID: ICV/LCS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		10		**19**	20.00	0	95.8	90	110	07/26/2024

Batch R350878 **SampType:** MS Units **mg/L**
SampID: 24061962-016AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		100		**388**	200.0	201.3	93.1	85	115	07/26/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24061962

Client Project: BAL-24Q3 **Report Date:** 12-Aug-24

SW-846 9036 (TOTAL)

Batch R350878 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24061962-016AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		100		**397**	200.0	201.3	97.7	387.5	2.35	07/26/2024

Batch R350878 **SampType:** MS Units **mg/L**
SampID: 24061962-020AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		20		**85**	40.00	45.95	98.8	85	115	07/26/2024

Batch R350878 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24061962-020AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		20		**85**	40.00	45.95	97.3	85.45	0.69	07/26/2024

Batch R350878 **SampType:** MS Units **mg/L**
SampID: 24061962-025AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		100	S	**269**	200.0	102.7	83.3	85	115	07/26/2024

Batch R350878 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24061962-025AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		100		**275**	200.0	102.7	85.9	269.4	1.93	07/26/2024

Batch R350878 **SampType:** MS Units **mg/L**
SampID: 24071773-005AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		1000		**3460**	2000	1608	92.4	85	115	07/26/2024

Batch R350878 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24071773-005AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		1000		**3540**	2000	1608	96.5	3455	2.39	07/26/2024

Batch R350878 **SampType:** MS Units **mg/L**
SampID: 24071895-001BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		100		**325**	200.0	142.6	91.1	90	110	07/26/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24061962

Client Project: BAL-24Q3 **Report Date:** 12-Aug-24

SW-846 9036 (TOTAL)

Batch R350878 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24071895-001BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		100	S	**322**	200.0	142.6	89.7	324.8	0.88	07/26/2024

Batch R350922 **SampType:** MBLK Units **mg/L**
SampID: ICB/MBLK

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		10		**< 10**	6.140	0	0	-100	100	07/29/2024

Batch R350922 **SampType:** LCS Units **mg/L**
SampID: ICV/LCS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		10		**19**	20.00	0	94.1	90	110	07/29/2024

Batch R350922 **SampType:** MS Units **mg/L**
SampID: 24071132-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		20	S	**75**	40.00	43.29	79.1	85	115	07/29/2024

Batch R350922 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24071132-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		20		**78**	40.00	43.29	86.6	74.94	3.91	07/29/2024

Batch R350922 **SampType:** MS Units **mg/L**
SampID: 24071132-002AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		10		**37**	20.00	16.61	99.6	85	115	07/29/2024

Batch R350922 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24071132-002AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		10		**36**	20.00	16.61	99.2	36.52	0.22	07/29/2024

Batch R350922 **SampType:** MS Units **mg/L**
SampID: 24071132-010AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		50		**141**	100.0	55.92	85.4	85	115	07/29/2024

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Quality Control Results

Client: Ramboll **Work Order:** 24061962

Client Project: BAL-24Q3 **Report Date:** 12-Aug-24

SW-846 9036 (TOTAL)

Batch R350922 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24071132-010AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		50		**145**	100.0	55.92	89.2	141.4	2.59	07/29/2024

Batch R350922 **SampType:** MS Units **mg/L**
SampID: 24071132-013AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		20		**75**	40.00	36.86	95.0	85	115	07/29/2024

Batch R350922 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24071132-013AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		20		**74**	40.00	36.86	92.2	74.84	1.49	07/29/2024

Batch R350922 **SampType:** MS Units **mg/L**
SampID: 24072345-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		200		**720**	400.0	327.6	98.1	90	110	07/29/2024

Batch R350922 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24072345-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		200		**718**	400.0	327.6	97.7	720.0	0.22	07/29/2024

Batch R350922 **SampType:** MS Units **mg/L**
SampID: 24072346-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		200		**725**	400.0	351.0	93.6	90	110	07/29/2024

Batch R350922 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24072346-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		200	S	**709**	400.0	351.0	89.5	725.4	2.28	07/29/2024

Batch R350996 **SampType:** MBLK Units **mg/L**
SampID: ICB/MBLK

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		10		**< 10**	6.140	0	0	-100	100	07/30/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24061962

Client Project: BAL-24Q3 **Report Date:** 12-Aug-24

SW-846 9036 (TOTAL)

Batch R350996 **SampType:** LCS Units **mg/L**
SampID: ICV/LCS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		10		**19**	20.00	0	93.3	90	110	07/30/2024

Batch R350996 **SampType:** MS Units **mg/L**
SampID: 24071292-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		10		**34**	20.00	16.11	91.2	85	115	07/30/2024

Batch R350996 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24071292-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		10		**36**	20.00	16.11	97.1	34.35	3.38	07/30/2024

Batch R350996 **SampType:** MS Units **mg/L**
SampID: 24072173-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		100		**442**	200.0	260.3	90.7	85	115	07/30/2024

Batch R350996 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24072173-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		100		**452**	200.0	260.3	95.7	441.8	2.24	07/30/2024

Batch R350996 **SampType:** MS Units **mg/L**
SampID: 24072173-006AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		50		**169**	100.0	78.49	90.7	85	115	07/30/2024

Batch R350996 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24072173-006AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		50		**172**	100.0	78.49	93.8	169.2	1.83	07/30/2024

Batch R351041 **SampType:** MBLK Units **mg/L**
SampID: ICB/MBLK

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		10		**< 10**	6.140	0	0	-100	100	07/31/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24061962

Client Project: BAL-24Q3 **Report Date:** 12-Aug-24

SW-846 9036 (TOTAL)

Batch R351041 **SampType:** LCS Units **mg/L**
SampID: ICV/LCS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		10		**19**	20.00	0	95.2	90	110	07/31/2024

Batch R351041 **SampType:** MS Units **mg/L**
SampID: 24072147-003BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		200		**827**	400.0	464.3	90.7	90	110	07/31/2024

Batch R351041 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24072147-003BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		200		**834**	400.0	464.3	92.5	827.1	0.85	07/31/2024

SW-846 9214 (TOTAL)

Batch R350406 **SampType:** MBLK Units **mg/L**
SampID: MBLK

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**< 0.10**	0.0500	0	0	-100	100	07/18/2024

Batch R350406 **SampType:** LCS Units **mg/L**
SampID: LCS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**1.05**	1.000	0	104.9	90	110	07/18/2024

Batch R350406 **SampType:** MS Units **mg/L**
SampID: 24061962-032AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**6.19**	2.000	4.189	100.1	75	125	07/18/2024

Batch R350406 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24061962-032AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**6.22**	2.000	4.189	101.6	6.191	0.50	07/18/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24061962

Client Project: BAL-24Q3 **Report Date:** 12-Aug-24

SW-846 9214 (TOTAL)

Batch R350406 **SampType:** MS Units **mg/L**
SampID: 24061962-046AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**3.74**	2.000	1.649	104.3	75	125	07/18/2024

Batch R350406 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24061962-046AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**3.80**	2.000	1.649	107.6	3.735	1.78	07/18/2024

Batch R350406 **SampType:** MS Units **mg/L**
SampID: 24071352-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**2.34**	2.000	0.4090	96.8	75	125	07/18/2024

Batch R350406 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24071352-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**2.42**	2.000	0.4090	100.8	2.345	3.31	07/18/2024

Batch R350406 **SampType:** MS Units **mg/L**
SampID: 24071438-001BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**2.90**	2.000	0.7960	105.4	75	125	07/18/2024

Batch R350406 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24071438-001BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**2.92**	2.000	0.7960	106.1	2.905	0.45	07/18/2024

Batch R350479 **SampType:** MBLK Units **mg/L**
SampID: MBLK

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**< 0.10**	0.0500	0	0	-100	100	07/19/2024

Batch R350479 **SampType:** LCS Units **mg/L**
SampID: LCS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**1.09**	1.000	0	108.7	90	110	07/19/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24061962

Client Project: BAL-24Q3 **Report Date:** 12-Aug-24

SW-846 9214 (TOTAL)

Batch R350479 **SampType:** MS Units **mg/L**
SampID: 24061962-014AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**2.39**	2.000	0.2300	108.0	75	125	07/19/2024

Batch R350479 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24061962-014AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**2.45**	2.000	0.2300	111.2	2.391	2.56	07/19/2024

Batch R350479 **SampType:** MS Units **mg/L**
SampID: 24061962-024AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**5.45**	2.000	3.126	116.0	75	125	07/19/2024

Batch R350479 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24061962-024AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**5.42**	2.000	3.126	114.7	5.446	0.48	07/19/2024

Batch R350479 **SampType:** MS Units **mg/L**
SampID: 24061962-048AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**2.69**	2.000	0.5340	107.7	75	125	07/19/2024

Batch R350479 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24061962-048AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**2.68**	2.000	0.5340	107.1	2.688	0.45	07/19/2024

Batch R350479 **SampType:** MS Units **mg/L**
SampID: 24071605-008BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**2.38**	2.000	0.2630	106.0	75	125	07/19/2024

Batch R350479 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24071605-008BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**2.13**	2.000	0.2630	93.2	2.382	11.36	07/19/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24061962

Client Project: BAL-24Q3 **Report Date:** 12-Aug-24

SW-846 9214 (TOTAL)

Batch R350534 **SampType:** MBLK Units **mg/L**
SampID: MBLK

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**< 0.10**	0.0500	0	0	-100	100	07/22/2024

Batch R350534 **SampType:** LCS Units **mg/L**
SampID: LCS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**1.06**	1.000	0	106.1	90	110	07/22/2024

Batch R350534 **SampType:** MS Units **mg/L**
SampID: 24061962-031AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**3.56**	2.000	1.460	104.8	75	125	07/22/2024

Batch R350534 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24061962-031AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**3.56**	2.000	1.460	104.8	3.556	0.00	07/22/2024

Batch R350609 **SampType:** MBLK Units **mg/L**
SampID: MBLK

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**< 0.10**	0.0500	0	0	-100	100	07/23/2024

Batch R350609 **SampType:** LCS Units **mg/L**
SampID: LCS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**1.06**	1.000	0	106.0	90	110	07/23/2024

Batch R350609 **SampType:** MS Units **mg/L**
SampID: 24071772-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**2.39**	2.000	0.1960	109.7	75	125	07/23/2024

Batch R350609 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24071772-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**2.28**	2.000	0.1960	104.0	2.389	4.80	07/23/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24061962

Client Project: BAL-24Q3 **Report Date:** 12-Aug-24

SW-846 9214 (TOTAL)

Batch R350609 **SampType:** MS Units **mg/L**
SampID: 24071773-003AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**2.22**	2.000	0.1200	105.0	75	125	07/23/2024

Batch R350609 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24071773-003AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**2.11**	2.000	0.1200	99.6	2.219	4.99	07/23/2024

Batch R350609 **SampType:** MS Units **mg/L**
SampID: 24071773-006BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**2.31**	2.000	0.3530	97.8	75	125	07/23/2024

Batch R350609 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24071773-006BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**2.34**	2.000	0.3530	99.2	2.310	1.20	07/23/2024

Batch R350762 **SampType:** MBLK Units **mg/L**
SampID: MBLK

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**< 0.10**	0.0500	0	0	-100	100	07/25/2024

Batch R350762 **SampType:** LCS Units **mg/L**
SampID: LCS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**1.08**	1.000	0	107.5	90	110	07/25/2024

Batch R350762 **SampType:** MS Units **mg/L**
SampID: 24071132-002AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**2.25**	2.000	0.1980	102.6	75	125	07/25/2024

Batch R350762 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24071132-002AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**2.33**	2.000	0.1980	106.5	2.251	3.36	07/25/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24061962

Client Project: BAL-24Q3 **Report Date:** 12-Aug-24

SW-846 9214 (TOTAL)

Batch R350762 **SampType:** MS Units **mg/L**
SampID: 24071132-011AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**2.35**	2.000	0.2160	106.8	75	125	07/25/2024

Batch R350762 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24071132-011AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**2.31**	2.000	0.2160	104.8	2.353	1.80	07/25/2024

Batch R350762 **SampType:** MS Units **mg/L**
SampID: 24071132-019AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**2.88**	2.000	0.7420	107.2	75	125	07/25/2024

Batch R350762 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24071132-019AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**2.88**	2.000	0.7420	106.7	2.885	0.31	07/25/2024

Batch R350762 **SampType:** MS Units **mg/L**
SampID: 24071292-006AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**2.11**	2.000	0.06500	102.1	75	125	07/25/2024

Batch R350762 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24071292-006AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**2.16**	2.000	0.06500	104.8	2.107	2.53	07/25/2024

Batch R350762 **SampType:** MS Units **mg/L**
SampID: 24071292-009AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**2.08**	2.000	0	103.8	75	125	07/25/2024

Batch R350762 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24071292-009AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**2.11**	2.000	0	105.4	2.076	1.58	07/25/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24061962

Client Project: BAL-24Q3 **Report Date:** 12-Aug-24

SW-846 9214 (TOTAL)

Batch R350762 **SampType:** MS Units **mg/L**
SampID: 24071895-003BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**2.88**	2.000	0.7650	105.8	75	125	07/25/2024

Batch R350762 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24071895-003BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**2.87**	2.000	0.7650	105.3	2.882	0.38	07/25/2024

SW-846 9251 (DISSOLVED)

Batch R350587 **SampType:** MS Units **mg/L**
SampID: 24061962-002BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		4		**33**	20.00	15.42	89.5	85	115	07/22/2024

Batch R350587 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24061962-002BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		4		**33**	20.00	15.42	90.3	33.32	0.48	07/22/2024

Batch R350587 **SampType:** MS Units **mg/L**
SampID: 24071438-001BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		4		**20**	20.00	1.170	95.6	85	115	07/22/2024

Batch R350587 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24071438-001BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		4		**20**	20.00	1.170	94.6	20.28	0.99	07/22/2024

Batch R350677 **SampType:** MS Units **mg/L**
SampID: 24071605-001BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		4		**21**	20.00	1.310	98.2	85	115	07/24/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24061962

Client Project: BAL-24Q3 **Report Date:** 12-Aug-24

SW-846 9251 (DISSOLVED)

Batch R350677 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24071605-001BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		4		**21**	20.00	1.310	97.7	20.95	0.48	07/24/2024

Batch R350677 **SampType:** MS Units **mg/L**
SampID: 24071605-003BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		4		**23**	20.00	3.270	97.3	85	115	07/24/2024

Batch R350677 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24071605-003BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		4		**23**	20.00	3.270	97.0	22.72	0.26	07/24/2024

Batch R350886 **SampType:** MS Units **mg/L**
SampID: 24061962-008BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		4		**35**	20.00	16.31	92.1	85	115	07/26/2024

Batch R350886 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24061962-008BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		4		**35**	20.00	16.31	92.0	34.73	0.03	07/26/2024

Batch R350886 **SampType:** MS Units **mg/L**
SampID: 24071773-005BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		40	E	**525**	200.0	333.7	95.8	85	115	07/26/2024

Batch R350886 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24071773-005BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		40	E	**517**	200.0	333.7	91.8	525.2	1.52	07/26/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24061962

Client Project: BAL-24Q3 **Report Date:** 12-Aug-24

SW-846 9251 (TOTAL)

Batch R350587 **SampType:** MBLK Units **mg/L**
SampID: ICB/MBLK

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		4		**< 4**	0.5000	0	0	-100	100	07/22/2024

Batch R350587 **SampType:** LCS Units **mg/L**
SampID: ICV/LCS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		4		**20**	20.00	0	101.6	90	110	07/22/2024

Batch R350587 **SampType:** MS Units **mg/L**
SampID: 24061962-009AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		4		**38**	20.00	20.03	88.4	85	115	07/22/2024

Batch R350587 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24061962-009AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		4		**38**	20.00	20.03	89.3	37.70	0.50	07/22/2024

Batch R350587 **SampType:** MS Units **mg/L**
SampID: 24071247-002AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		40		**297**	200.0	115.3	90.6	85	115	07/22/2024

Batch R350587 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24071247-002AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		40		**295**	200.0	115.3	89.9	296.6	0.48	07/22/2024

Batch R350587 **SampType:** MS Units **mg/L**
SampID: 24071384-001CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		20		**152**	100.0	57.80	94.0	85	115	07/22/2024

Batch R350587 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24071384-001CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		20		**152**	100.0	57.80	93.9	151.8	0.03	07/22/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24061962

Client Project: BAL-24Q3 **Report Date:** 12-Aug-24

SW-846 9251 (TOTAL)

Batch R350587 **SampType:** MS Units **mg/L**
SampID: 24071417-001CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		20		**181**	100.0	91.31	90.1	85	115	07/22/2024

Batch R350587 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24071417-001CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		20		**183**	100.0	91.31	92.1	181.4	1.10	07/22/2024

Batch R350587 **SampType:** MS Units **mg/L**
SampID: 24071423-001BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		20		**174**	100.0	86.08	87.6	85	115	07/22/2024

Batch R350587 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24071423-001BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		20		**174**	100.0	86.08	88.1	173.7	0.32	07/22/2024

Batch R350677 **SampType:** MBLK Units **mg/L**
SampID: ICB/MBLK

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		4		**< 4**	0.5000	0	0	-100	100	07/24/2024

Batch R350677 **SampType:** LCS Units **mg/L**
SampID: ICV/LCS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		4		**19**	20.00	0	96.7	90	110	07/24/2024

Batch R350677 **SampType:** MS Units **mg/L**
SampID: 24071416-001BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		80		**749**	400.0	397.0	87.9	85	115	07/24/2024

Batch R350677 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24071416-001BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		80		**743**	400.0	397.0	86.5	748.8	0.78	07/24/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24061962

Client Project: BAL-24Q3 **Report Date:** 12-Aug-24

SW-846 9251 (TOTAL)

Batch R350677 **SampType:** MS Units **mg/L**
SampID: 24071772-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		4		**27**	20.00	8.180	93.9	85	115	07/24/2024

Batch R350677 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24071772-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		4		**27**	20.00	8.180	93.3	26.96	0.45	07/24/2024

Batch R350886 **SampType:** MBLK Units **mg/L**
SampID: ICB/MBLK

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		4		**< 4**	0.5000	0	0	-100	100	07/26/2024

Batch R350886 **SampType:** LCS Units **mg/L**
SampID: ICV/LCS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		4		**20**	20.00	0	98.0	90	110	07/26/2024

Batch R350886 **SampType:** MS Units **mg/L**
SampID: 24061962-016AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		20	E	**267**	100.0	168.7	98.2	85	115	07/26/2024

Batch R350886 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24061962-016AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		20	E	**261**	100.0	168.7	92.6	266.9	2.12	07/26/2024

Batch R350886 **SampType:** MS Units **mg/L**
SampID: 24061962-020AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		4		**49**	20.00	30.94	91.8	85	115	07/26/2024

Batch R350886 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24061962-020AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		4		**49**	20.00	30.94	90.4	49.31	0.57	07/26/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24061962

Client Project: BAL-24Q3 **Report Date:** 12-Aug-24

SW-846 9251 (TOTAL)

Batch R350886 **SampType:** MS Units **mg/L**
SampID: 24061962-025AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		40		**275**	200.0	85.74	94.6	85	115	07/26/2024

Batch R350886 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24061962-025AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		40		**275**	200.0	85.74	94.6	275.0	0.04	07/26/2024

Batch R350942 **SampType:** MBLK Units **mg/L**
SampID: ICB/MBLK

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		4		**< 4**	0.5000	0	0	-100	100	07/29/2024

Batch R350942 **SampType:** LCS Units **mg/L**
SampID: ICV/LCS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		4		**20**	20.00	0	98.2	90	110	07/29/2024

Batch R350942 **SampType:** MS Units **mg/L**
SampID: 24071132-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		4		**33**	20.00	14.64	91.7	85	115	07/29/2024

Batch R350942 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24071132-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		4		**33**	20.00	14.64	90.4	32.97	0.79	07/29/2024

Batch R350942 **SampType:** MS Units **mg/L**
SampID: 24071132-002AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		4		**37**	20.00	19.34	90.2	85	115	07/29/2024

Batch R350942 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24071132-002AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		4		**37**	20.00	19.34	88.4	37.39	0.97	07/29/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24061962

Client Project: BAL-24Q3 **Report Date:** 12-Aug-24

SW-846 9251 (TOTAL)

Batch R350942 **SampType:** MS Units **mg/L**
SampID: 24071132-013AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		8	E	**123**	40.00	84.65	95.8	85	115	07/29/2024

Batch R350942 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24071132-013AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		8	E	**121**	40.00	84.65	91.7	123.0	1.34	07/29/2024

Batch R350942 **SampType:** MS Units **mg/L**
SampID: 24071773-005AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		80		**668**	400.0	315.5	88.1	85	115	07/29/2024

Batch R350942 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24071773-005AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		80		**676**	400.0	315.5	90.0	667.9	1.16	07/29/2024

Batch R350942 **SampType:** MS Units **mg/L**
SampID: 24071875-002AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		40		**363**	200.0	188.6	87.3	85	115	07/29/2024

Batch R350942 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24071875-002AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		40		**364**	200.0	188.6	87.5	363.1	0.13	07/29/2024

Batch R350942 **SampType:** MS Units **mg/L**
SampID: 24072346-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		4		**27**	20.00	8.420	95.0	85	115	07/29/2024

Batch R350942 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24072346-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		4		**27**	20.00	8.420	95.2	27.41	0.15	07/29/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24061962

Client Project: BAL-24Q3 **Report Date:** 12-Aug-24

SW-846 9251 (TOTAL)

Batch R351030 **SampType:** MBLK Units **mg/L**
SampID: ICB/MBLK

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		4		**< 4**	0.5000	0	0	-100	100	07/30/2024

Batch R351030 **SampType:** LCS Units **mg/L**
SampID: ICV/LCS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		4		**20**	20.00	0	97.8	90	110	07/30/2024

Batch R351030 **SampType:** MS Units **mg/L**
SampID: 24071132-010AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		4		**22**	20.00	2.870	97.0	85	115	07/30/2024

Batch R351030 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24071132-010AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		4		**22**	20.00	2.870	96.5	22.27	0.50	07/30/2024

Batch R351030 **SampType:** MS Units **mg/L**
SampID: 24071292-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		4		**36**	20.00	18.52	88.0	85	115	07/30/2024

Batch R351030 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24071292-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		4		**37**	20.00	18.52	90.0	36.12	1.07	07/30/2024

Batch R351030 **SampType:** MS Units **mg/L**
SampID: 24072147-003BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		40	E	**686**	200.0	486.4	100.0	85	115	07/30/2024

Batch R351030 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24072147-003BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		40	E	**695**	200.0	486.4	104.1	686.4	1.18	07/30/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24061962

Client Project: BAL-24Q3 **Report Date:** 12-Aug-24

SW-846 9251 (TOTAL)

Batch R351044 **SampType:** MBLK Units **mg/L**
SampID: ICB/MBLK

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		4		**< 4**	0.5000	0	0	-100	100	07/31/2024

Batch R351044 **SampType:** MBLK Units **mg/Kg**
SampID: MBLK-240730-2

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride	*	40		**< 40**	0.5000	0	0	-100	100	07/31/2024

Batch R351044 **SampType:** LCS Units **mg/L**
SampID: ICV/LCS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		4		**20**	20.00	0	99.4	90	110	07/31/2024

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

Batch 225880 **SampType:** MBLK Units **mg/L**
SampID: MBLK-225880

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		**< 0.100**	0.0350	0	0	-100	100	07/19/2024
Magnesium		0.0500		**< 0.0500**	0.0055	0	0	-100	100	07/19/2024
Potassium		0.100		**< 0.100**	0.0400	0	0	-100	100	07/19/2024
Sodium		0.0500		**< 0.0500**	0.0180	0	0	-100	100	07/19/2024

Batch 225880 **SampType:** LCS Units **mg/L**
SampID: LCS-225880

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		**2.45**	2.500	0	97.9	85	115	07/19/2024
Magnesium		0.0500		**2.36**	2.500	0	94.3	85	115	07/24/2024
Potassium		0.100		**2.66**	2.500	0	106.3	85	115	07/19/2024
Sodium		0.0500		**2.52**	2.500	0	100.8	85	115	07/19/2024

Batch 225880 **SampType:** MS Units **mg/L**
SampID: 24061962-009BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		**65.4**	2.500	62.25	124.4	75	125	07/19/2024
Magnesium		0.0500		**29.1**	2.500	26.64	100.2	75	125	07/19/2024
Potassium		0.100		**3.09**	2.500	0.5015	103.7	75	125	07/19/2024
Sodium		0.0500		**51.0**	2.500	48.74	91.2	75	125	07/19/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24061962

Client Project: BAL-24Q3 **Report Date:** 12-Aug-24

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

Batch 225880 **SampType:** MSD Units **mg/L** RPD Limit **20**

SampID: 24061962-009BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Calcium		0.100		**65.4**	2.500	62.25	124.8	65.36	0.02	07/19/2024
Magnesium		0.0500		**29.3**	2.500	26.64	106.4	29.14	0.52	07/19/2024
Potassium		0.100		**3.08**	2.500	0.5015	103.1	3.093	0.43	07/19/2024
Sodium		0.0500		**51.1**	2.500	48.74	92.8	51.02	0.08	07/19/2024

Batch 225880 **SampType:** MS Units **mg/L**

SampID: 24061962-032BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		**26.3**	2.500	23.31	120.4	75	125	07/19/2024
Magnesium		1.00		**18.1**	2.500	15.66	99.5	75	125	07/24/2024
Potassium		0.100		**7.10**	2.500	4.429	106.7	75	125	07/19/2024
Sodium		1.00	S	**679**	2.500	668.6	400.0	75	125	07/24/2024

Batch 225880 **SampType:** MSD Units **mg/L** RPD Limit **20**

SampID: 24061962-032BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Calcium		0.100		**25.3**	2.500	23.31	78.4	26.32	4.07	07/19/2024
Magnesium		1.00		**17.7**	2.500	15.66	80.7	18.15	2.62	07/24/2024
Potassium		0.100		**7.13**	2.500	4.429	108.1	7.097	0.47	07/19/2024
Sodium		1.00	S	**660**	2.500	668.6	-344.0	678.6	2.78	07/24/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24061962

Client Project: BAL-24Q3 **Report Date:** 12-Aug-24

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

Batch 225932 **SampType:** MBLK Units **mg/L**

SampID: MBLK-225932

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		**< 0.100**	0.0350	0	0	-100	100	07/22/2024
Chromium		0.0050		**< 0.0050**	0.0028	0	0	-100	100	07/22/2024
Cobalt		0.0050		**< 0.0050**	0.0020	0	0	-100	100	07/22/2024
Iron		0.0400		**< 0.0400**	0.0200	0	0	-100	100	07/22/2024
Lead		0.0150		**< 0.0150**	0.0014	0	0	-100	100	07/22/2024
Lithium		0.0500		**< 0.0500**	0.0019	0	0	-100	100	07/22/2024
Magnesium		0.0500		**< 0.0500**	0.0055	0	0	-100	100	07/22/2024
Manganese		0.0070		**< 0.0070**	0.0025	0	0	-100	100	07/22/2024
Molybdenum		0.0100		**< 0.0100**	0.0037	0	0	-100	100	07/22/2024
Potassium		0.100		**< 0.100**	0.0400	0	0	-100	100	07/22/2024
Selenium		0.0400		**< 0.0400**	0.0170	0	0	-100	100	07/22/2024
Sodium		0.0500		**< 0.0500**	0.0180	0	0	-100	100	07/22/2024
Thallium		0.0500		**< 0.0500**	0.0111	0	0	-100	100	07/22/2024

Batch 225932 **SampType:** LCS Units **mg/L**

SampID: LCS-225932

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

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24061962

Client Project: BAL-24Q3 **Report Date:** 12-Aug-24

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

Batch 225932 **SampType:** MS Units **mg/L**

SampID: 24061962-026BMS

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

Batch 225932 **SampType:** MSD Units **mg/L** RPD Limit **20**

SampID: 24061962-026BMSD

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

Batch 225998 **SampType:** MBLK Units **mg/L**

SampID: MBLK-225998

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

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24061962

Client Project: BAL-24Q3 **Report Date:** 12-Aug-24

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

Batch 225998 **SampType:** LCS Units **mg/L**

SampID: LCS-225998

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

Batch 225998 **SampType:** MS Units **mg/L**

SampID: 24071547-002AMS

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

Batch 225998 **SampType:** MSD Units **mg/L** RPD Limit **20**

SampID: 24071547-002AMSD

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

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24061962

Client Project: BAL-24Q3 **Report Date:** 12-Aug-24

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

Batch 226025 **SampType:** MBLK Units **mg/L**

SampID: MBLK-226025

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

Batch 226025 **SampType:** LCS Units **mg/L**

SampID: LCS-226025

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

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24061962

Client Project: BAL-24Q3 **Report Date:** 12-Aug-24

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

Batch 226025 **SampType:** MS Units **mg/L**
SampID: 24061962-044BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100	S	**84.7**	2.500	83.92	32.8	75	125	07/23/2024
Magnesium		0.0500		**22.8**	2.500	20.82	78.9	75	125	07/23/2024
Potassium		1.00		**26.5**	2.500	24.44	82.4	75	125	07/25/2024
Sodium		0.0500	S	**48.0**	2.500	46.87	45.6	75	125	07/23/2024

Batch 226025 **SampType:** MSD Units **mg/L** RPD Limit **20**
SampID: 24061962-044BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Calcium		0.100	S	**84.0**	2.500	83.92	5.2	84.74	0.82	07/23/2024
Magnesium		0.0500	S	**22.6**	2.500	20.82	70.3	22.80	0.95	07/23/2024
Potassium		1.00		**26.9**	2.500	24.44	99.2	26.50	1.57	07/25/2024
Sodium		0.0500	S	**47.8**	2.500	46.87	37.6	48.01	0.42	07/23/2024

Batch 226068 **SampType:** MBLK Units **mg/L**
SampID: MBLK-226068

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		**< 0.100**	0.0350	0	0	-100	100	07/24/2024
Calcium		0.100		**< 0.100**	0.0350	0	0	-100	100	07/26/2024
Magnesium		0.0500		**< 0.0500**	0.0055	0	0	-100	100	07/24/2024
Potassium		0.100		**< 0.100**	0.0400	0	0	-100	100	07/26/2024
Potassium		0.100		**< 0.100**	0.0400	0	0	-100	100	07/24/2024
Sodium		0.0500		**< 0.0500**	0.0180	0	0	-100	100	07/26/2024
Sodium		0.0500		**< 0.0500**	0.0180	0	0	-100	100	07/24/2024

Batch 226068 **SampType:** LCS Units **mg/L**
SampID: LCS-226068

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

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24061962

Client Project: BAL-24Q3 **Report Date:** 12-Aug-24

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

Batch 226068 **SampType:** MS Units **mg/L**
SampID: 24061962-015CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100	S	**174**	2.500	170.3	155.6	75	125	07/25/2024
Magnesium		0.0500		**70.6**	2.500	67.62	119.7	75	125	07/25/2024
Potassium		0.100		**8.12**	2.500	5.300	112.8	75	125	07/25/2024
Sodium		0.0500	S	**91.5**	2.500	87.62	154.4	75	125	07/25/2024

Batch 226068 **SampType:** MSD Units **mg/L** RPD Limit **20**
SampID: 24061962-015CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Calcium		0.100	S	**171**	2.500	170.3	37.2	174.2	1.71	07/25/2024
Magnesium		0.0500		**69.7**	2.500	67.62	81.8	70.61	1.35	07/25/2024
Potassium		0.100		**7.96**	2.500	5.300	106.3	8.120	2.02	07/25/2024
Sodium		0.0500		**90.0**	2.500	87.62	96.0	91.48	1.61	07/25/2024

Batch 226078 **SampType:** MBLK Units **mg/L**
SampID: MBLK-226078

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		**< 0.100**	0.0350	0	0	-100	100	07/24/2024
Magnesium		0.0500		**< 0.0500**	0.0055	0	0	-100	100	07/24/2024
Potassium		0.100		**< 0.100**	0.0400	0	0	-100	100	07/24/2024
Sodium		0.0500		**< 0.0500**	0.0180	0	0	-100	100	07/24/2024

Batch 226078 **SampType:** LCS Units **mg/L**
SampID: LCS-226078

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		**2.41**	2.500	0	96.6	85	115	07/24/2024
Magnesium		0.0500		**2.36**	2.500	0	94.6	85	115	07/24/2024
Potassium		0.100		**2.67**	2.500	0	106.7	85	115	07/24/2024
Sodium		0.0500		**2.48**	2.500	0	99.2	85	115	07/24/2024

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

Batch 225931 **SampType:** MBLK Units **mg/L**
SampID: MBLK-225931

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Boron		0.0250		**< 0.0250**	0.0093	0	0	-100	100	07/19/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24061962

Client Project: BAL-24Q3 **Report Date:** 12-Aug-24

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

Batch 225931 **SampType:** LCS Units **mg/L**
SampID: LCS-225931

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Boron		0.0250		**0.461**	0.5000	0	92.3	80	120	07/19/2024

Batch 225931 **SampType:** MS Units **mg/L**
SampID: 24061962-002DMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Boron		0.0250		**0.660**	0.5000	0.1840	95.2	75	125	07/19/2024

Batch 225931 **SampType:** MSD Units **mg/L** RPD Limit **20**
SampID: 24061962-002DMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Boron		0.0250		**0.630**	0.5000	0.1840	89.2	0.6602	4.65	07/19/2024

Batch 225949 **SampType:** MBLK Units **mg/L**
SampID: MBLK-225949

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Boron		0.0250		**< 0.0250**	0.0093	0	0	-100	100	07/22/2024
Iron		0.0250		**< 0.0250**	0.0115	0	0	-100	100	07/23/2024
Manganese		0.0020		**< 0.0020**	0.0008	0	0	-100	100	07/22/2024

Batch 225949 **SampType:** LCS Units **mg/L**
SampID: LCS-225949

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Boron		0.0250		**0.414**	0.5000	0	82.9	80	120	07/22/2024
Iron		0.0250		**1.98**	2.000	0	98.9	80	120	07/23/2024
Manganese		0.0020		**0.422**	0.5000	0	84.5	80	120	07/22/2024

Batch 225949 **SampType:** MS Units **mg/L**
SampID: 24061962-006DMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Boron		0.0250		**0.483**	0.5000	0.03567	89.4	75	125	07/22/2024

Batch 225949 **SampType:** MSD Units **mg/L** RPD Limit **20**
SampID: 24061962-006DMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Boron		0.0250		**0.472**	0.5000	0.03567	87.3	0.4826	2.17	07/22/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24061962

Client Project: BAL-24Q3 **Report Date:** 12-Aug-24

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

Batch 225989 **SampType:** MBLK Units **mg/L**
SampID: MBLK-225989

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Boron		0.0250		**< 0.0250**	0.0093	0	0	-100	100	07/23/2024
Iron		0.0250		**< 0.0250**	0.0115	0	0	-100	100	07/23/2024
Manganese		0.0020		**< 0.0020**	0.0008	0	0	-100	100	07/23/2024

Batch 225989 **SampType:** LCS Units **mg/L**
SampID: LCS-225989

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Boron		0.0250		**0.478**	0.5000	0	95.5	80	120	07/23/2024
Iron		0.0250		**2.13**	2.000	0	106.6	80	120	07/23/2024
Manganese		0.0020		**0.479**	0.5000	0	95.9	80	120	07/23/2024

Batch 225989 **SampType:** MS Units **mg/L**
SampID: 24061962-013CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Iron		0.0250		**2.02**	2.000	0.01413	100.2	75	125	07/23/2024
Manganese		0.0020		**0.483**	0.5000	0.04146	88.3	75	125	07/23/2024

Batch 225989 **SampType:** MSD Units **mg/L** RPD Limit **20**
SampID: 24061962-013CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Iron		0.0250		**2.05**	2.000	0.01413	101.9	2.017	1.73	07/23/2024
Manganese		0.0020		**0.487**	0.5000	0.04146	89.1	0.4828	0.80	07/23/2024

Batch 226024 **SampType:** MBLK Units **mg/L**
SampID: MBLK-226024

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Iron		0.0250		**< 0.0250**	0.0115	0	0	-100	100	07/23/2024
Manganese		0.0020		**< 0.0020**	0.0008	0	0	-100	100	07/23/2024

Batch 226024 **SampType:** LCS Units **mg/L**
SampID: LCS-226024

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Iron		0.0250		**2.12**	2.000	0	106.2	80	120	07/23/2024
Manganese		0.0020		**0.471**	0.5000	0	94.1	80	120	07/23/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24061962

Client Project: BAL-24Q3 **Report Date:** 12-Aug-24

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

Batch 226024 **SampType:** MS Units **mg/L**
SampID: 24061962-049CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Iron		0.0250		**2.00**	2.000	0	99.9	75	125	07/23/2024
Manganese		0.0020		**0.488**	0.5000	0.01949	93.8	75	125	07/23/2024

Batch 226024 **SampType:** MSD Units **mg/L** RPD Limit **20**
SampID: 24061962-049CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Iron		0.0250		**2.04**	2.000	0	102.1	1.998	2.11	07/23/2024
Manganese		0.0020		**0.480**	0.5000	0.01949	92.2	0.4883	1.62	07/23/2024

Batch 226086 **SampType:** MBLK Units **mg/L**
SampID: MBLK-226086

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Boron		0.0250		**< 0.0250**	0.0093	0	0	-100	100	07/26/2024
Iron		0.0250		**< 0.0250**	0.0115	0	0	-100	100	07/25/2024
Manganese		0.0020		**< 0.0020**	0.0008	0	0	-100	100	07/25/2024

Batch 226086 **SampType:** LCS Units **mg/L**
SampID: LCS-226086

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Boron		0.0250		**0.438**	0.5000	0	87.5	80	120	07/26/2024
Iron		0.0250		**1.87**	2.000	0	93.7	80	120	07/26/2024
Manganese		0.0020		**0.505**	0.5000	0	101.1	80	120	07/25/2024

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

Batch 225814 **SampType:** MBLK Units **mg/L**
SampID: MBLK-225814

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

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24061962

Client Project: BAL-24Q3 **Report Date:** 12-Aug-24

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

Batch 225814 **SampType:** LCS Units **mg/L**

SampID: LCS-225814

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

Batch 225814 **SampType:** MS Units **mg/L**

SampID: 24061962-007CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Iron		0.0250		**2.83**	2.000	0.7992	101.4	75	125	07/24/2024
Manganese		0.0020		**0.534**	0.5000	0.02682	101.4	75	125	07/24/2024

Batch 225814 **SampType:** MSD Units **mg/L** RPD Limit **20**

SampID: 24061962-007CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Iron		0.0250		**2.81**	2.000	0.7992	100.8	2.827	0.44	07/24/2024
Manganese		0.0020		**0.537**	0.5000	0.02682	102.1	0.5339	0.63	07/24/2024

Batch 225814 **SampType:** MS Units **mg/L**

SampID: 24071772-001CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		0.0010		**0.521**	0.5000	0.001289	103.9	70	130	07/24/2024
Selenium		0.0010		**0.479**	0.5000	0	95.9	70	130	07/24/2024
Thallium		0.0020		**0.240**	0.2500	0	96.0	70	130	07/24/2024

Batch 225814 **SampType:** MSD Units **mg/L** RPD Limit **20**

SampID: 24071772-001CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Antimony		0.0010		**0.526**	0.5000	0.001289	105.0	0.5207	1.02	07/24/2024
Selenium		0.0010		**0.503**	0.5000	0	100.6	0.4793	4.87	07/24/2024
Thallium		0.0020		**0.210**	0.2500	0	83.9	0.2401	13.49	07/24/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24061962

Client Project: BAL-24Q3 **Report Date:** 12-Aug-24

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

Batch 225880 **SampType:** MBLK Units **mg/L**

SampID: MBLK-225880

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

Batch 225880 **SampType:** LCS Units **mg/L**

SampID: LCS-225880

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

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24061962

Client Project: BAL-24Q3 **Report Date:** 12-Aug-24

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

Batch 225880 **SampType:** MS Units **mg/L**

SampID: 24061962-009BMS

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

Batch 225880 **SampType:** MSD Units **mg/L** RPD Limit **20**

SampID: 24061962-009BMSD

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

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24061962

Client Project: BAL-24Q3 **Report Date:** 12-Aug-24

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

Batch 225880 **SampType:** MS Units **mg/L**

SampID: 24061962-032BMS

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

Batch 225880 **SampType:** MSD Units **mg/L** RPD Limit **20**

SampID: 24061962-032BMSD

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

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24061962

Client Project: BAL-24Q3 **Report Date:** 12-Aug-24

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

Batch 225932 **SampType:** MBLK Units **mg/L**

SampID: MBLK-225932

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

Batch 225932 **SampType:** LCS Units **mg/L**

SampID: LCS-225932

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

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24061962

Client Project: BAL-24Q3 **Report Date:** 12-Aug-24

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

Batch 225932 **SampType:** MS Units **mg/L**

SampID: 24061962-026BMS

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

Batch 225932 **SampType:** MSD Units **mg/L** RPD Limit **20**

SampID: 24061962-026BMSD

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

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24061962

Client Project: BAL-24Q3 **Report Date:** 12-Aug-24

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

Batch 225998 **SampType:** MBLK Units **mg/L**

SampID: MBLK-225998

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

Batch 225998 **SampType:** LCS Units **mg/L**

SampID: LCS-225998

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

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24061962

Client Project: BAL-24Q3 **Report Date:** 12-Aug-24

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

Batch 225998 **SampType:** MS Units **mg/L**
SampID: 24071547-002AMS

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

Batch 225998 **SampType:** MSD Units **mg/L** RPD Limit **20**
SampID: 24071547-002AMSD

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

Batch 225998 **SampType:** MS Units **mg/L**
SampID: 24071644-003AMS

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

Batch 225998 **SampType:** MSD Units **mg/L** RPD Limit **20**
SampID: 24071644-003AMSD

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

Batch 226025 **SampType:** MBLK Units **mg/L**
SampID: MBLK-226025

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

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24061962

Client Project: BAL-24Q3 **Report Date:** 12-Aug-24

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

Batch 226025 **SampType:** LCS Units **mg/L**

SampID: LCS-226025

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

Batch 226025 **SampType:** MS Units **mg/L**

SampID: 24061962-044BMS

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

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24061962

Client Project: BAL-24Q3 **Report Date:** 12-Aug-24

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

Batch 226025 **SampType:** MSD Units **mg/L** RPD Limit **20**

SampID: 24061962-044BMSD

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

Batch 226025 **SampType:** MS Units **mg/L**

SampID: 24071773-006DMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		0.0010		**0.562**	0.5000	0.0007643	112.2	75	125	07/25/2024
Arsenic		0.0010		**0.586**	0.5000	0.03279	110.6	75	125	07/24/2024
Lithium	*	0.0030		**0.583**	0.5000	0.08986	98.5	75	125	07/24/2024
Thallium		0.0020		**0.245**	0.2500	0	98.2	75	125	07/24/2024

Batch 226025 **SampType:** MSD Units **mg/L** RPD Limit **20**

SampID: 24071773-006DMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Antimony		0.0010		**0.572**	0.5000	0.0007643	114.3	0.5616	1.88	07/25/2024
Arsenic		0.0010		**0.624**	0.5000	0.03279	118.3	0.5860	6.29	07/24/2024
Lithium	*	0.0030		**0.591**	0.5000	0.08986	100.2	0.5826	1.43	07/24/2024
Thallium		0.0020		**0.243**	0.2500	0	97.1	0.2454	1.12	07/24/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24061962

Client Project: BAL-24Q3 **Report Date:** 12-Aug-24

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

Batch 226068 **SampType:** MBLK Units **mg/L**

SampID: MBLK-226068

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

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24061962

Client Project: BAL-24Q3 **Report Date:** 12-Aug-24

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

Batch 226068 **SampType:** LCS Units **mg/L**

SampID: LCS-226068

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

Batch 226068 **SampType:** MS Units **mg/L**

SampID: 24061962-015CMS

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

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24061962

Client Project: BAL-24Q3 **Report Date:** 12-Aug-24

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

Batch 226068 **SampType:** MSD Units **mg/L** RPD Limit **20**

SampID: 24061962-015CMSD

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

Batch 226078 **SampType:** MBLK Units **mg/L**

SampID: MBLK-226078

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

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24061962

Client Project: BAL-24Q3 **Report Date:** 12-Aug-24

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

Batch 226078 **SampType:** LCS Units **mg/L**

SampID: LCS-226078

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

Batch 226078 **SampType:** MS Units **mg/L**

SampID: 24061962-019CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Iron		0.0250		**2.30**	2.000	0.1626	106.8	75	125	07/25/2024
Manganese		0.0020		**0.542**	0.5000	0.06245	96.0	75	125	07/25/2024

Batch 226078 **SampType:** MSD Units **mg/L** RPD Limit **20**

SampID: 24061962-019CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Iron		0.0250		**2.31**	2.000	0.1626	107.5	2.299	0.54	07/25/2024
Manganese		0.0020		**0.561**	0.5000	0.06245	99.7	0.5422	3.42	07/25/2024

Batch 226553 **SampType:** MBLK Units **mg/L**

SampID: MBLK-226553

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Arsenic		0.0010		**< 0.0010**	0.0004	0	0	-100	100	08/05/2024
Boron	*	0.0250		**< 0.0250**	0.0093	0	0	-100	100	08/05/2024
Selenium		0.0010		**< 0.0010**	0.0006	0	0	-100	100	08/05/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24061962

Client Project: BAL-24Q3 **Report Date:** 12-Aug-24

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

Batch 226553 **SampType:** LCS Units **mg/L**
SampID: LCS-226553

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Arsenic		0.0010		**0.503**	0.5000	0	100.6	85	115	08/05/2024
Boron	*	0.0250		**0.465**	0.5000	0	93.1	85	115	08/05/2024
Selenium		0.0010		**0.520**	0.5000	0	103.9	85	115	08/05/2024

SW-846 7470A (TOTAL)

Batch 225881 **SampType:** MBLK Units **mg/L**
SampID: MBLK-225881

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.00020		**< 0.00020**	0.0001	0	0	-100	100	07/19/2024

Batch 225881 **SampType:** LCS Units **mg/L**
SampID: LCS-225881

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.00020		**0.00482**	0.0050	0	96.4	85	115	07/19/2024

Batch 225881 **SampType:** MS Units **mg/L**
SampID: 24061962-009BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.00020		**0.00470**	0.0050	0	94.0	75	125	07/19/2024

Batch 225881 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24061962-009BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury		0.00020		**0.00467**	0.0050	0	93.4	0.004699	0.58	07/19/2024

Batch 225881 **SampType:** MS Units **mg/L**
SampID: 24061962-040BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.00020		**0.00481**	0.0050	0	96.1	75	125	07/19/2024

Batch 225881 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24061962-040BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury		0.00020		**0.00486**	0.0050	0	97.1	0.004806	1.03	07/19/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24061962

Client Project: BAL-24Q3 **Report Date:** 12-Aug-24

SW-846 7470A (TOTAL)

Batch 225937 **SampType:** MBLK Units **mg/L**
SampID: MBLK-225937

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.00020		**< 0.00020**	0.0001	0	0	-100	100	07/22/2024

Batch 225937 **SampType:** MS Units **mg/L**
SampID: 24061962-022BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.00020		**0.00441**	0.0050	0	88.2	75	125	07/22/2024

Batch 225937 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24061962-022BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury		0.00020		**0.00454**	0.0050	0	90.7	0.004410	2.84	07/22/2024

Batch 225937 **SampType:** MS Units **mg/L**
SampID: 24061962-048BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.00020		**0.00438**	0.0050	0	87.7	75	125	07/22/2024

Batch 225937 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24061962-048BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury		0.00020		**0.00459**	0.0050	0	91.8	0.004384	4.60	07/22/2024

Batch 225987 **SampType:** MBLK Units **mg/L**
SampID: MBLK-225987

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.00020		**< 0.00020**	0.0001	0	0	-100	100	07/23/2024

Batch 225987 **SampType:** LCS Units **mg/L**
SampID: LCS-225987

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.00020		**0.00479**	0.0050	0	95.9	85	115	07/23/2024

Batch 225987 **SampType:** MS Units **mg/L**
SampID: 24061962-013BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.00020		**0.00485**	0.0050	0	97.1	75	125	07/23/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24061962

Client Project: BAL-24Q3 **Report Date:** 12-Aug-24

SW-846 7470A (TOTAL)

Batch 225987 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24061962-013BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury		0.00020		**0.00472**	0.0050	0	94.4	0.004853	2.81	07/23/2024

Batch 226026 **SampType:** MBLK Units **mg/L**
SampID: MBLK-226026

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.00020		**< 0.00020**	0.0001	0	0	-100	100	07/23/2024

Batch 226026 **SampType:** LCS Units **mg/L**
SampID: LCS-226026

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.00020		**0.00447**	0.0050	0	89.4	85	115	07/23/2024

Batch 226026 **SampType:** MS Units **mg/L**
SampID: 24061962-049BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.00020		**0.00467**	0.0050	0	93.3	75	125	07/23/2024

Batch 226026 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24061962-049BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury		0.00020		**0.00462**	0.0050	0	92.4	0.004667	0.99	07/23/2024

Batch 226026 **SampType:** MS Units **mg/L**
SampID: 24071717-018BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.00020		**0.00467**	0.0050	0	93.3	75	125	07/23/2024

Batch 226026 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24071717-018BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury		0.00020		**0.00475**	0.0050	0	95.1	0.004665	1.90	07/23/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24061962

Client Project: BAL-24Q3 **Report Date:** 12-Aug-24

SW-846 7470A (TOTAL)

Batch 226132 **SampType:** MBLK Units **mg/L**
SampID: MBLK-226132

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.00020		**< 0.00020**	0.0001	0	0	-100	100	07/29/2024
Mercury		0.00020		**< 0.00020**	0.0001	0	0	-100	100	07/26/2024

Batch 226132 **SampType:** LCS Units **mg/L**
SampID: LCS-226132

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.00020		**0.00561**	0.0050	0	112.1	85	115	07/29/2024
Mercury		0.00020		**0.00469**	0.0050	0	93.8	85	115	07/26/2024

Batch 226132 **SampType:** MS Units **mg/L**
SampID: 24071862-001BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.00020		**0.00557**	0.0050	0	111.5	75	125	07/29/2024

Batch 226132 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24071862-001BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury		0.00020		**0.00551**	0.0050	0	110.2	0.005574	1.19	07/29/2024

Batch 226132 **SampType:** MS Units **mg/L**
SampID: 24071896-003DMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.00020		**0.00507**	0.0050	0	101.4	75	125	07/26/2024

Batch 226132 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24071896-003DMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury		0.00020		**0.00514**	0.0050	0	102.8	0.005069	1.35	07/26/2024

Teklab, Inc. Environmental Laboratory

Receiving Check List

Client: Ramboll
Work Order: 24061962
Client Project: BAL-24Q3
Report Date: 12-Aug-24

Carrier: Justin Colp
Received By: PRS

Completed by: Paul Schultz
On: 18-Jul-24

Reviewed by: Elizabeth A. Hurley
On: 23-Jul-24

Pages to follow: Chain of custody 12 Extra pages included 0

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐	Temp °C 19.9
Type of thermal preservation?	None ☐	Ice ☑	Blue Ice ☐	Dry Ice ☐
Chain of custody present?	Yes ☑	No ☐		
Chain of custody signed when relinquished and received?	Yes ☑	No ☐		
Chain of custody agrees with sample labels?	Yes ☑	No ☐		
Samples in proper container/bottle?	Yes ☑	No ☐		
Sample containers intact?	Yes ☑	No ☐		
Sufficient sample volume for indicated test?	Yes ☑	No ☐		
All samples received within holding time?	Yes ☑	No ☐		
Reported field parameters measured:	Field ☑	Lab ☐	NA ☐	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐		
When thermal preservation is required, samples are compliant with a temperature between 0.1°C - 6.0°C, or when samples are received on ice the same day as collected.				
Water – at least one vial per sample has zero headspace?	Yes ☐	No ☐	No VOA vials ☑	
Water - TOX containers have zero headspace?	Yes ☐	No ☐	No TOX containers ☑	
Water - pH acceptable upon receipt?	Yes ☐	No ☑	NA ☐	
NPDES/CWA TCN interferences checked/treated in the field?	Yes ☐	No ☐	NA ☑	

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

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

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

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

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

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

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

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

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

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

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

Teklab, Inc.
Environmental Laboratory

Receiving Check List

Client: Ramboll
Work Order: 24061962
Client Project: BAL-24Q3
Report Date: 12-Aug-24

CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: 1 of 3

Section A Required Client Information:

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

Section B Required Project Information:

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

Section C Invoice Information:

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

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, WT; WATER WW, P; WASTE WATER SL; PRODUCT SOIL/SOLID OL, WP; OIL AR; WIPE OT; AIR TS; OTHER

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.
1	MW-104DR	WT	G	7.17.24	1207		4	2		2												X		24061962-001
2	MW-104SR	WT	G	7.17.24	1233		4	2		2												X		24061962-002
3	MW-150	WT	G				4	2		2								X		X		X		24061962-003
4	MW-151	WT	G				4	2		2								X		X		X		24061962-004
5	MW-152	WT	G				4	2		2								X		X		X		24061962-005
6	MW-153	WT	G				4	2		2								X		X		X		24061962-006
7	MW-154	WT	G				4	2		2												X		24061962-007
8	MW-155	WT	G				4	2		2												X		24061962-008
9	MW-192	WT	G	7.17.24	1412		2	1		1							X		X					24061962-009
10	MW-193	WT	G	7-17-24	0826		2	1		1							X		X					24061962-010
11	MW-195	WT	G				3	1		2											X			24061962-011
12	MW-196	WT	G				3	1		2											X			24061962-012
13	MW-197	WT	G				3	1		2											X			24061962-013
14	MW-252	WT	G				4	2		2								X		X		X		24061962-014
15	MW-253R	WT	G				4	2		2								X		X		X		24061962-015
16	MW-304	WT	G	7.17.24	1020		4	2		2							X	X	X	X		X		24061962-016

Requested Analysis Filtered (Y/N)

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS: Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
BAL-24Q3 Rev 0	J. Colp	7-17	1600	Paul Gray	7/17/24	1600				
							19.9	DG	N	

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Justin Colp

SIGNATURE of SAMPLER: Justin Colp DATE Signed (MM/DD/YY): 7-17-24

PW 96451

Added HNO_3 (98584) to MW304, MW393

MW 394, PZ 170, & MW304dup

sealed

24061962

CHAIN-OF-CUSTODY / Analytical Request Document

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Page: 2 of 3

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: Sam Davies: samantha.davies@vistracorp.com	Company Name: Vistra Corp
Baldwin, IL 62217	Kim Edmiaston	Address: see Section A
Email To: Brian.Voelker@VistraCorp.com	Purchase Order No.: Kimberly.Edmiaston@vistracorp.com	Quote Reference:
Phone: (217) 753-8911 Fax:	Project Name:	Project Manager:
Requested Due Date/TAT: 10 day	Project Number: 2285	Profile #:

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-350R	WT	G				4	2		2								X		X		X		24061962-017
2	MW-352	WT	G				4	2		2								X		X		X		24061962-018
3	MW-355	WT	G				4	2		2												X		24061962-019
4	MW-356	WT	G				2	1		1							X		X					24061962-020
5	MW-358	WT	G				2	1		1							X	X	X	X				24061962-021
6	MW-366	WT	G				2	1		1								X		X				24061962-022
7	MW-369	WT	G				2	1		1							X		X					24061962-023
8	MW-370	WT	G				2	1		1							X		X					24061962-024
9	MW-375	WT	G				2	1		1								X		X				24061962-025
10	MW-377	WT	G				2	1		1								X		X				24061962-026
11	MW-382	WT	G				2	1		1							X		X					24061962-027
12	MW-383	WT	G	7-17-24	1115		2	1		1								X		X				24061962-028
13	MW-384	WT	G	7-17-24	1211		2	1		1								X		X				24061962-029
14	MW-390	WT	G	7-17-24	1332		2	1		1								X		X				24061962-030
15	MW-391	WT	G				2	1		1								X		X				24061962-031
16	MW-392	WT	G	7.17.24	1323		2	1		1							X		X					24061962-032

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
BAL-24Q3 Rev 0	J. Colp	7-17	1600	Paul Gatley	7/17/24	1600	

SAMPLER NAME AND SIGNATURE			Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER:	Justin Colp			Y	N	
SIGNATURE of SAMPLER:		DATE Signed (MM/DD/YY): 7-17-24				

CHAIN-OF-CUSTODY / Analytical Request Document

24061962

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

Page: 3 of 3

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: Sam Davies: samantha.davies@vistracorp.com	Company Name: Vistra Corp
Baldwin, IL 62217	Kim Edmiaston	Address: see Section A
Email To: Brian.Voelker@VistraCorp.com	Purchase Order No.: Kimberly.Edmiaston@vistracorp.com	Quote Reference:
Phone: (217) 753-8911 Fax:	Project Name:	Project Manager:
Requested Due Date/TAT: 10 day	Project Number: 2285	Profile #:

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, WT; WATER WW, P; WASTE WATER SL; PRODUCT OL, WP; SOIL/SOLID AR, OT; OIL TS; WIPE; AIR; OTHER

ITEM #	SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	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	7-17-24	0908		2	1		1							X		X					24061962-033
2	MW-394	WT	G	7-17-24	0954		2	1		1							X		X					24061962-034
3	OW-156	WT	G	7-17-24	0931		0															X		24061962-035
4	OW-157	WT	G	7-17-24	0955		0															X		24061962-036
5	OW-256	WT	G	7-17-24	1035		2	1		1							X		X					24061962-037
6	OW-257	WT	G	7-17-24	1406		2	1		1							X		X					24061962-038
7	PZ-170	WT	G	7-17-24	1225		2	1		1							X		X					24061962-039
8	PZ-182	WT	G	7-17-24	1138		2	1		1							X		X					24061962-040
9	TPZ-164	WT	G				2	1		1							X		X					24061962-041
10	XPW01	WT	G				2	1		1							X		X					24061962-042
11	XPW05	WT	G				2	1		1							X		X					24061962-043
12	XPW06	WT	G				2	1		1							X		X					24061962-044
13	Field Blank	WT	G				4	2		2							X	X	X	X	X	X		24061962-045
14	MW-304 Duplicate	WT	G	7-17-24	1020		4	2		2							X	X	X	X		X		24061962-046
15	Equipment Blank 1	WT	G				4	2		2							X	X	X	X	X	X		24061962-047
16																								

Requested Analysis Filtered (Y/N)

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
BAL-24Q3 Rev 0	J. Colp	7-17	1600	[signature]	7/17/24	1600	

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Justin Colp

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

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

CHAIN-OF-CUSTODY / Analytical Request Document

24061962-605

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Page: 1 of 3

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:	Sam Davies: samantha.davies@vistracorp.com	Company Name:	Vistra Corp
	Baldwin, IL 62217		Kim Edmiaston	Address:	see Section A
Email To:	Brian.Voelker@VistraCorp.com	Purchase Order No.:	Kimberly.Edmiaston@vistracorp.com	Quote Reference:	
Phone:	(217) 753-8911 Fax:	Project Name:		Project Manager:	
Requested Due Date/TAT:	10 day	Project Number:	2285	Profile #:	

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

Site Location STATE: IL

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 #	Section D Required Client Information: SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE	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-846-605	BAL-NE-605	BAL-WPCP-605	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	MW-104DR	WT	G				4	2		2												X		24061962-001
2	MW-104SR	WT	G				4	2		2												X		24061962-002
3	MW-150	WT	G	7-18-24	1257		4	2		2								X		X		X		24061962-003
4	MW-151	WT	G	7-18-24	1332		4	2		2								X		X		X		24061962-004
5	MW-152	WT	G	7-18-24	1046		4	2		2								X		X		X		24061962-005
6	MW-153	WT	G	7-18-24	0836		4	2		2								X		X		X		24061962-006
7	MW-154	WT	G				4	2		2												X		24061962-007
8	MW-155	WT	G				4	2		2												X		24061962-008
9	MW-192	WT	G				2	1		1							X		X					24061962-009
10	MW-193	WT	G				2	1		1							X		X					24061962-010
11	MW-195	WT	G				3	1		2											X			24061962-011
12	MW-196	WT	G				3	1		2											X			24061962-012
13	MW-197	WT	G				3	1		2											X			24061962-013
14	MW-252	WT	G	7-19-24	1118		4	2		2								X		X		X		24061962-014
15	MW-253R	WT	G	7-18-24	0924		4	2		2								X		X		X		24061962-015
16	MW-304	WT	G				4	2		2							X	X	X	X		X		24061962-016

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS	Y	N	
BAL-24Q3 Rev 0		7-18	1630		7/18/24	1630				
							0.7	Y		

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Justin Colp

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

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

pH 9/16/51 Added HW3(98584) to MW369

PS 7119

(T) G9

on ice

CHAIN-OF-CUSTODY / Analytical Request Document

24061962 ITEM 605

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Page: 2 of 3

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:	Sam Davies; samantha.davies@vistracorp.com	Company Name:	Vistra Corp
	Baldwin, IL 62217		Kim Edmiaston	Address:	see Section A
Email To:	Brian.Voelker@VistraCorp.com	Purchase Order No.:	Kimberly.Edmiaston@vistracorp.com	Quote Reference:	
Phone:	(217) 753-8911 Fax:	Project Name:		Project Manager:	
Requested Due Date/TAT:	10 day	Project Number:	2285	Profile #:	

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

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) 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	7-18-24	1348		4	2		2								X		X		X		24061962-017
2	MW-352	WT	G	7-19-24	1201		4	2		2								X		X		X		24061962-018
3	MW-355	WT	G				4	2		2												X		24061962-019
4	MW-356	WT	G	7-18-24	955		2	1		1							X		X					24061962-020
5	MW-358	WT	G	7-18-24	1110		2	1		1							X	X	X	X				24061962-021
6	MW-366	WT	G	7-18-24	1206		2	1		1								X		X				24061962-022
7	MW-369	WT	G	7.19.24	956		2	1		1							X		X					24061962-023
8	MW-370	WT	G	7.18.24	1051		2	1		1							X		X					24061962-024
9	MW-375	WT	G	7.18.24	1323		2	1		1								X		X				24061962-025
10	MW-377	WT	G	7.18.24	1441		2	1		1								X		X				24061962-026
11	MW-382	WT	G	7.18.24	1204		2	1		1							X		X					24061962-027
12	MW-383	WT	G				2	1		1								X		X				24061962-028
13	MW-384	WT	G				2	1		1								X		X				24061962-029
14	MW-390	WT	G				2	1		1								X		X				24061962-030
15	MW-391	WT	G				2	1		1								X		X				24061962-031
16	MW-392	WT	G				2	1		1							X		X					24061962-032

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
BAL-24Q3 Rev 0		7-18	1630		7/19/24	1630	

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

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Justin Culp

SIGNATURE of SAMPLER: Justin Culp

DATE Signed (MM/DD/YY): 7-18-24

LTG 9 on ice

CHAIN-OF-CUSTODY / Analytical Request Document

24061962-605

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Page: 3 of 3

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:	Sam Davies: samantha.davies@vistracorp.com	Company Name:	Vistra Corp
	Baldwin, IL 62217		Kim Edmiaston	Address:	see Section A
Email To:	Brian.Voelker@VistraCorp.com	Purchase Order No.:	Kimberly.Edmiaston@vistracorp.com	Quote Reference:	
Phone:	(217) 753-8911 Fax:	Project Name:		Project Manager:	
Requested Due Date/TAT:	10 day	Project Number:	2285	Profile #:	

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

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

ITEM #	Section D Required Client Information: SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE	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.
																	Requested Analysis Filtered (Y/N)								
1	MW-393	WT	G				2	1		1								X		X					24061962-033
2	MW-394	WT	G				2	1		1								X		X					24061962-034
3	OW-156	WT	G				0																X		24061962-035
4	OW-157	WT	G				0																X		24061962-036
5	OW-256	WT	G				2	1		1								X		X					24061962-037
6	OW-257	WT	G				2	1		1								X		X					24061962-038
7	PZ-170	WT	G				2	1		1								X		X					24061962-039
8	PZ-182	WT	G				2	1		1								X		X					24061962-040
9	TPZ-164	WT	G				2	1		1								X		X					24061962-041
10	XPW01	WT	G				2	1		1								X		X					24061962-042
11	XPW05	WT	G				2	1		1								X		X					24061962-043
12	XPW06	WT	G				2	1		1								X		X					24061962-044
13	Field Blank	WT	G				4	2		2								X	X	X	X	X	X		24061962-045
14	MW-304 Duplicate	WT	G				4	2		2								X	X	X	X		X		24061962-046
15	Equipment Blank 1	WT	G				4	2		2								X	X	X	X	X	X		24061962-047
18	PZ 174			7-18-24	1501																				24061962-048

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
								Y	N	
BAL-24Q3 Rev 0	Brian Voelker	7.18	1630	Paul Getty	7/18/24	1630				
							10.7	Y		
							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 Colp	
SIGNATURE of SAMPLER:	Justin Colp	DATE Signed (MM/DD/YY): 7-18-24

UTG 9 on ice

Temp-15.7 LTG: 5 pH-6.65 TF 7.24

CHAIN-OF-CUSTODY / Analytical Request Document

24061962

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Page: 1 of 3

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:	Sam Davies: samantha.davies@vistracorp.com	Company Name:	Vistra Corp
	Baldwin, IL 62217		Kim Edmiaston	Address:	see Section A
Email To:	Brian.Voelker@VistraCorp.com	Purchase Order No.:	Kimberly.Edmiaston@vistracorp.com	Quote Reference:	
Phone:	(217) 753-8911 Fax:	Project Name:		Project Manager:	
Requested Due Date/TAT:	10 day	Project Number:	2285	Profile #:	

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

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-104DR	WT	G				4	2		2												X		24061962-001
2	MW-104SR	WT	G				4	2		2												X		24061962-002
3	MW-150	WT	G				4	2		2								X		X		X		24061962-003
4	MW-151	WT	G				4	2		2								X		X		X		24061962-004
5	MW-152	WT	G				4	2		2								X		X		X		24061962-005
6	MW-153	WT	G				4	2		2								X		X		X		24061962-006
7	MW-154	WT	G	7-19-24	1001		4	2		2												X		24061962-007
8	MW-155	WT	G				4	2		2												X		24061962-008
9	MW-192	WT	G				2	1		1							X		X					24061962-009
10	MW-193	WT	G				2	1		1							X		X					24061962-010
11	MW-195	WT	G	7-19-24	0943		3	1		2											X			24061962-011
12	MW-196	WT	G				3	1		2											X			24061962-012
13	MW-197	WT	G	7-19-24	1024		3	1		2											X			24061962-013
14	MW-252	WT	G				4	2		2								X		X		X		24061962-014
15	MW-253R	WT	G				4	2		2								X		X		X		24061962-015
16	MW-304	WT	G				4	2		2							X	X	X	X		X		24061962-016

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
BAL-24Q3 Rev 0	[signature] SO	7-19	1220	[signature] Dilallo	7/19/24	1120	5.7 #5	Y	N	Y
							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 Culp

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

CHAIN-OF-CUSTODY / Analytical Request Document

24061962

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Section A Required Client Information:

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

Section B Required Project Information:

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

Section C Invoice Information:

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

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; 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-350R	WT	G				4	2		2								X		X		X		24061962-017
2	MW-352	WT	G				4	2		2								X		X		X		24061962-018
3	MW-355	WT	G				4	2		2												X		24061962-019
4	MW-356	WT	G				2	1		1							X		X					24061962-020
5	MW-358	WT	G				2	1		1							X	X	X	X				24061962-021
6	MW-366	WT	G				2	1		1								X		X				24061962-022
7	MW-369	WT	G				2	1		1							X		X					24061962-023
8	MW-370	WT	G				2	1		1							X		X					24061962-024
9	MW-375	WT	G				2	1		1								X		X				24061962-025
10	MW-377	WT	G				2	1		1								X		X				24061962-026
11	MW-382	WT	G				2	1		1							X		X					24061962-027
12	MW-383	WT	G				2	1		1								X		X				24061962-028
13	MW-384	WT	G				2	1		1								X		X				24061962-029
14	MW-390	WT	G				2	1		1								X		X				24061962-030
15	MW-391	WT	G	7-19-24	1105		2	1		1								X		X				24061962-031
16	MW-392	WT	G				2	1		1							X		X					24061962-032

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
BAL-24Q3 Rev 0	[signature] SO	7-19	1220	[signature]	7/19/24	1120	

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Justin Culp

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

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

CHAIN-OF-CUSTODY / Analytical Request Document

24061962 1962605

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Page: 3 of 3

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: Sam Davies: samantha.davies@vistracorp.com	Company Name: Vistra Corp
Baldwin, IL 62217	Kim Edmiaston	Address: see Section A
Email To: Brian.Voelker@VistraCorp.com	Purchase Order No.: Kimberly.Edmiaston@vistracorp.com	Quote Reference:
Phone: (217) 753-8911 Fax:	Project Name:	Project Manager:
Requested Due Date/TAT: 10 day	Project Number: 2285	Profile #:

REGULATORY AGENCY

NPDES GROUND WATER DRINKING WATER
UST RCRA OTHER

Site Location STATE: IL

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

ITEM #	Section D Required Client Information: SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE	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	1		1							X		X					24061962-033
2	MW-394	WT	G				2	1		1							X		X					24061962-034
3	OW-156	WT	G				0															X		24061962-035
4	OW-157	WT	G				0															X		24061962-036
5	OW-256	WT	G				2	1		1							X		X					24061962-037
6	OW-257	WT	G				2	1		1							X		X					24061962-038
7	~~PZ-170~~ PZ-178	WT	G	7-22	1012		2	1		1							X		X					24061962-~~039~~ 052
8	~~PZ-182~~ PZ-176	WT	G	7-22	1056		2	1		1							X		X					24061962-~~040~~ 049
9	TPZ-164	WT	G	7-22	1313		2	1		1							X		X					24061962-041
10	XPW01	WT	G	7-22	1203		2	1		1							X		X					24061962-042
11	XPW05	WT	G	7-22	1242		2	1		1							X		X					24061962-043
12	XPW06	WT	G	7-22	1127		2	1		1							X		X					24061962-044
13	Field Blank	WT	G				4	2		2							X	X	X	X	X	X		24061962-045
14	MW-304 Duplicate	WT	G				4	2		2							X	X	X	X		X		24061962-046
15	Equipment Blank 1	WT	G				4	2		2							X	X	X	X	X	X		24061962-047
16	PZ-178 DUP			7-22	1012																			24061962-052

TE 7/22/24

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
BAL-24Q3 Rev 0	J. Culp	7-22	1450	Amber DeLallo	7/22/24	1450	17.3	Y	N	Y
							17.5	Y	N	TE 7/22/24

SAMPLER NAME AND SIGNATURE			
PRINT Name of SAMPLER:	JUSTIN CULP		
SIGNATURE of SAMPLER:		DATE Signed (MM/DD/YY):	7-22-24

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

Added HNO_3 (98584) to PZ-178 Dup. pH ✓ 9/22/24 TE 7/22/24

CHAIN-OF-CUSTODY / Analytical Request Document

24061962

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Page: 1 of 3

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: Sam Davies: samantha.davies@vistracorp.com	Company Name: Vistra Corp
Baldwin, IL 62217	Kim Edmiaston	Address: see Section A
Email To: Brian.Voelker@VistraCorp.com	Purchase Order No.: Kimberly.Edmiaston@vistracorp.com	Quote Reference:
Phone: (217) 753-8911 Fax:	Project Name:	Project Manager:
Requested Due Date/TAT: 10 day	Project Number: 2285	Profile #:

REGULATORY AGENCY

NPDES GROUND WATER DRINKING WATER

UST RCRA OTHER

Site Location STATE: IL

Section D Required Client Information

Valid Matrix Codes

	MATRIX
DRINKING WATER	DW
WATER	WT
WASTE WATER	WW
PRODUCT	P
SOIL/SOLID	SL
OIL	OL
WIPE	WP
AIR	AR
OTHER	OT
	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.
1	MW-104DR	WT	G				4	2		2												X		24061962-001
2	MW-104SR	WT	G				4	2		2												X		24061962-002
3	MW-150	WT	G				4	2		2								X		X		X		24061962-003
4	MW-151	WT	G				4	2		2								X		X		X		24061962-004
5	MW-152	WT	G				4	2		2								X		X		X		24061962-005
6	MW-153	WT	G				4	2		2								X		X		X		24061962-006
7	MW-154	WT	G				4	2		2												X		24061962-007
8	MW-155	WT	G	7-23-24	1128		4	2		2												X		24061962-008
9	MW-192	WT	G				2	1		1							X		X					24061962-009
10	MW-193	WT	G				2	1		1							X		X					24061962-010
11	MW-195	WT	G				3	1		2											X			24061962-011
12	MW-196	WT	G	7-23-24	1034		3	1		2											X			24061962-012
13	MW-197	WT	G				3	1		2											X			24061962-013
14	MW-252	WT	G				4	2		2								X		X		X		24061962-014
15	MW-253R	WT	G				4	2		2								X		X		X		24061962-015
16	MW-304	WT	G				4	2		2							X	X	X	X		X		24061962-016

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
BAL-24Q3 Rev 0		7/23/24	1324		7/23/24	1324	22.3	Y	N	
							#5			

SAMPLER NAME AND SIGNATURE				
PRINT Name of SAMPLER:	Justin Colp			
SIGNATURE of SAMPLER:		DATE Signed (MM/DD/YY):	7-23-24	

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

pH ✓ 9/23/24 DMO 7/23/24

CHAIN-OF-CUSTODY / Analytical Request Document

24061962 605

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: Sam Davies: samantha.davies@vistracorp.com	Company Name: Vistra Corp
Baldwin, IL 62217	Kim Edmiaston	Address: see Section A
Email To: Brian.Voelker@VistraCorp.com	Purchase Order No.: Kimberly.Edmiaston@vistracorp.com	Quote Reference:
Phone: (217) 753-8911 Fax:	Project Name:	Project Manager:
Requested Due Date/TAT: 10 day	Project Number: 2285	Profile #:

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

ITEM #	SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	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) 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		24061962-017
2	MW-352	WT	G				4	2		2								X		X		X		24061962-018
3	MW-355	WT	G	7-23-24	1153		4	2		2												X		24061962-019
4	MW-356	WT	G				2	1		1							X		X					24061962-020
5	MW-358	WT	G				2	1		1							X	X	X	X				24061962-021
6	MW-366	WT	G				2	1		1								X		X				24061962-022
7	MW-369	WT	G				2	1		1							X		X					24061962-023
8	MW-370	WT	G				2	1		1							X		X					24061962-024
9	MW-375	WT	G				2	1		1								X		X				24061962-025
10	MW-377	WT	G				2	1		1								X		X				24061962-026
11	MW-382	WT	G				2	1		1							X		X					24061962-027
12	MW-383	WT	G				2	1		1								X		X				24061962-028
13	MW-384	WT	G				2	1		1								X		X				24061962-029
14	MW-390	WT	G				2	1		1								X		X				24061962-030
15	MW-391	WT	G				2	1		1								X		X				24061962-031
16	MW-392	WT	G				2	1		1							X		X					24061962-032

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

SAMPLER NAME AND SIGNATURE			Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER:	Justin Cole					
SIGNATURE of SAMPLER:		DATE Signed (MM/DD/YY): 7-23-24				

CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: 3 of 3

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:	Sam Davies: samantha.davies@vistracorp.com	Company Name:	Vistra Corp
	Baldwin, IL 62217		Kim Edmiaston	Address:	see Section A
Email To:	Brian.Voelker@VistraCorp.com	Purchase Order No.:	Kimberly.Edmiaston@vistracorp.com	Quote Reference:	
Phone:	(217) 753-8911 Fax:	Project Name:		Project Manager:	
Requested Due Date/TAT:	10 day	Project Number:	2285	Profile #:	

REGULATORY AGENCY

NPDES GROUND WATER DRINKING WATER
UST RCRA OTHER

Site Location STATE: IL

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 #	Section D Required Client Information: SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE	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	Requested Analysis Filtered (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	1		1							X		X										24061962-033
2	MW-394	WT	G				2	1		1							X		X										24061962-034
3	OW-156	WT	G				0															X							24061962-035
4	OW-157	WT	G				0															X							24061962-036
5	OW-256	WT	G				2	1		1							X		X										24061962-037
6	OW-257	WT	G				2	1		1							X		X										24061962-038
7	PZ-170	WT	G				2	1		1							X		X										24061962-039
8	PZ-182	WT	G				2	1		1							X		X										24061962-040
9	TPZ-164	WT	G				2	1		1							X		X										24061962-041
10	XPW01	WT	G				2	1		1							X		X										24061962-042
11	XPW05	WT	G				2	1		1							X		X										24061962-043
12	XPW06	WT	G				2	1		1							X		X										24061962-044
13	Field Blank	WT	G	7-23-24	1204		4	2		2							X	X	X	X	X	X							24061962-045
14	MW-304 Duplicate	WT	G				4	2		2							X	X	X	X		X							24061962-046
15	Equipment Blank 1	WT	G	7-23-24	1211		4	2		2							X	X	X	X	X	X							24061962-047
16																													

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS	Y	N	
BAL-24Q3 Rev 0		7/23/24	1324		7/23/24	1324				

SAMPLER NAME AND SIGNATURE		Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER:					
SIGNATURE of SAMPLER:	DATE Signed (MM/DD/YY): 7-23-24				

Teklab, Inc.
Environmental Laboratory

http://www.teklabinc.com/

August 26, 2024

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

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

RE: BAL-24Q3 **WorkOrder:** 24061963

Dear Eric Bauer:

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

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

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

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

Sincerely,

Elizabeth A. Hurley

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

Report Contents

Client: Ramboll
Client Project: BAL-24Q3

Work Order: 24061963
Report Date: 26-Aug-24

This reporting package includes the following:

Cover Letter	1
Report Contents	2
Definitions	3
Case Narrative	5
Accreditations	6
Laboratory Results	7
Sample Summary	50
Receiving Check List	52
Chain of Custody	Appended

Definitions

Client: Ramboll **Work Order:** 24061963

Client Project: BAL-24Q3 **Report Date:** 26-Aug-24

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

Definitions

Client: Ramboll **Work Order:** 24061963

Client Project: BAL-24Q3 **Report Date:** 26-Aug-24

Qualifiers

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

Teklab, Inc. Environmental Laboratory

Case Narrative

Client: Ramboll
Client Project: BAL-24Q3

Work Order: 24061963
Report Date: 26-Aug-24

Cooler Receipt Temp: 19.9 °C

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

Equipment Blank 2 was not needed.

MW-152 collection time per field file. EAH 7/25/24

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

This report was revised on August 26, 2024 per Eric Bauer's request. The reason for the revision is to correct the collection time of MW-366 from 1204 to 1206 to align with the field data file and to omit MW-195 from the subcontractor's report. Please replace report dated August 21, 2024 with this report. EAH 8/26/24

Locations

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

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:** 24061963

Client Project: BAL-24Q3 **Report Date:** 26-Aug-24

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

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24061963

Client Project: BAL-24Q3 **Report Date:** 26-Aug-24

Lab ID: 24061963-001 **Client Sample ID:** MW-150

Matrix: GROUNDWATER **Collection Date:** 07/18/2024 12:57

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	08/05/2024 11:42	R352068

Laboratory Results

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

Client: Ramboll **Work Order:** 24061963

Client Project: BAL-24Q3 **Report Date:** 26-Aug-24

Lab ID: 24061963-002 **Client Sample ID:** MW-151

Matrix: GROUNDWATER **Collection Date:** 07/18/2024 13:32

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	08/05/2024 11:42	R352068

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24061963

Client Project: BAL-24Q3 **Report Date:** 26-Aug-24

Lab ID: 24061963-003 **Client Sample ID:** MW-152

Matrix: GROUNDWATER **Collection Date:** 07/18/2024 10:44

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	08/05/2024 11:43	R352068

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24061963

Client Project: BAL-24Q3 **Report Date:** 26-Aug-24

Lab ID: 24061963-004 **Client Sample ID:** MW-153

Matrix: GROUNDWATER **Collection Date:** 07/18/2024 8:36

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	08/05/2024 11:43	R352068

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24061963

Client Project: BAL-24Q3 **Report Date:** 26-Aug-24

Lab ID: 24061963-005 **Client Sample ID:** MW-192

Matrix: GROUNDWATER **Collection Date:** 07/17/2024 14:12

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	08/05/2024 11:43	R352068

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24061963

Client Project: BAL-24Q3 **Report Date:** 26-Aug-24

Lab ID: 24061963-006 **Client Sample ID:** MW-193

Matrix: GROUNDWATER **Collection Date:** 07/17/2024 8:26

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	08/05/2024 11:43	R352068

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24061963

Client Project: BAL-24Q3 **Report Date:** 26-Aug-24

Lab ID: 24061963-008 **Client Sample ID:** MW-196

Matrix: GROUNDWATER **Collection Date:** 07/23/2024 10:34

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	08/05/2024 11:43	R352068

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24061963

Client Project: BAL-24Q3 **Report Date:** 26-Aug-24

Lab ID: 24061963-009 **Client Sample ID:** MW-197

Matrix: GROUNDWATER **Collection Date:** 07/19/2024 10:24

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	08/05/2024 11:43	R352068

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24061963

Client Project: BAL-24Q3 **Report Date:** 26-Aug-24

Lab ID: 24061963-010 **Client Sample ID:** MW-252

Matrix: GROUNDWATER **Collection Date:** 07/18/2024 11:18

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	08/05/2024 11:44	R352068

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24061963

Client Project: BAL-24Q3 **Report Date:** 26-Aug-24

Lab ID: 24061963-011 **Client Sample ID:** MW-253R

Matrix: GROUNDWATER **Collection Date:** 07/18/2024 9:24

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	08/05/2024 11:44	R352068

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24061963

Client Project: BAL-24Q3 **Report Date:** 26-Aug-24

Lab ID: 24061963-012 **Client Sample ID:** MW-304

Matrix: GROUNDWATER **Collection Date:** 07/17/2024 10:20

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	08/05/2024 11:44	R352068

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24061963

Client Project: BAL-24Q3 **Report Date:** 26-Aug-24

Lab ID: 24061963-013 **Client Sample ID:** MW-350R

Matrix: GROUNDWATER **Collection Date:** 07/18/2024 13:48

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	08/05/2024 11:44	R352068

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24061963

Client Project: BAL-24Q3 **Report Date:** 26-Aug-24

Lab ID: 24061963-014 **Client Sample ID:** MW-352

Matrix: GROUNDWATER **Collection Date:** 07/18/2024 12:01

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	08/05/2024 12:04	R352068

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24061963

Client Project: BAL-24Q3 **Report Date:** 26-Aug-24

Lab ID: 24061963-015 **Client Sample ID:** MW-356

Matrix: GROUNDWATER **Collection Date:** 07/18/2024 9:55

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	08/05/2024 12:04	R352068

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24061963

Client Project: BAL-24Q3 **Report Date:** 26-Aug-24

Lab ID: 24061963-016 **Client Sample ID:** MW-358

Matrix: GROUNDWATER **Collection Date:** 07/18/2024 11:10

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	08/05/2024 12:04	R352068

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24061963

Client Project: BAL-24Q3 **Report Date:** 26-Aug-24

Lab ID: 24061963-017 **Client Sample ID:** MW-366

Matrix: GROUNDWATER **Collection Date:** 07/18/2024 12:06

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	08/05/2024 12:04	R352068

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24061963

Client Project: BAL-24Q3 **Report Date:** 26-Aug-24

Lab ID: 24061963-018 **Client Sample ID:** MW-369

Matrix: GROUNDWATER **Collection Date:** 07/18/2024 9:56

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	08/05/2024 12:04	R352068

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24061963

Client Project: BAL-24Q3 **Report Date:** 26-Aug-24

Lab ID: 24061963-019 **Client Sample ID:** MW-370

Matrix: GROUNDWATER **Collection Date:** 07/18/2024 10:51

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	08/05/2024 11:42	R352068

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24061963

Client Project: BAL-24Q3 **Report Date:** 26-Aug-24

Lab ID: 24061963-020 **Client Sample ID:** MW-375

Matrix: GROUNDWATER **Collection Date:** 07/18/2024 13:23

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	08/05/2024 11:15	R352068

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24061963

Client Project: BAL-24Q3 **Report Date:** 26-Aug-24

Lab ID: 24061963-021 **Client Sample ID:** MW-377

Matrix: GROUNDWATER **Collection Date:** 07/18/2024 14:41

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	08/05/2024 11:37	R352068

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24061963

Client Project: BAL-24Q3 **Report Date:** 26-Aug-24

Lab ID: 24061963-022 **Client Sample ID:** MW-382

Matrix: GROUNDWATER **Collection Date:** 07/18/2024 12:04

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	08/05/2024 11:37	R352068

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24061963

Client Project: BAL-24Q3 **Report Date:** 26-Aug-24

Lab ID: 24061963-023 **Client Sample ID:** MW-383

Matrix: GROUNDWATER **Collection Date:** 07/17/2024 11:15

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	08/05/2024 11:37	R352068

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24061963

Client Project: BAL-24Q3 **Report Date:** 26-Aug-24

Lab ID: 24061963-024 **Client Sample ID:** MW-384

Matrix: GROUNDWATER **Collection Date:** 07/17/2024 12:11

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	08/05/2024 11:37	R352068

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24061963

Client Project: BAL-24Q3 **Report Date:** 26-Aug-24

Lab ID: 24061963-025 **Client Sample ID:** MW-390

Matrix: GROUNDWATER **Collection Date:** 07/17/2024 13:32

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	08/05/2024 11:37	R352068

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24061963

Client Project: BAL-24Q3 **Report Date:** 26-Aug-24

Lab ID: 24061963-026 **Client Sample ID:** MW-391

Matrix: GROUNDWATER **Collection Date:** 07/19/2024 11:05

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	08/05/2024 11:38	R352068

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24061963

Client Project: BAL-24Q3 **Report Date:** 26-Aug-24

Lab ID: 24061963-027 **Client Sample ID:** MW-392

Matrix: GROUNDWATER **Collection Date:** 07/17/2024 13:23

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	08/05/2024 11:38	R352068

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24061963

Client Project: BAL-24Q3 **Report Date:** 26-Aug-24

Lab ID: 24061963-028 **Client Sample ID:** MW-393

Matrix: GROUNDWATER **Collection Date:** 07/17/2024 9:08

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	08/05/2024 11:38	R352068

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24061963

Client Project: BAL-24Q3 **Report Date:** 26-Aug-24

Lab ID: 24061963-029 **Client Sample ID:** MW-394

Matrix: GROUNDWATER **Collection Date:** 07/17/2024 9:54

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	08/05/2024 11:34	R352068

Laboratory Results

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

Client: Ramboll **Work Order:** 24061963

Client Project: BAL-24Q3 **Report Date:** 26-Aug-24

Lab ID: 24061963-030 **Client Sample ID:** OW-256

Matrix: GROUNDWATER **Collection Date:** 07/17/2024 14:06

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	08/05/2024 11:34	R352068

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24061963

Client Project: BAL-24Q3 **Report Date:** 26-Aug-24

Lab ID: 24061963-031 **Client Sample ID:** OW-257

Matrix: GROUNDWATER **Collection Date:** 07/17/2024 10:33

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	08/05/2024 11:35	R352068

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24061963

Client Project: BAL-24Q3 **Report Date:** 26-Aug-24

Lab ID: 24061963-032 **Client Sample ID:** PZ-170

Matrix: GROUNDWATER **Collection Date:** 07/17/2024 12:25

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	08/05/2024 11:35	R352068

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24061963

Client Project: BAL-24Q3 **Report Date:** 26-Aug-24

Lab ID: 24061963-033 **Client Sample ID:** PZ-182

Matrix: GROUNDWATER **Collection Date:** 07/17/2024 11:38

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	08/05/2024 11:35	R352068

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24061963

Client Project: BAL-24Q3 **Report Date:** 26-Aug-24

Lab ID: 24061963-034 **Client Sample ID:** TPZ-164

Matrix: GROUNDWATER **Collection Date:** 07/22/2024 13:13

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	08/05/2024 11:35	R352068

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24061963

Client Project: BAL-24Q3 **Report Date:** 26-Aug-24

Lab ID: 24061963-035 **Client Sample ID:** XPW01

Matrix: GROUNDWATER **Collection Date:** 07/22/2024 12:03

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	08/05/2024 11:35	R352068

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24061963

Client Project: BAL-24Q3 **Report Date:** 26-Aug-24

Lab ID: 24061963-036 **Client Sample ID:** XPW05

Matrix: GROUNDWATER **Collection Date:** 07/22/2024 12:42

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	08/05/2024 11:31	R352068

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24061963

Client Project: BAL-24Q3 **Report Date:** 26-Aug-24

Lab ID: 24061963-037 **Client Sample ID:** XPW06

Matrix: GROUNDWATER **Collection Date:** 07/22/2024 11:27

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	08/05/2024 11:31	R352068

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24061963

Client Project: BAL-24Q3 **Report Date:** 26-Aug-24

Lab ID: 24061963-038 **Client Sample ID:** Field Blank

Matrix: AQUEOUS **Collection Date:** 07/23/2024 12:04

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	08/05/2024 11:31	R352068

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24061963

Client Project: BAL-24Q3 **Report Date:** 26-Aug-24

Lab ID: 24061963-039 **Client Sample ID:** MW-304 Duplicate

Matrix: GROUNDWATER **Collection Date:** 07/17/2024 10:20

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	08/05/2024 11:31	R352068

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24061963

Client Project: BAL-24Q3 **Report Date:** 26-Aug-24

Lab ID: 24061963-040 **Client Sample ID:** Equipment Blank 1

Matrix: AQUEOUS **Collection Date:** 07/23/2024 12:11

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	08/06/2024 12:42	R352068

Laboratory Results

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

Client: Ramboll **Work Order:** 24061963

Client Project: BAL-24Q3 **Report Date:** 26-Aug-24

Lab ID: 24061963-041 **Client Sample ID:** PZ-174

Matrix: GROUNDWATER **Collection Date:** 07/18/2024 15:01

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	08/06/2024 12:42	R352068

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24061963

Client Project: BAL-24Q3 **Report Date:** 26-Aug-24

Lab ID: 24061963-042 **Client Sample ID:** PZ-176

Matrix: GROUNDWATER **Collection Date:** 07/22/2024 10:56

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	08/06/2024 12:43	R352068

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24061963

Client Project: BAL-24Q3 **Report Date:** 26-Aug-24

Lab ID: 24061963-043 **Client Sample ID:** PZ-178

Matrix: GROUNDWATER **Collection Date:** 07/22/2024 10:12

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	08/06/2024 12:43	R352068

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24061963

Client Project: BAL-24Q3 **Report Date:** 26-Aug-24

Lab ID: 24061963-045 **Client Sample ID:** PZ-178 Duplicate

Matrix: GROUNDWATER **Collection Date:** 07/22/2024 10:12

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	08/06/2024 12:43	R352068

Teklab, Inc. Environmental Laboratory

Sample Summary

Client: Ramboll
Client Project: BAL-24Q3

Work Order: 24061963
Report Date: 26-Aug-24

Lab Sample ID	Client Sample ID	Matrix	Fractions	Collection Date
24061963-001	MW-150	Groundwater	1	07/18/2024 12:57
24061963-002	MW-151	Groundwater	1	07/18/2024 13:32
24061963-003	MW-152	Groundwater	1	07/18/2024 10:44
24061963-004	MW-153	Groundwater	1	07/18/2024 8:36
24061963-005	MW-192	Groundwater	1	07/17/2024 14:12
24061963-006	MW-193	Groundwater	1	07/17/2024 8:26
24061963-008	MW-196	Groundwater	1	07/23/2024 10:34
24061963-009	MW-197	Groundwater	1	07/19/2024 10:24
24061963-010	MW-252	Groundwater	1	07/18/2024 11:18
24061963-011	MW-253R	Groundwater	1	07/18/2024 9:24
24061963-012	MW-304	Groundwater	1	07/17/2024 10:20
24061963-013	MW-350R	Groundwater	1	07/18/2024 13:48
24061963-014	MW-352	Groundwater	1	07/18/2024 12:01
24061963-015	MW-356	Groundwater	1	07/18/2024 9:55
24061963-016	MW-358	Groundwater	1	07/18/2024 11:10
24061963-017	MW-366	Groundwater	1	07/18/2024 12:06
24061963-018	MW-369	Groundwater	1	07/18/2024 9:56
24061963-019	MW-370	Groundwater	1	07/18/2024 10:51
24061963-020	MW-375	Groundwater	1	07/18/2024 13:23
24061963-021	MW-377	Groundwater	1	07/18/2024 14:41
24061963-022	MW-382	Groundwater	1	07/18/2024 12:04
24061963-023	MW-383	Groundwater	1	07/17/2024 11:15
24061963-024	MW-384	Groundwater	1	07/17/2024 12:11
24061963-025	MW-390	Groundwater	1	07/17/2024 13:32
24061963-026	MW-391	Groundwater	1	07/19/2024 11:05
24061963-027	MW-392	Groundwater	1	07/17/2024 13:23
24061963-028	MW-393	Groundwater	1	07/17/2024 9:08
24061963-029	MW-394	Groundwater	1	07/17/2024 9:54
24061963-030	OW-256	Groundwater	1	07/17/2024 14:06
24061963-031	OW-257	Groundwater	1	07/17/2024 10:33
24061963-032	PZ-170	Groundwater	1	07/17/2024 12:25
24061963-033	PZ-182	Groundwater	1	07/17/2024 11:38
24061963-034	TPZ-164	Groundwater	1	07/22/2024 13:13
24061963-035	XPW01	Groundwater	1	07/22/2024 12:03
24061963-036	XPW05	Groundwater	1	07/22/2024 12:42
24061963-037	XPW06	Groundwater	1	07/22/2024 11:27
24061963-038	Field Blank	Aqueous	1	07/23/2024 12:04
24061963-039	MW-304 Duplicate	Groundwater	1	07/17/2024 10:20
24061963-040	Equipment Blank 1	Aqueous	1	07/23/2024 12:11

Teklab, Inc. Environmental Laboratory

Sample Summary

Client: Ramboll
Client Project: BAL-24Q3

Work Order: 24061963
Report Date: 26-Aug-24

Lab Sample ID	Client Sample ID	Matrix	Fractions	Collection Date
24061963-041	PZ-174	Groundwater	1	07/18/2024 15:01
24061963-042	PZ-176	Groundwater	1	07/22/2024 10:56
24061963-043	PZ-178	Groundwater	1	07/22/2024 10:12
24061963-044	Equipment Blank 2	Aqueous	1	
24061963-045	PZ-178 Duplicate	Groundwater	1	07/22/2024 10:12

Teklab, Inc. Environmental Laboratory

Receiving Check List

Client: Ramboll
Work Order: 24061963
Client Project: BAL-24Q3
Report Date: 26-Aug-24

Carrier: Justin Colp
Received By: PRS

Completed by: Paul Schultz
On: 18-Jul-24

Reviewed by: Elizabeth A. Hurley
On: 23-Jul-24

Pages to follow: Chain of custody 12 Extra pages included 49

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐	Temp °C	19.9
Type of thermal preservation?	None ☐	Ice ☑	Blue Ice ☐	Dry Ice	☐
Chain of custody present?	Yes ☑	No ☐			
Chain of custody signed when relinquished and received?	Yes ☑	No ☐			
Chain of custody agrees with sample labels?	Yes ☑	No ☐			
Samples in proper container/bottle?	Yes ☑	No ☐			
Sample containers intact?	Yes ☑	No ☐			
Sufficient sample volume for indicated test?	Yes ☑	No ☐			
All samples received within holding time?	Yes ☑	No ☐			
Reported field parameters measured:	Field ☐	Lab ☐	NA ☑		
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐			
When thermal preservation is required, samples are compliant with a temperature between 0.1°C - 6.0°C, or when samples are received on ice the same day as collected.					
Water – at least one vial per sample has zero headspace?	Yes ☐	No ☐	No VOA vials ☑		
Water - TOX containers have zero headspace?	Yes ☐	No ☐	No TOX containers ☑		
Water - pH acceptable upon receipt?	Yes ☐	No ☑	NA ☐		
NPDES/CWA TCN interferences checked/treated in the field?	Yes ☐	No ☐	NA ☑		

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

pH strip #96651. - pschultz - 7/18/2024 8:46:24 AM

Additional Nitric Acid (98584) was needed in MW304, MW384, MW393, MW394, PZ170, and MW304 Duplicate upon arrival at the laboratory. - pschultz - 7/18/2024 8:46:27 AM

Samples were received on 7/18/2024 at 16:30 on ice [10.7C - LTG#9]. - pschultz - 7/19/2024 8:43:47 AM

pH strip #96651. - pschultz - 7/19/2024 8:44:24 AM

Samples were received on 7/19/24 at 1220 on ice [5.7C - LTG#5]. pH strip #96651. - amberdilallo - 7/19/2024 1:56:08 PM

Samples were received on 7/22/24 at 1450 on ice [17.3C - LTG5]. pH strip #96651. - amberdilallo - 7/22/2024 3:12:28 PM

Samples were received on 7/23/24 at 1324 on ice [22.3C - LTG5]. pH strip #96651. - NO/amberdilallo - 7/23/2024 2:00:21 PM

CHAIN-OF-CUSTODY / Analytical Request Document

24061963

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

Page: 1 of 3

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:	Sam Davies: samantha.davies@vistracorp.com	Company Name:	Vistra Corp
	Baldwin, IL 62217		Kim Edmiaston	Address:	see Section A
Email To:	Brian.Voelker@VistraCorp.com	Purchase Order No.:	Kimberly.Edmiaston@vistracorp.com	Quote Reference:	
Phone:	(217) 753-8911 Fax:	Project Name:		Project Manager:	
Requested Due Date/TAT:	10 day	Project Number:	2285	Profile #:	

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)	Radium 226/228, only: Project No./ Lab I.D.
1	MW-104DR	WT	G	7.17.24	1207																	X		N/A
2	MW-104SR	WT	G	7.17.24	1233																	X		N/A
3	MW-150	WT	G				2			2								X		X		X		24061963-001
4	MW-151	WT	G				2			2								X		X		X		24061963-002
5	MW-152	WT	G				2			2								X		X		X		24061963-003
6	MW-153	WT	G				2			2								X		X		X		24061963-004
7	MW-154	WT	G																			X		N/A
8	MW-155	WT	G																			X		N/A
9	MW-192	WT	G	7.17.24	1412		2			2							X		X					24061963-005
10	MW-193	WT	G	7-17-24	0826		2			2							X		X					24061963-006
11	MW-195	WT	G				2			2											X			24061963-007
12	MW-196	WT	G				2			2											X			24061963-008
13	MW-197	WT	G				2			2											X			24061963-009
14	MW-252	WT	G				2			2								X		X		X		24061963-010
15	MW-253R	WT	G				2			2								X		X		X		24061963-011
16	MW-304	WT	G	7.17.24	1020		2			2							X	X	X	X		X		24061963-012

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
BAL-24Q3 Rev 0	J. Colp	7-17	1600	Paul Selby	7/17/24	1600

SAMPLE CONDITIONS

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

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Justin Colp

SIGNATURE of SAMPLER: Justin Colp DATE Signed (MM/DD/YY): 7-17-24

PN 94651

Added HNO_3 (18584) to MW304, MW384, MW393, MW394, PZ170, MW304 dup

CHAIN-OF-CUSTODY / Analytical Request Document

24061963 BAL-257-605

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Page: 2 of 3

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:	Sam Davies; samantha.davies@vistracorp.com	Company Name:	Vistra Corp
	Baldwin, IL 62217		Kim Edmiaston	Address:	see Section A
Email To:	Brian.Voelker@VistraCorp.com	Purchase Order No.:	Kimberly.Edmiaston@vistracorp.com	Quote Reference:	
Phone:	(217) 753-8911 Fax:	Project Name:		Project Manager:	
Requested Due Date/TAT:	10 day	Project Number:	2285	Profile #:	

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)	Radium 226/228, only: Project No./ Lab I.D.
1	MW-350R	WT	G				2			2									X		X		X		24061963-013
2	MW-352	WT	G				2			2									X		X		X		24061963-014
3	MW-355	WT	G																				X		N/A
4	MW-356	WT	G				2			2								X		X					24061963-015
5	MW-358	WT	G				2			2								X	X	X	X				24061963-016
6	MW-366	WT	G				2			2									X		X				24061963-017
7	MW-369	WT	G				2			2								X		X					24061963-018
8	MW-370	WT	G				2			2								X		X					24061963-019
9	MW-375	WT	G				2			2									X		X				24061963-020
10	MW-377	WT	G				2			2									X		X				24061963-021
11	MW-382	WT	G				2			2								X		X					24061963-022
12	MW-383	WT	G	7-17-24	1115		2			2									X		X				24061963-023
13	MW-384	WT	G	7-17-24	1211		2			2									X		X				24061963-024
14	MW-390	WT	G	7-17-24	1332		2			2									X		X				24061963-025
15	MW-391	WT	G				2			2									X		X				24061963-026
16	MW-392	WT	G	7.17.24	1323		2			2								X		X					24061963-027

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
BAL-24Q3 Rev 0	J. Colp	7-17	1600	Paul Bailey	7/17/24	1600	

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): 7-17-24				

CHAIN-OF-CUSTODY / Analytical Request Document

24061963

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Page: 3 of 3

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:	Sam Davies: samantha.davies@vistracorp.com	Company Name:	Vistra Corp
	Baldwin, IL 62217		Kim Edmiaston	Address:	see Section A
Email To:	Brian.Voelker@VistraCorp.com	Purchase Order No.:	Kimberly.Edmiaston@vistracorp.com	Quote Reference:	
Phone:	(217) 753-8911 Fax:	Project Name:		Project Manager:	
Requested Due Date/TAT:	10 day	Project Number:	2285	Profile #:	

REGULATORY AGENCY

NPDES GROUND WATER DRINKING WATER
UST RCRA OTHER

Site Location STATE: IL

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 #	Section D Required Client Information: SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE	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)	Radium 226/228, only: Project No./ Lab I.D.
1	MW-393	WT	G	7-17-24	0908		2			2							X		X					24061963-~~02~~ 028
2	MW-394	WT	G	7-17-24	0954		2			2							X		X					24061963-~~26~~ 029
3	OW-156	WT	G	7-17-24	931																	X		N/A
4	OW-157	WT	G	7-17-24	955																	X		N/A
5	OW-256	WT	G	7-17-24	1406		2			2							X		X					24061963-~~30~~ 030
6	OW-257	WT	G	7-17-24	1033		2			2							X		X					24061963-~~31~~ 031
7	PZ-170	WT	G	7-17-24	1225		2			2							X		X					24061963-~~32~~ 022
8	PZ-182	WT	G	7-17-24	1138		2			2							X		X					24061963-~~33~~ 023
9	TPZ-164	WT	G				2			2							X		X					24061963-~~34~~ 024
10	XPW01	WT	G				2			2							X		X					24061963-~~35~~ 025
11	XPW05	WT	G				2			2							X		X					24061963-~~36~~ 026
12	XPW06	WT	G				2			2							X		X					24061963-~~37~~ 027
13	Field Blank	WT	G				2			2							X	X	X	X	X	X		24061963-~~38~~ 028
14	MW-304 Duplicate	WT	G	7.17.24	1020		2			2							X	X	X	X		X		24061963-~~39~~ 029
15	Equipment Blank 1	WT	G				2			2							X	X	X	X	X	X		24061963-~~40~~ 040
16																								

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS	Y	N	
BAL-24Q3 Rev 0	J. Colp	7-17	1600	Paul Gatley	7/17/24	1600	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 Colp

SIGNATURE of SAMPLER: Justin Colp DATE Signed (MM/DD/YY): 7-17-24

CHAIN-OF-CUSTODY / Analytical Request Document

24061963

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

Page: 1 of 3

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: Sam Davies: samantha.davies@vistracorp.com	Company Name: Vistra Corp
Baldwin, IL 62217	Kim Edmiaston	Address: see Section A
Email To: Brian.Voelker@VistraCorp.com	Purchase Order No.: Kimberly.Edmiaston@vistracorp.com	Quote Reference:
Phone: (217) 753-8911 Fax:	Project Name:	Project Manager:
Requested Due Date/TAT: 10 day	Project Number: 2285	Profile #:

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)	Radium 226/228, only: Project No./ Lab I.D.
1	MW-104DR	WT	G																			X		N/A
2	MW-104SR	WT	G																			X		N/A
3	MW-150	WT	G	7-18-24	1257		2			2								X		X		X		24061963-001
4	MW-151	WT	G	7-18-24	1532		2			2								X		X		X		24061963-002
5	MW-152	WT	G	7-17-24	1046		2			2								X		X		X		24061963-003
6	MW-153	WT	G	7-18-24	0836		2			2								X		X		X		24061963-004
7	MW-154	WT	G																			X		N/A
8	MW-155	WT	G																			X		N/A
9	MW-192	WT	G				2			2							X		X					24061963-005
10	MW-193	WT	G				2			2							X		X					24061963-006
11	MW-195	WT	G				2			2											X			24061963-007
12	MW-196	WT	G				2			2											X			24061963-008
13	MW-197	WT	G				2			2											X			24061963-009
14	MW-252	WT	G	7-18-24	1118		2			2								X		X		X		24061963-010
15	MW-253R	WT	G	7-18-24	0924		2			2								X		X		X		24061963-011
16	MW-304	WT	G				2			2							X	X	X	X		X		24061963-012

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
BAL-24Q3 Rev 0		7-18	1630		7/18	1630

SAMPLE CONDITIONS

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

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Justin Colp

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

FAL/96651
PS 7/19

LTG 9 on ice

CHAIN-OF-CUSTODY / Analytical Request Document

24061963 05

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Page: 2 of 3

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:	Sam Davies: samantha.davies@vistracorp.com	Company Name:	Vistra Corp
	Baldwin, IL 62217		Kim Edmiaston	Address:	see Section A
Email To:	Brian.Voelker@VistraCorp.com	Purchase Order No.:	Kimberly.Edmiaston@vistracorp.com	Quote Reference:	
Phone:	(217) 753-8911 Fax:	Project Name:		Project Manager:	
Requested Due Date/TAT:	10 day	Project Number:	2285	Profile #:	

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

ITEM #	SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	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) 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)	Radium 226/228, only: Project No./ Lab I.D.
1	MW-350R	WT	G	7-18-24	1348		2			2								X		X		X		24061963-013
2	MW-352	WT	G	7-18-24	1201		2			2								X		X		X		24061963-014
3	MW-355	WT	G																			X		N/A
4	MW-356	WT	G	7-18-24	955		2			2							X		X					24061963-015
5	MW-358	WT	G	7-18-24	1110		2			2							X	X	X	X				24061963-016
6	MW-366	WT	G	7-18-24	1204		2			2								X		X				24061963-017
7	MW-369	WT	G	7.18.24	956		2			2							X		X					24061963-018
8	MW-370	WT	G	7.18.24	1051		2			2							X		X					24061963-019
9	MW-375	WT	G	7.18.24	1323		2			2								X		X				24061963-020
10	MW-377	WT	G	7.18.24	1441		2			2								X		X				24061963-021
11	MW-382	WT	G	7.18.24	1204		2			2							X		X					24061963-022
12	MW-383	WT	G				2			2								X		X				24061963-023
13	MW-384	WT	G				2			2								X		X				24061963-024
14	MW-390	WT	G				2			2								X		X				24061963-025
15	MW-391	WT	G				2			2								X		X				24061963-026
16	MW-392	WT	G				2			2							X		X					24061963-027

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS	Y	N	
BAL-24Q3 Rev 0	[signature]	7-18	1630	[signature]	7/18	1630				
							10.7	Y		

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: JUSTIN GOLP

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

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

LTG 9 on ice

CHAIN-OF-CUSTODY / Analytical Request Document

24061963

BAL-257-605

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Page: 3 of 3

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:	Sam Davies: samantha.davies@vistracorp.com	Company Name:	Vistra Corp
	Baldwin, IL 62217		Kim Edmiaston	Address:	see Section A
Email To:	Brian.Voelker@VistraCorp.com	Purchase Order No.:	Kimberly.Edmiaston@vistracorp.com	Quote Reference:	
Phone:	(217) 753-8911 Fax:	Project Name:		Project Manager:	
Requested Due Date/TAT:	10 day	Project Number:	2285	Profile #:	

REGULATORY AGENCY

NPDES GROUND WATER DRINKING WATER

UST RCRA OTHER

Site Location STATE: IL

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 #	Section D Required Client Information: SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE	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) 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)	Radium 226/228, only: Project No./ Lab I.D.
1	MW-393	WT	G				2			2							X		X					24061963-027
2	MW-394	WT	G				2			2							X		X					24061963-28
3	OW-156	WT	G																			X		N/A
4	OW-157	WT	G																			X		N/A
5	OW-256	WT	G				2			2							X		X					24061963-30
6	OW-257	WT	G				2			2							X		X					24061963-31
7	PZ-170	WT	G				2			2							X		X					24061963-32
8	PZ-182	WT	G				2			2							X		X					24061963-33
9	TPZ-164	WT	G				2			2							X		X					24061963-34
10	XPW01	WT	G				2			2							X		X					24061963-35
11	XPW05	WT	G				2			2							X		X					24061963-36
12	XPW06	WT	G				2			2							X		X					24061963-37
13	Field Blank	WT	G				2			2							X	X	X	X	X	X		24061963-38
14	MW-304 Duplicate	WT	G				2			2							X	X	X	X		X		24061963-39
15	Equipment Blank 1	WT	G				2			2							X	X	X	X	X	X		24061963-40
16	PZ 174			7-19-24	1501																			24061963-041

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
BAL-24Q3 Rev 0		7-18	1625		7/18	1630

SAMPLE CONDITIONS

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

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Justin Cole

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

UG 9 on ice

EDH 7/19/24

Temps 5.7 TR
LTC#5 7/19/24
phw9445

CHAIN-OF-CUSTODY / Analytical Request Document

24061963

BAL-257-605

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

Page: 1 of 3

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: Sam Davies: samantha.davies@vistracorp.com	Company Name: Vistra Corp
Baldwin, IL 62217	Kim Edmiaston	Address: see Section A
Email To: Brian.Voelker@VistraCorp.com	Purchase Order No.: Kimberly.Edmiaston@vistracorp.com	Quote Reference:
Phone: (217) 753-8911 Fax:	Project Name:	Project Manager:
Requested Due Date/TAT: 10 day	Project Number: 2285	Profile #:

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)	Radium 226/228, only: Project No./ Lab I.D.
1	MW-104DR	WT	G																		X			N/A
2	MW-104SR	WT	G																		X			N/A
3	MW-150	WT	G				2			2								X		X		X		24061963-001
4	MW-151	WT	G				2			2								X		X		X		24061963-002
5	MW-152	WT	G				2			2								X		X		X		24061963-003
6	MW-153	WT	G				2			2								X		X		X		24061963-004
7	MW-154	WT	G	7-19-24	1001																	X		N/A
8	MW-155	WT	G																			X		N/A
9	MW-192	WT	G				2			2							X		X					24061963-005
10	MW-193	WT	G				2			2							X		X					24061963-006
11	MW-195	WT	G	7-19-24	0943		2			2											X			24061963-007
12	MW-196	WT	G				2			2											X			24061963-008
13	MW-197	WT	G	7-19-24	1024		2			2											X			24061963-009
14	MW-252	WT	G				2			2								X		X		X		24061963-010
15	MW-253R	WT	G				2			2								X		X		X		24061963-011
16	MW-304	WT	G				2			2							X	X	X	X		X		24061963-012

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
BAL-24Q3 Rev 0	[signature]	7-18	1220	[signature]	7/19/24	1120	5.7 #5

SAMPLER NAME AND SIGNATURE					
PRINT Name of SAMPLER:	Justin Cole				
SIGNATURE of SAMPLER:	[signature]	DATE Signed (MM/DD/YY):	7-19-24	Temp in °C	Received on Ice (Y/N): Y
					Custody Sealed Cooler (Y/N): N
					Samples Intact (Y/N)

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: Sam Davies: samantha.davies@vistracorp.com	Company Name: Vistra Corp
Baldwin, IL 62217	Kim Edmiaston	Address: see Section A
Email To: Brian.Voelker@VistraCorp.com	Purchase Order No.: Kimberly.Edmiaston@vistracorp.com	Quote Reference:
Phone: (217) 753-8911 Fax:	Project Name:	Project Manager:
Requested Due Date/TAT: 10 day	Project Number: 2285	Profile #:

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)

Radium 226/228, 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-350R	WT	G				2			2								X		X		X		24061963-013
2	MW-352	WT	G				2			2								X		X		X		24061963-014
3	MW-355	WT	G																			X		N/A
4	MW-356	WT	G				2			2							X		X					24061963-015
5	MW-358	WT	G				2			2							X	X	X	X				24061963-016
6	MW-366	WT	G				2			2								X		X				24061963-017
7	MW-369	WT	G				2			2							X		X					24061963-018
8	MW-370	WT	G				2			2							X		X					24061963-019
9	MW-375	WT	G				2			2								X		X				24061963-020
10	MW-377	WT	G				2			2								X		X				24061963-021
11	MW-382	WT	G				2			2							X		X					24061963-022
12	MW-383	WT	G				2			2								X		X				24061963-023
13	MW-384	WT	G				2			2								X		X				24061963-024
14	MW-390	WT	G				2			2								X		X				24061963-025
15	MW-391	WT	G	7-19-24	1105		2			2								X		X				24061963-026
16	MW-392	WT	G				2			2							X		X					24061963-027

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
BAL-24Q3 Rev 0	[signature]	7-19	1220	[signature]	7/19/24	1220	

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:	[signature]	DATE Signed (MM/DD/YY): 7-19-24				

24061963

CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: 3 of 3

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: Sam Davies: samantha.davies@vistracorp.com	Company Name: Vistra Corp
Baldwin, IL 62217	Kim Edmiaston	Address: see Section A
Email To: Brian.Voelker@VistraCorp.com	Purchase Order No.: Kimberly.Edmiaston@vistracorp.com	Quote Reference:
Phone: (217) 753-8911 Fax:	Project Name:	Project Manager:
Requested Due Date/TAT: 10 day	Project Number: 2285	Profile #:

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)	Radium 226/228, only: Project No./ Lab I.D.
1	MW-393	WT	G				2			2							X		X					24061963-027
2	MW-394	WT	G				2			2							X		X					24061963-28
3	OW-156	WT	G																			X		N/A
4	OW-157	WT	G																			X		N/A
5	OW-256	WT	G				2			2							X		X					24061963-30
6	OW-257	WT	G				2			2							X		X					24061963-31
7	~~PZ-170~~ PZ-176	WT	G	7-22	1012		2			2							X		X					24061963-~~32~~ 043
8	~~PZ-182~~ PZ-176	WT	G	7-22	1056		2			2							X		X					24061963-~~33~~ 042
9	TPZ-164	WT	G	7-22	1313		2			2							X		X					24061963-34
10	XPW01	WT	G	7-22	1203		2			2							X		X					24061963-35
11	XPW05	WT	G	7-22	1242		2			2							X		X					24061963-36
12	XPW06	WT	G	7-22	1127		2			2							X		X					24061963-37
13	Field Blank	WT	G				2			2							X	X	X	X	X	X		24061963-38
14	MW-304 Duplicate	WT	G				2			2							X	X	X	X		X		24061963-39
15	Equipment Blank 1	WT	G				2			2							X	X	X	X	X	X		24061963-40
16	PZ-178 DUP			7-22	1012																			24061963-45

Requested Analysis Filtered (Y/N)

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
BAL-24Q3 Rev 0	J. Colp	7-22	1450	Umber DeCarlo	7/22/24	1450	17.3	>	z	Y
							0.0	Y	N	

SAMPLER NAME AND SIGNATURE		
PRINT Name of SAMPLER:	Justin Colp	
SIGNATURE of SAMPLER:		DATE Signed (MM/DD/YY): 7-22-24

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

pH ✓ 906651 Um 7/22/24

CHAIN-OF-CUSTODY / Analytical Request Document

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Page: 1 of 3

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:	Sam Davies: samantha.davies@vistracorp.com	Company Name:	Vistra Corp
	Baldwin, IL 62217		Kim Edmiaston	Address:	see Section A
Email To:	Brian.Voelker@VistraCorp.com	Purchase Order No.:	Kimberly.Edmiaston@vistracorp.com	Quote Reference:	
Phone:	(217) 753-8911 Fax:	Project Name:		Project Manager:	
Requested Due Date/TAT:	10 day	Project Number:	2285	Profile #:	

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)	Radium 226/228, only Project No./ Lab I.D.
1	MW-104DR	WT	G																		X			N/A
2	MW-104SR	WT	G																		X			N/A
3	MW-150	WT	G				2			2								X		X		X		24061963-001
4	MW-151	WT	G				2			2								X		X		X		24061963-002
5	MW-152	WT	G				2			2								X		X		X		24061963-003
6	MW-153	WT	G				2			2								X		X		X		24061963-004
7	MW-154	WT	G																			X		N/A
8	MW-155	WT	G	7-23-24	1128																	X		N/A
9	MW-192	WT	G				2			2							X		X					24061963-005
10	MW-193	WT	G				2			2							X		X					24061963-006
11	MW-195	WT	G				2			2											X			24061963-007
12	MW-196	WT	G	7-23-24	1034		2			2											X			24061963-008
13	MW-197	WT	G				2			2											X			24061963-009
14	MW-252	WT	G				2			2								X		X		X		24061963-010
15	MW-253R	WT	G				2			2								X		X		X		24061963-011
16	MW-304	WT	G				2			2							X	X	X	X		X		24061963-012

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS	Y	N	
BAL-24Q3 Rev 0		7/23/24	1324		7/23/24	1524				

SAMPLER NAME AND SIGNATURE			Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER:	Justin Cole					
SIGNATURE of SAMPLER:		DATE Signed (MM/DD/YY): 7-23-24				

=22.3 1195

PHV96051 NO 7/23

CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: 2 of 3

Section A Required Client Information:

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

Section B Required Project Information:

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

Section C Invoice Information:

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

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)	Radium 226/228, only: Project No./ Lab I.D.
1	MW-350R	WT	G				2			2								X		X		X		24061963-013
2	MW-352	WT	G				2			2								X		X		X		24061963-014
3	MW-355	WT	G	7-23-24	1153																	X		N/A
4	MW-356	WT	G				2			2							X		X					24061963-015
5	MW-358	WT	G				2			2							X	X	X	X				24061963-016
6	MW-366	WT	G				2			2								X		X				24061963-017
7	MW-369	WT	G				2			2							X		X					24061963-018
8	MW-370	WT	G				2			2							X		X					24061963-019
9	MW-375	WT	G				2			2								X		X				24061963-020
10	MW-377	WT	G				2			2								X		X				24061963-021
11	MW-382	WT	G				2			2							X		X					24061963-022
12	MW-383	WT	G				2			2								X		X				24061963-023
13	MW-384	WT	G				2			2								X		X				24061963-024
14	MW-390	WT	G				2			2								X		X				24061963-025
15	MW-391	WT	G				2			2								X		X				24061963-026
16	MW-392	WT	G				2			2							X		X					24061963-027

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
BAL-24Q3 Rev 0		7/23/24	1324		7/23/24	1324

SAMPLE CONDITIONS

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

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Justin Calf

SIGNATURE of SAMPLER:

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

CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: 3 of 3

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: Sam Davies: samantha.davies@vistracorp.com	Company Name: Vistra Corp
Baldwin, IL 62217	Kim Edmiaston	Address: see Section A
Email To: Brian.Voelker@VistraCorp.com	Purchase Order No.: Kimberly.Edmiaston@vistracorp.com	Quote Reference:
Phone: (217) 753-8911 Fax:	Project Name:	Project Manager:
Requested Due Date/TAT: 10 day	Project Number: 2285	Profile #:

REGULATORY AGENCY

NPDES GROUND WATER DRINKING WATER
UST RCRA OTHER

Site Location STATE: IL

Requested Analysis Filtered (Y/N)

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)	Radium 226/228, only: Project No./ Lab I.D.
1	MW-393	WT	G				2			2							X		X					24061963-027
2	MW-394	WT	G				2			2							X		X					24061963-28
3	OW-156	WT	G																			X		N/A
4	OW-157	WT	G																			X		N/A
5	OW-256	WT	G				2			2							X		X					24061963-30
6	OW-257	WT	G				2			2							X		X					24061963-31
7	PZ-170	WT	G				2			2							X		X					24061963-32
8	PZ-182	WT	G				2			2							X		X					24061963-33
9	TPZ-164	WT	G				2			2							X		X					24061963-34
10	XPW01	WT	G				2			2							X		X					24061963-35
11	XPW05	WT	G				2			2							X		X					24061963-36
12	XPW06	WT	G				2			2							X		X					24061963-37
13	Field Blank	WT	G	7-23-24	1704		2			2							X	X	X	X	X	X		24061963-38
14	MW-304 Duplicate	WT	G				2			2							X	X	X	X		X		24061963-39
15	Equipment Blank 1	WT	G	7-23-24	1211		2			2							X	X	X	X	X	X		24061963-40
16																								

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
BAL-24Q3 Rev 0	[signature]	7/23/24	1324	[signature]	7/23/24	1324

SAMPLE CONDITIONS: Y / N

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Justin Colf

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 7-23-24

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 8/26/2024 2:19:06 PM Revision 1

JOB DESCRIPTION

Radium-226 and Radium-228
24061963

JOB NUMBER

160-54800-1

Eurofins St. Louis
13715 Rider Trail North
Earth City MO 63045

See page two for job notes and contact information.

my EOL

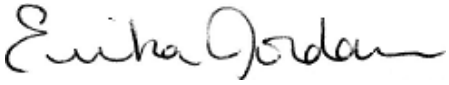
Eurofins St. Louis

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
8/26/2024 2:19:06 PM
Revision 1

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

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QC Association Summary 44
Tracer Carrier Summary 47

CASE NARRATIVE

Client: TekLab, Inc

Project: 24061963

Report Number: 160-54800-1 Revision 1

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

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

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

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

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

All solid sample results for Chemistry analyses are reported on an ""as received"" basis unless otherwise indicated by the presence of a % solids value in the method header. All soil/sediment sample results for radiochemistry analyses are based upon sample as dried and disaggregated with the exception of tritium, carbon-14, and iodine-129 by gamma spectroscopy unless requested as wet weight by the client."

Any minimum detectable concentration (MDC), critical value (DLC), or Safe Drinking Water Act detection limit (SDWA DL) is sample-specific unless otherwise stated elsewhere in this narrative.

Radiochemistry sample results are reported with the count date/time applied as the Activity Reference Date.

The matrix for the Method Blank and LCS/LCSD is as close to the samples as can be reasonably achieved. Detailed information can be found in the most current revision of the associated SOP.

The method blank (MB) z-score is within limits, unless stated otherwise below.

Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.

Reference the chain of custody and receipt report for any variations on receipt conditions.

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

Revision
The report being provided is a revision of the original report sent on 8/20/2024. The report (revision 1) is being revised in order to correct a collection time for sample 24061963-017 that was inaccurate on the original chain-of-custody (COC). Additionally, sample 24061963-007 was removed from the original report as requested. The email request is included with the revised report.

Receipt
The samples were received on 7/24/2024 12:45 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved. The temperatures of the 4 coolers at receipt time were 21.6°C, 21.7°C, 21.9°C and 22.4°C.

There was a transcription error from the field to the Chain-of-Custody (CoC). 24061963-003 should be reported as collected at 1044, rather than 1046. The email will be included in the final report for documentation.

Job ID: 160-54800-1 (Continued)

Eurofins St. Louis

Method 903.0 - Radium-226 (GFPC)
Samples 24061963-001 (160-54800-1), 24061963-002 (160-54800-2), 24061963-003 (160-54800-3), 24061963-004 (160-54800-4), 24061963-005 (160-54800-5), 24061963-006 (160-54800-6), 24061963-008 (160-54800-8), 24061963-009 (160-54800-9), 24061963-010 (160-54800-10), 24061963-011 (160-54800-11), 24061963-012 (160-54800-12), 24061963-013 (160-54800-13), 24061963-014 (160-54800-14), 24061963-015 (160-54800-15), 24061963-016 (160-54800-16), 24061963-017 (160-54800-17), 24061963-018 (160-54800-18), 24061963-019 (160-54800-19), 24061963-020 (160-54800-20), 24061963-021 (160-54800-21), 24061963-022 (160-54800-22), 24061963-023 (160-54800-23), 24061963-024 (160-54800-24), 24061963-025 (160-54800-25), 24061963-026 (160-54800-26), 24061963-027 (160-54800-27), 24061963-028 (160-54800-28), 24061963-029 (160-54800-29), 24061963-030 (160-54800-30), 24061963-031 (160-54800-31), 24061963-032 (160-54800-32), 24061963-033 (160-54800-33), 24061963-034 (160-54800-34), 24061963-035 (160-54800-35), 24061963-036 (160-54800-36), 24061963-037 (160-54800-37), 24061963-038 (160-54800-38), 24061963-039 (160-54800-39), 24061963-040 (160-54800-40), 24061963-041 (160-54800-41), 24061963-042 (160-54800-42), 24061963-043 (160-54800-43) and 24061963-045 (160-54800-44) were analyzed for Radium-226 (GFPC). The samples were prepared on 7/25/2024 and 7/26/2024 and analyzed on 8/16/2024 and 8/19/2024.

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

Method 904.0 - Radium-228 (GFPC)
Samples 24061963-001 (160-54800-1), 24061963-002 (160-54800-2), 24061963-003 (160-54800-3), 24061963-004 (160-54800-4), 24061963-005 (160-54800-5), 24061963-006 (160-54800-6), 24061963-008 (160-54800-8), 24061963-009 (160-54800-9), 24061963-010 (160-54800-10), 24061963-011 (160-54800-11), 24061963-012 (160-54800-12), 24061963-013 (160-54800-13), 24061963-014 (160-54800-14), 24061963-015 (160-54800-15), 24061963-016 (160-54800-16), 24061963-017 (160-54800-17), 24061963-018 (160-54800-18), 24061963-019 (160-54800-19), 24061963-020 (160-54800-20), 24061963-021 (160-54800-21), 24061963-022 (160-54800-22), 24061963-023 (160-54800-23), 24061963-024 (160-54800-24), 24061963-025 (160-54800-25), 24061963-026 (160-54800-26), 24061963-027 (160-54800-27), 24061963-028 (160-54800-28), 24061963-029 (160-54800-29), 24061963-030 (160-54800-30), 24061963-031 (160-54800-31), 24061963-032 (160-54800-32), 24061963-033 (160-54800-33), 24061963-034 (160-54800-34), 24061963-035 (160-54800-35), 24061963-036 (160-54800-36), 24061963-037 (160-54800-37), 24061963-038 (160-54800-38), 24061963-039 (160-54800-39), 24061963-040 (160-54800-40), 24061963-041 (160-54800-41), 24061963-042 (160-54800-42), 24061963-043 (160-54800-43) and 24061963-045 (160-54800-44) were analyzed for Radium-228 (GFPC). The samples were prepared on 7/25/2024 and 7/26/2024 and analyzed on 8/5/2024 and 8/6/2024.

The detection goal was not met for the following sample due to the reduced sample volume attributed to the presence of matrix interferences: 24061963-004 (160-54800-4) . Analytical results are reported with the detection limit achieved.

The detection goal was not met for the following samples due to the reduced sample volume attributed to the presence of matrix interferences: 24061963-022 (160-54800-22) and 24061963-033 (160-54800-33) . Analytical results are reported with the detection limit achieved.

The Radium-228 laboratory control sample(LCS) recovery associated with the following sample(s) is outside the upper QC limit, indicating a potential positive bias for that analyte. This analyte was not observed above the MDC/RL in the associated samples; therefore the sample data is not adversely affected by this excursion. The data have been reported with this narrative.
24061963-040 (160-54800-40), 24061963-041 (160-54800-41), 24061963-042 (160-54800-42), 24061963-043 (160-54800-43) and 24061963-045 (160-54800-44)

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

Method Ra226_Ra228 Pos - Combined Radium-226 and Radium-228
Samples 24061963-001 (160-54800-1), 24061963-002 (160-54800-2), 24061963-003 (160-54800-3), 24061963-004 (160-54800-4), 24061963-005 (160-54800-5), 24061963-006 (160-54800-6), 24061963-008 (160-54800-8), 24061963-009 (160-54800-9), 24061963-010 (160-54800-10), 24061963-011 (160-54800-11), 24061963-012 (160-54800-12), 24061963-013 (160-54800-13), 24061963-014 (160-54800-14), 24061963-015 (160-54800-15), 24061963-016 (160-54800-16), 24061963-017 (160-54800-17), 24061963-018 (160-54800-18), 24061963-019 (160-54800-19), 24061963-020 (160-54800-20), 24061963-021 (160-54800-21), 24061963-022 (160-54800-22), 24061963-023 (160-54800-23), 24061963-024 (160-54800-24), 24061963-025 (160-54800-25), 24061963-026 (160-54800-26), 24061963-027 (160-54800-27), 24061963-028 (160-54800-28), 24061963-029 (160-54800-29), 24061963-030 (160-54800-30), 24061963-031 (160-54800-31), 24061963-032 (160-54800-32), 24061963-033 (160-54800-33), 24061963-034 (160-54800-34), 24061963-035 (160-54800-35), 24061963-036 (160-54800-36), 24061963-037 (160-54800-37), 24061963-038 (160-54800-38), 24061963-039 (160-54800-39), 24061963-040 (160-54800-40), 24061963-041 (160-54800-41), 24061963-042 (160-54800-42), 24061963-043 (160-54800-43) and 24061963-045 (160-54800-44) were analyzed for Combined Radium-226 and Radium-228. The samples were analyzed on 8/20/2024.

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

Erika Jordan

From: Elizabeth A. Hurley <EHurley@TekLabInc.com>
Sent: Thursday, July 25, 2024 2:51 PM
To: Erika Jordan
Subject: RE: Eurofins TestAmerica sample confirmation files from 160-54800-1 Radium-226 and Radium-228

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

Hi, Erika,

There was a transcription error from the field to the CoC. 24061963-003 should be reported as collected at 1044 rather than 1046. Please update the time prior to final reporting.

Thanks for your help.

Have a great day!

Elizabeth Hurley
Director of Customer Service



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

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From: Erika Jordan <TALS@reports.et.eurofinsus.com>
Sent: Wednesday, July 24, 2024 3:31 PM
To: Elizabeth A. Hurley <EHurley@TekLabInc.com>
Subject: Eurofins TestAmerica sample confirmation files from 160-54800-1 Radium-226 and Radium-228

Good afternoon!

Attached please find the sample confirmation files for job 160-54800-1; Radium-226 and Radium-228

The samples were received on 7/24/2024 12:45 PM.

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

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

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

Thank you.

Erika Jordan
Project Manager

Eurofins St. Louis

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



Reference: [160-300574]
Attachments: 1

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

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, Inc. 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# 24061963

Contact: Elizabeth Hurley Email: EHurley@TekLabInc.com
Requested Due Date: Standard TAT Billing/PO: 36676 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
	24061963-001	7/18/24 1257	HNO3	Groundwater	✔	✔	✔
	24061963-002	7/18/24 1332	HNO3	Groundwater	✔	✔	✔
	24061963-003	7/18/24 1046	HNO3	Groundwater	✔	✔	✔
	24061963-004	7/18/24 0836	HNO3	Groundwater	✔	✔	✔
	24061963-005	7/17/24 1412	HNO3	Groundwater	✔	✔	✔
	24061963-006	7/17/24 0826	HNO3	Groundwater	✔	✔	✔
	24061963-007	7/19/24 0943	HNO3	Groundwater	✔	✔	✔
	24061963-008	7/23/24 1034	HNO3	Groundwater	✔	✔	✔
	24061963-009	7/19/24 1024	HNO3	Groundwater	✔	✔	✔
	24061963-010	7/18/24 1118	HNO3	Groundwater	✔	✔	✔
	24061963-011	7/18/24 0924	HNO3	Groundwater	✔	✔	✔

160-54800 Chain of Custody

*Relinquished By	Date/Time	Received By	Date/Time
[signature]	7/24/24 1130	[signature]	7/24/24 1130
	7/24/24 1245		7/24/24 1245

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SubCocRevA 3/2/2016

ANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-257-605
APPENDIX A.

8/26/2024 (Rev. 1)

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, Inc. 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# 24061963

Contact: Elizabeth Hurley Email: EHurley@TekLabInc.com
Requested Due Date: Standard TAT Billing/PO: 36676
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									
	24061963-012	7/17/24 1020	HNO3	Groundwater	✔	✔	✔									
	24061963-013	7/18/24 1348	HNO3	Groundwater	✔	✔	✔									
	24061963-014	7/18/24 1201	HNO3	Groundwater	✔	✔	✔									
	24061963-015	7/18/24 0955	HNO3	Groundwater	✔	✔	✔									
	24061963-016	7/18/24 1110	HNO3	Groundwater	✔	✔	✔									
	24061963-017	7/18/24 1204	HNO3	Groundwater	✔	✔	✔									
	24061963-018	7/18/24 0956	HNO3	Groundwater	✔	✔	✔									
	24061963-019	7/18/24 1051	HNO3	Groundwater	✔	✔	✔									
	24061963-020	7/18/24 1323	HNO3	Groundwater	✔	✔	✔									
	24061963-021	7/18/24 1441	HNO3	Groundwater	✔	✔	✔									
	24061963-022	7/18/24 1204	HNO3	Groundwater	✔	✔	✔									

*Relinquished By	Date/Time	Received By	Date/Time
	7/24/24 1130		7/24/24 1130
	7/24/24 1245		7/24/24 1245

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ANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-257-605

APPENDIX A.

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, Inc. 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# 24061963

Contact: Elizabeth Hurley Email: EHurley@TekLabInc.com
Requested Due Date: Standard TAT Billing/PO: 36676
Phone: (618) 344-1004 ext. 33

PLEASE NOTE:

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Lab Use	Sample ID	Sample Date/Time	Preservative	Matrix	Ra226/228	Radium 226	Radium 228									
	24061963-023	7/17/24 1115	HNO3	Groundwater	✔	✔	✔									
	24061963-024	7/17/24 1211	HNO3	Groundwater	✔	✔	✔									
	24061963-025	7/17/24 1332	HNO3	Groundwater	✔	✔	✔									
	24061963-026	7/19/24 1105	HNO3	Groundwater	✔	✔	✔									
	24061963-027	7/17/24 1323	HNO3	Groundwater	✔	✔	✔									
	24061963-028	7/17/24 0908	HNO3	Groundwater	✔	✔	✔									
	24061963-029	7/17/24 0954	HNO3	Groundwater	✔	✔	✔									
	24061963-030	7/17/24 1406	HNO3	Groundwater	✔	✔	✔									
	24061963-031	7/17/24 1033	HNO3	Groundwater	✔	✔	✔									
	24061963-032	7/17/24 1225	HNO3	Groundwater	✔	✔	✔									
	24061963-033	7/17/24 1138	HNO3	Groundwater	✔	✔	✔									

*Relinquished By	Date/Time	Received By		Date/Time
[signature]	7/24/24 1130	[signature]	7/24/24	7/24/24 1130
	7/24/24 1245			7/24/24 1245

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ANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-257-605
APPENDIX A.

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, Inc. QC Level: 2

Project# 24061963

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

Contact: Elizabeth Hurley Email: EHurley@TekLabInc.com
Requested Due Date: Standard TAT Billing/PO: 36676 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									
	24061963-034	7/22/24 1313	HNO3	Groundwater	✔	✔	✔									
	24061963-035	7/22/24 1203	HNO3	Groundwater	✔	✔	✔									
	24061963-036	7/22/24 1242	HNO3	Groundwater	✔	✔	✔									
	24061963-037	7/22/24 1127	HNO3	Groundwater	✔	✔	✔									
	24061963-038	7/23/24 1204	HNO3	Groundwater	✔	✔	✔									
	24061963-039	7/17/24 1020	HNO3	Groundwater	✔	✔	✔									
	24061963-040	7/23/24 1211	HNO3	Groundwater	✔	✔	✔									
	24061963-041	7/18/24 1501	HNO3	Groundwater	✔	✔	✔									
	24061963-042	7/22/24 1056	HNO3	Groundwater	✔	✔	✔									
	24061963-043	7/22/24 1012	HNO3	Groundwater	✔	✔	✔									
	24061963-045	7/22/24 ~~1450~~ 1012 TE 9m 7/23/24	HNO3	Groundwater	✔	✔	✔									

*Relinquished By	Date/Time	Received By	Date/Time
Linda Rivera	7/24/24 1130		7/24/24 1130
	7/24/24 1245		7/24/24 1245

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SubCocRevA 3/2/2016

APPENDIX A.
ANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-257-605

Erika Jordan

From: Elizabeth A. Hurley <EHurley@TekLabInc.com>
Sent: Monday, August 26, 2024 12:40 PM
To: Erika Jordan
Subject: RE: Eurofins TestAmerica invoice, EDD and report files from 160-54800-1 Radium-226 and Radium-228

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Hi, Erika,

May I request a revised report? Please correct 24061963-017 collection time from 1204 to 1206 to align with the field data file and to omit 24061963-007 (reporting for this well is on hold until further notice).

Thanks!

Elizabeth Hurley
Director of Customer Service



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

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From: Erika Jordan <TALS@reports.et.eurofinsus.com>
Sent: Tuesday, August 20, 2024 3:36 PM
To: Elizabeth A. Hurley <EHurley@TekLabInc.com>
Subject: Eurofins TestAmerica invoice, EDD and report files from 160-54800-1 Radium-226 and Radium-228

Good afternoon!

Attached please find the invoice, EDD and report files for job 160-54800-1; Radium-226 and Radium-228

The samples were received on 7/24/2024 12:45 PM.

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

Thank you and have a great day!

Erika Jordan
Project Manager

Eurofins St. Louis

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

Reference: [160-303303]
Attachments: 4

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

Login Sample Receipt Checklist

Client: TekLab, Inc

Job Number: 160-54800-1
SDG Number: 24061963

Login Number: 54800
List Number: 1
Creator: Pinette, Meadow L

List Source: Eurofins St. Louis

Question	Answer	Comment
Radioactivity wasn't checked or is </= 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: 460-54800-1
SDG: 24061963

Qualifiers

Rad

Qualifier	Qualifier Description
*	LCS or LCSD is outside acceptance limits.
G	The Sample MDC is greater than the requested RL.
U	Result is less than the sample detection limit.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Method Summary

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

Job ID: 160-54800-1
SDG: 24061963

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: 160-54800-1
SDG: 24061963

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
160-54800-1	24061963-001	Water	07/18/24 12:57	07/24/24 12:45
160-54800-2	24061963-002	Water	07/18/24 13:32	07/24/24 12:45
160-54800-3	24061963-003	Water	07/18/24 10:44	07/24/24 12:45
160-54800-4	24061963-004	Water	07/18/24 08:36	07/24/24 12:45
160-54800-5	24061963-005	Water	07/17/24 14:12	07/24/24 12:45
160-54800-6	24061963-006	Water	07/17/24 08:26	07/24/24 12:45
160-54800-8	24061963-008	Water	07/23/24 10:34	07/24/24 12:45
160-54800-9	24061963-009	Water	07/19/24 10:24	07/24/24 12:45
160-54800-10	24061963-010	Water	07/18/24 11:18	07/24/24 12:45
160-54800-11	24061963-011	Water	07/18/24 09:24	07/24/24 12:45
160-54800-12	24061963-012	Water	07/17/24 10:20	07/24/24 12:45
160-54800-13	24061963-013	Water	07/18/24 13:48	07/24/24 12:45
160-54800-14	24061963-014	Water	07/18/24 12:01	07/24/24 12:45
160-54800-15	24061963-015	Water	07/18/24 09:55	07/24/24 12:45
160-54800-16	24061963-016	Water	07/18/24 11:10	07/24/24 12:45
160-54800-17	24061963-017	Water	07/18/24 12:06	07/24/24 12:45
160-54800-18	24061963-018	Water	07/18/24 09:56	07/24/24 12:45
160-54800-19	24061963-019	Water	07/18/24 10:51	07/24/24 12:45
160-54800-20	24061963-020	Water	07/18/24 13:23	07/24/24 12:45
160-54800-21	24061963-021	Water	07/18/24 14:41	07/24/24 12:45
160-54800-22	24061963-022	Water	07/18/24 12:04	07/24/24 12:45
160-54800-23	24061963-023	Water	07/17/24 11:15	07/24/24 12:45
160-54800-24	24061963-024	Water	07/17/24 12:11	07/24/24 12:45
160-54800-25	24061963-025	Water	07/17/24 13:32	07/24/24 12:45
160-54800-26	24061963-026	Water	07/19/24 11:05	07/24/24 12:45
160-54800-27	24061963-027	Water	07/17/24 13:23	07/24/24 12:45
160-54800-28	24061963-028	Water	07/17/24 09:08	07/24/24 12:45
160-54800-29	24061963-029	Water	07/17/24 09:54	07/24/24 12:45
160-54800-30	24061963-030	Water	07/17/24 14:06	07/24/24 12:45
160-54800-31	24061963-031	Water	07/17/24 10:33	07/24/24 12:45
160-54800-32	24061963-032	Water	07/17/24 12:25	07/24/24 12:45
160-54800-33	24061963-033	Water	07/17/24 11:38	07/24/24 12:45
160-54800-34	24061963-034	Water	07/22/24 13:13	07/24/24 12:45
160-54800-35	24061963-035	Water	07/22/24 12:03	07/24/24 12:45
160-54800-36	24061963-036	Water	07/22/24 12:42	07/24/24 12:45
160-54800-37	24061963-037	Water	07/22/24 11:27	07/24/24 12:45
160-54800-38	24061963-038	Water	07/23/24 12:04	07/24/24 12:45
160-54800-39	24061963-039	Water	07/17/24 10:20	07/24/24 12:45
160-54800-40	24061963-040	Water	07/23/24 12:11	07/24/24 12:45
160-54800-41	24061963-041	Water	07/18/24 15:01	07/24/24 12:45
160-54800-42	24061963-042	Water	07/22/24 10:56	07/24/24 12:45
160-54800-43	24061963-043	Water	07/22/24 10:12	07/24/24 12:45
160-54800-44	24061963-045	Water	07/22/24 10:12	07/24/24 12:45

Client Sample Results

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

Lab ID: 160-54800-1
SDG: 24061963

Client Sample ID: 24061963-001

Date Collected: 07/18/24 12:57
Date Received: 07/24/24 12:45

Lab Sample ID: 160-54800-1

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	0.0216	U	0.0643	0.0643	1.00	0.120	pCi/L	07/25/24 08:14	08/16/24 07:45	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*92.1*		*30 - 110*	*07/25/24 08:14*	*08/16/24 07:45*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.00682	U	0.312	0.312	1.00	0.581	pCi/L	07/25/24 08:17	08/05/24 11:42	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*92.1*		*30 - 110*	*07/25/24 08:17*	*08/05/24 11:42*	*1*
Y Carrier	*82.2*		*30 - 110*	*07/25/24 08:17*	*08/05/24 11:42*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.0284	U	0.319	0.319	5.00	0.581	pCi/L		08/20/24 10:30	1

Client Sample ID: 24061963-002

Date Collected: 07/18/24 13:32
Date Received: 07/24/24 12:45

Lab Sample ID: 160-54800-2

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	**0.177**		0.0832	0.0847	1.00	0.0932	pCi/L	07/25/24 08:14	08/16/24 07:45	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*93.5*		*30 - 110*	*07/25/24 08:14*	*08/16/24 07:45*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**0.666**		0.362	0.368	1.00	0.500	pCi/L	07/25/24 08:17	08/05/24 11:42	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*93.5*		*30 - 110*	*07/25/24 08:17*	*08/05/24 11:42*	*1*
Y Carrier	*76.3*		*30 - 110*	*07/25/24 08:17*	*08/05/24 11:42*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	**0.843**		0.371	0.378	5.00	0.500	pCi/L		08/20/24 10:30	1

Client Sample Results

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

Lab ID: 160-54800-1
SDG: 24061963

Client Sample ID: 24061963-003
Date Collected: 07/18/24 10:44
Date Received: 07/24/24 12:45

Lab Sample ID: 160-54800-3
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	-0.0307	U	0.0635	0.0636	1.00	0.138	pCi/L	07/25/24 08:14	08/16/24 07:45	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*87.3*		*30 - 110*	*07/25/24 08:14*	*08/16/24 07:45*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.508	U	0.372	0.374	1.00	0.562	pCi/L	07/25/24 08:17	08/05/24 11:43	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*87.3*		*30 - 110*	*07/25/24 08:17*	*08/05/24 11:43*	*1*
Y Carrier	*79.6*		*30 - 110*	*07/25/24 08:17*	*08/05/24 11:43*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.508	U	0.377	0.379	5.00	0.562	pCi/L		08/20/24 10:30	1

Client Sample ID: 24061963-004
Date Collected: 07/18/24 08:36
Date Received: 07/24/24 12:45

Lab Sample ID: 160-54800-4
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	0.150	U	0.113	0.114	1.00	0.156	pCi/L	07/25/24 08:14	08/16/24 09:35	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*63.3*		*30 - 110*	*07/25/24 08:14*	*08/16/24 09:35*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**1.20**	**G**	0.750	0.758	1.00	1.10	pCi/L	07/25/24 08:17	08/05/24 11:43	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*63.3*		*30 - 110*	*07/25/24 08:17*	*08/05/24 11:43*	*1*
Y Carrier	*77.4*		*30 - 110*	*07/25/24 08:17*	*08/05/24 11:43*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	**1.35**		0.758	0.767	5.00	1.10	pCi/L		08/20/24 10:30	1

Client Sample ID: 24061963-005
Date Collected: 07/17/24 14:12
Date Received: 07/24/24 12:45

Lab Sample ID: 160-54800-5
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	**0.199**		0.0968	0.0985	1.00	0.123	pCi/L	07/25/24 08:14	08/16/24 09:35	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*93.8*		*30 - 110*	*07/25/24 08:14*	*08/16/24 09:35*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.266	U	0.357	0.358	1.00	0.597	pCi/L	07/25/24 08:17	08/05/24 11:43	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*93.8*		*30 - 110*	*07/25/24 08:17*	*08/05/24 11:43*	*1*
Y Carrier	*82.2*		*30 - 110*	*07/25/24 08:17*	*08/05/24 11:43*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.465	U	0.370	0.371	5.00	0.597	pCi/L		08/20/24 10:30	1

Client Sample ID: 24061963-006
Date Collected: 07/17/24 08:26
Date Received: 07/24/24 12:45

Lab Sample ID: 160-54800-6
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	0.0757	U	0.0671	0.0675	1.00	0.102	pCi/L	07/25/24 08:14	08/16/24 09:35	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*94.3*		*30 - 110*	*07/25/24 08:14*	*08/16/24 09:35*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**0.608**		0.387	0.391	1.00	0.571	pCi/L	07/25/24 08:17	08/05/24 11:43	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*94.3*		*30 - 110*	*07/25/24 08:17*	*08/05/24 11:43*	*1*
Y Carrier	*77.0*		*30 - 110*	*07/25/24 08:17*	*08/05/24 11:43*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	**0.684**		0.393	0.397	5.00	0.571	pCi/L		08/20/24 10:30	1

Client Sample Results

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

Lab ID: 160-54800-1
SDG: 24061963

Client Sample ID: 24061963-008
Date Collected: 07/23/24 10:34
Date Received: 07/24/24 12:45

Lab Sample ID: 160-54800-8
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	**0.133**		0.0951	0.0958	1.00	0.132	pCi/L	07/25/24 08:14	08/16/24 09:37	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*89.6*		*30 - 110*	*07/25/24 08:14*	*08/16/24 09:37*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.134	U	0.457	0.457	1.00	0.815	pCi/L	07/25/24 08:17	08/05/24 11:43	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*89.6*		*30 - 110*	*07/25/24 08:17*	*08/05/24 11:43*	*1*
Y Carrier	*79.3*		*30 - 110*	*07/25/24 08:17*	*08/05/24 11:43*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.267	U	0.467	0.467	5.00	0.815	pCi/L		08/20/24 10:30	1

Client Sample ID: 24061963-009
Date Collected: 07/19/24 10:24
Date Received: 07/24/24 12:45

Lab Sample ID: 160-54800-9
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	**0.145**		0.0777	0.0788	1.00	0.0941	pCi/L	07/25/24 08:14	08/16/24 09:37	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*92.3*		*30 - 110*	*07/25/24 08:14*	*08/16/24 09:37*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.390	U	0.330	0.332	1.00	0.513	pCi/L	07/25/24 08:17	08/05/24 11:43	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*92.3*		*30 - 110*	*07/25/24 08:17*	*08/05/24 11:43*	*1*
Y Carrier	*80.0*		*30 - 110*	*07/25/24 08:17*	*08/05/24 11:43*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	**0.535**		0.339	0.341	5.00	0.513	pCi/L		08/20/24 10:30	1

Client Sample Results

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

Lab ID: 160-54800-1
SDG: 24061963

Client Sample ID: 24061963-010
Date Collected: 07/18/24 11:18
Date Received: 07/24/24 12:45

Lab Sample ID: 160-54800-10
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	0.0865	U	0.0669	0.0673	1.00	0.0944	pCi/L	07/25/24 08:14	08/16/24 09:37	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*88.1*		*30 - 110*	*07/25/24 08:14*	*08/16/24 09:37*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.470	U	0.388	0.390	1.00	0.605	pCi/L	07/25/24 08:17	08/05/24 11:44	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*88.1*		*30 - 110*	*07/25/24 08:17*	*08/05/24 11:44*	*1*
Y Carrier	*77.8*		*30 - 110*	*07/25/24 08:17*	*08/05/24 11:44*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.557	U	0.394	0.396	5.00	0.605	pCi/L		08/20/24 10:30	1

Client Sample ID: 24061963-011
Date Collected: 07/18/24 09:24
Date Received: 07/24/24 12:45

Lab Sample ID: 160-54800-11
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	**0.252**		0.0974	0.100	1.00	0.0954	pCi/L	07/25/24 08:14	08/16/24 09:40	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*86.4*		*30 - 110*	*07/25/24 08:14*	*08/16/24 09:40*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**0.870**		0.426	0.434	1.00	0.586	pCi/L	07/25/24 08:17	08/05/24 11:44	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*86.4*		*30 - 110*	*07/25/24 08:17*	*08/05/24 11:44*	*1*
Y Carrier	*80.4*		*30 - 110*	*07/25/24 08:17*	*08/05/24 11:44*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	**1.12**		0.437	0.445	5.00	0.586	pCi/L		08/20/24 10:30	1

Client Sample Results

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

Job ID: 160-54800-1
SDG: 24061963

Client Sample ID: 24061963-012
Date Collected: 07/17/24 10:20
Date Received: 07/24/24 12:45

Lab Sample ID: 160-54800-12
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	0.123		0.0693	0.0702	1.00	0.0788	pCi/L	07/25/24 08:14	08/16/24 09:40	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*90.8*		*30 - 110*	*07/25/24 08:14*	*08/16/24 09:40*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.375	U	0.363	0.365	1.00	0.582	pCi/L	07/25/24 08:17	08/05/24 11:44	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*90.8*		*30 - 110*	*07/25/24 08:17*	*08/05/24 11:44*	*1*
Y Carrier	*80.7*		*30 - 110*	*07/25/24 08:17*	*08/05/24 11:44*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.499	U	0.370	0.372	5.00	0.582	pCi/L		08/20/24 10:30	1

Client Sample ID: 24061963-013
Date Collected: 07/18/24 13:48
Date Received: 07/24/24 12:45

Lab Sample ID: 160-54800-13
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	0.113		0.0669	0.0676	1.00	0.0800	pCi/L	07/25/24 08:14	08/16/24 09:40	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*91.1*		*30 - 110*	*07/25/24 08:14*	*08/16/24 09:40*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.226	U	0.317	0.318	1.00	0.534	pCi/L	07/25/24 08:17	08/05/24 11:44	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*91.1*		*30 - 110*	*07/25/24 08:17*	*08/05/24 11:44*	*1*
Y Carrier	*78.5*		*30 - 110*	*07/25/24 08:17*	*08/05/24 11:44*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.340	U	0.324	0.325	5.00	0.534	pCi/L		08/20/24 10:30	1

Client Sample Results

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

Lab ID: 160-54800-1
SDG: 24061963

Client Sample ID: 24061963-014
Date Collected: 07/18/24 12:01
Date Received: 07/24/24 12:45

Lab Sample ID: 160-54800-14
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	**0.382**		0.122	0.126	1.00	0.104	pCi/L	07/25/24 08:14	08/16/24 09:40	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*78.7*		*30 - 110*	*07/25/24 08:14*	*08/16/24 09:40*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.496	U	0.419	0.422	1.00	0.654	pCi/L	07/25/24 08:17	08/05/24 12:04	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*78.7*		*30 - 110*	*07/25/24 08:17*	*08/05/24 12:04*	*1*
Y Carrier	*79.3*		*30 - 110*	*07/25/24 08:17*	*08/05/24 12:04*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	**0.878**		0.436	0.440	5.00	0.654	pCi/L		08/20/24 10:30	1

Client Sample ID: 24061963-015
Date Collected: 07/18/24 09:55
Date Received: 07/24/24 12:45

Lab Sample ID: 160-54800-15
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	0.0734	U	0.0719	0.0722	1.00	0.113	pCi/L	07/25/24 08:14	08/16/24 09:40	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*94.5*		*30 - 110*	*07/25/24 08:14*	*08/16/24 09:40*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**0.617**		0.371	0.375	1.00	0.538	pCi/L	07/25/24 08:17	08/05/24 12:04	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*94.5*		*30 - 110*	*07/25/24 08:17*	*08/05/24 12:04*	*1*
Y Carrier	*81.5*		*30 - 110*	*07/25/24 08:17*	*08/05/24 12:04*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	**0.691**		0.378	0.382	5.00	0.538	pCi/L		08/20/24 10:30	1

Client Sample Results

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

Lab ID: 160-54800-1
SDG: 24061963

Client Sample ID: 24061963-016
Date Collected: 07/18/24 11:10
Date Received: 07/24/24 12:45

Lab Sample ID: 160-54800-16
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	0.329		0.108	0.112	1.00	0.0960	pCi/L	07/25/24 08:14	08/16/24 09:42	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*88.6*		*30 - 110*	*07/25/24 08:14*	*08/16/24 09:42*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	-0.244	U	0.271	0.272	1.00	0.589	pCi/L	07/25/24 08:17	08/05/24 12:04	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*88.6*		*30 - 110*	*07/25/24 08:17*	*08/05/24 12:04*	*1*
Y Carrier	*79.6*		*30 - 110*	*07/25/24 08:17*	*08/05/24 12:04*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.329	U	0.292	0.294	5.00	0.589	pCi/L		08/20/24 10:30	1

Client Sample ID: 24061963-017
Date Collected: 07/18/24 12:06
Date Received: 07/24/24 12:45

Lab Sample ID: 160-54800-17
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	0.0582	U	0.0713	0.0715	1.00	0.118	pCi/L	07/25/24 08:14	08/16/24 09:42	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*88.3*		*30 - 110*	*07/25/24 08:14*	*08/16/24 09:42*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.0982	U	0.308	0.308	1.00	0.553	pCi/L	07/25/24 08:17	08/05/24 12:04	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*88.3*		*30 - 110*	*07/25/24 08:17*	*08/05/24 12:04*	*1*
Y Carrier	*81.9*		*30 - 110*	*07/25/24 08:17*	*08/05/24 12:04*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.156	U	0.316	0.316	5.00	0.553	pCi/L		08/20/24 10:30	1

Client Sample ID: 24061963-018
Lab Sample ID: 160-54800-18
Date Collected: 07/18/24 09:56
Matrix: Water
Date Received: 07/24/24 12:45

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.414		0.133	0.138	1.00	0.133	pCi/L	07/25/24 08:14	08/16/24 09:42	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*81.6*		*30 - 110*	*07/25/24 08:14*	*08/16/24 09:42*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.721		0.464	0.469	1.00	0.692	pCi/L	07/25/24 08:17	08/05/24 12:04	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*81.6*		*30 - 110*	*07/25/24 08:17*	*08/05/24 12:04*	*1*
Y Carrier	*79.3*		*30 - 110*	*07/25/24 08:17*	*08/05/24 12:04*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	1.14		0.483	0.489	5.00	0.692	pCi/L		08/20/24 10:30	1

Client Sample ID: 24061963-019
Lab Sample ID: 160-54800-19
Date Collected: 07/18/24 10:51
Matrix: Water
Date Received: 07/24/24 12:45

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.439		0.133	0.139	1.00	0.131	pCi/L	07/25/24 08:14	08/16/24 07:45	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*93.3*		*30 - 110*	*07/25/24 08:14*	*08/16/24 07:45*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.318	U	0.341	0.342	1.00	0.555	pCi/L	07/25/24 08:17	08/05/24 11:42	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*93.3*		*30 - 110*	*07/25/24 08:17*	*08/05/24 11:42*	*1*
Y Carrier	*81.5*		*30 - 110*	*07/25/24 08:17*	*08/05/24 11:42*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.757		0.366	0.369	5.00	0.555	pCi/L		08/20/24 10:30	1

Client Sample Results

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

Lab ID: 160-54800-1
SDG: 24061963

Client Sample ID: 24061963-020
Date Collected: 07/18/24 13:23
Date Received: 07/24/24 12:45

Lab Sample ID: 160-54800-20
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	0.0743	U	0.0651	0.0655	1.00	0.0963	pCi/L	07/25/24 08:20	08/16/24 14:07	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*84.4*		*30 - 110*	*07/25/24 08:20*	*08/16/24 14:07*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.174	U	0.315	0.315	1.00	0.546	pCi/L	07/25/24 08:23	08/05/24 11:15	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*84.4*		*30 - 110*	*07/25/24 08:23*	*08/05/24 11:15*	*1*
Y Carrier	*74.0*		*30 - 110*	*07/25/24 08:23*	*08/05/24 11:15*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.248	U	0.322	0.322	5.00	0.546	pCi/L		08/20/24 10:30	1

Client Sample ID: 24061963-021
Date Collected: 07/18/24 14:41
Date Received: 07/24/24 12:45

Lab Sample ID: 160-54800-21
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	**0.0865**		0.0617	0.0622	1.00	0.0814	pCi/L	07/25/24 08:20	08/16/24 14:07	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*89.1*		*30 - 110*	*07/25/24 08:20*	*08/16/24 14:07*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.275	U	0.375	0.376	1.00	0.628	pCi/L	07/25/24 08:23	08/05/24 11:37	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*89.1*		*30 - 110*	*07/25/24 08:23*	*08/05/24 11:37*	*1*
Y Carrier	*77.8*		*30 - 110*	*07/25/24 08:23*	*08/05/24 11:37*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.362	U	0.380	0.381	5.00	0.628	pCi/L		08/20/24 10:30	1

Client Sample Results

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

Lab ID: 160-54800-1
SDG: 24061963

Client Sample ID: 24061963-022
Date Collected: 07/18/24 12:04
Date Received: 07/24/24 12:45

Lab Sample ID: 160-54800-22
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	0.324		0.169	0.172	1.00	0.199	pCi/L	07/25/24 08:20	08/16/24 14:07	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*82.6*		*30 - 110*	*07/25/24 08:20*	*08/16/24 14:07*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	1.50	G	0.935	0.945	1.00	1.40	pCi/L	07/25/24 08:23	08/05/24 11:37	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*82.6*		*30 - 110*	*07/25/24 08:23*	*08/05/24 11:37*	*1*
Y Carrier	*79.6*		*30 - 110*	*07/25/24 08:23*	*08/05/24 11:37*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	1.83		0.950	0.961	5.00	1.40	pCi/L		08/20/24 10:30	1

Client Sample ID: 24061963-023
Date Collected: 07/17/24 11:15
Date Received: 07/24/24 12:45

Lab Sample ID: 160-54800-23
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	0.0437	U	0.0736	0.0737	1.00	0.128	pCi/L	07/25/24 08:20	08/16/24 14:07	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*83.6*		*30 - 110*	*07/25/24 08:20*	*08/16/24 14:07*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.131	U	0.385	0.386	1.00	0.684	pCi/L	07/25/24 08:23	08/05/24 11:37	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*83.6*		*30 - 110*	*07/25/24 08:23*	*08/05/24 11:37*	*1*
Y Carrier	*78.9*		*30 - 110*	*07/25/24 08:23*	*08/05/24 11:37*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.174	U	0.392	0.393	5.00	0.684	pCi/L		08/20/24 10:30	1

Client Sample Results

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

Lab ID: 160-54800-1
SDG: 24061963

Client Sample ID: 24061963-024
Date Collected: 07/17/24 12:11
Date Received: 07/24/24 12:45

Lab Sample ID: 160-54800-24
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	0.113	U	0.0854	0.0860	1.00	0.125	pCi/L	07/25/24 08:20	08/16/24 14:10	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*87.3*		*30 - 110*	*07/25/24 08:20*	*08/16/24 14:10*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**0.555**		0.373	0.377	1.00	0.555	pCi/L	07/25/24 08:23	08/05/24 11:37	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*87.3*		*30 - 110*	*07/25/24 08:23*	*08/05/24 11:37*	*1*
Y Carrier	*80.4*		*30 - 110*	*07/25/24 08:23*	*08/05/24 11:37*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	**0.668**		0.383	0.387	5.00	0.555	pCi/L		08/20/24 10:30	1

Client Sample ID: 24061963-025
Date Collected: 07/17/24 13:32
Date Received: 07/24/24 12:45

Lab Sample ID: 160-54800-25
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	**0.203**		0.0894	0.0913	1.00	0.0970	pCi/L	07/25/24 08:20	08/16/24 14:10	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*91.3*		*30 - 110*	*07/25/24 08:20*	*08/16/24 14:10*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.171	U	0.335	0.336	1.00	0.580	pCi/L	07/25/24 08:23	08/05/24 11:37	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*91.3*		*30 - 110*	*07/25/24 08:23*	*08/05/24 11:37*	*1*
Y Carrier	*83.0*		*30 - 110*	*07/25/24 08:23*	*08/05/24 11:37*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.375	U	0.347	0.348	5.00	0.580	pCi/L		08/20/24 10:30	1

Client Sample Results

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

Lab ID: 160-54800-1
SDG: 24061963

Client Sample ID: 24061963-026
Date Collected: 07/19/24 11:05
Date Received: 07/24/24 12:45

Lab Sample ID: 160-54800-26
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	0.242		0.0988	0.101	1.00	0.103	pCi/L	07/25/24 08:20	08/16/24 14:10	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*85.4*		*30 - 110*	*07/25/24 08:20*	*08/16/24 14:10*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	-0.0489	U	0.325	0.325	1.00	0.620	pCi/L	07/25/24 08:23	08/05/24 11:38	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*85.4*		*30 - 110*	*07/25/24 08:23*	*08/05/24 11:38*	*1*
Y Carrier	*81.1*		*30 - 110*	*07/25/24 08:23*	*08/05/24 11:38*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.242	U	0.340	0.340	5.00	0.620	pCi/L		08/20/24 10:30	1

Client Sample ID: 24061963-027
Date Collected: 07/17/24 13:23
Date Received: 07/24/24 12:45

Lab Sample ID: 160-54800-27
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	0.0820	U	0.0635	0.0639	1.00	0.0896	pCi/L	07/25/24 08:20	08/16/24 14:10	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*94.0*		*30 - 110*	*07/25/24 08:20*	*08/16/24 14:10*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.268	U	0.279	0.280	1.00	0.450	pCi/L	07/25/24 08:23	08/05/24 11:38	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*94.0*		*30 - 110*	*07/25/24 08:23*	*08/05/24 11:38*	*1*
Y Carrier	*84.1*		*30 - 110*	*07/25/24 08:23*	*08/05/24 11:38*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.350	U	0.286	0.287	5.00	0.450	pCi/L		08/20/24 10:30	1

Client Sample Results

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

Lab ID: 160-54800-1
SDG: 24061963

Client Sample ID: 24061963-028
Date Collected: 07/17/24 09:08
Date Received: 07/24/24 12:45

Lab Sample ID: 160-54800-28
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	0.0632	U	0.0597	0.0600	1.00	0.0909	pCi/L	07/25/24 08:20	08/16/24 14:10	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*97.0*		*30 - 110*	*07/25/24 08:20*	*08/16/24 14:10*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.209	U	0.293	0.293	1.00	0.493	pCi/L	07/25/24 08:23	08/05/24 11:38	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*97.0*		*30 - 110*	*07/25/24 08:23*	*08/05/24 11:38*	*1*
Y Carrier	*81.9*		*30 - 110*	*07/25/24 08:23*	*08/05/24 11:38*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.272	U	0.299	0.299	5.00	0.493	pCi/L		08/20/24 10:30	1

Client Sample ID: 24061963-029
Date Collected: 07/17/24 09:54
Date Received: 07/24/24 12:45

Lab Sample ID: 160-54800-29
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	0.0243	U	0.0686	0.0686	1.00	0.126	pCi/L	07/25/24 08:20	08/16/24 14:10	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*97.0*		*30 - 110*	*07/25/24 08:20*	*08/16/24 14:10*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	-0.101	U	0.283	0.283	1.00	0.551	pCi/L	07/25/24 08:23	08/05/24 11:34	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*97.0*		*30 - 110*	*07/25/24 08:23*	*08/05/24 11:34*	*1*
Y Carrier	*80.7*		*30 - 110*	*07/25/24 08:23*	*08/05/24 11:34*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.0243	U	0.291	0.291	5.00	0.551	pCi/L		08/20/24 10:30	1

Client Sample Results

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

Lab ID: 160-54800-1
SDG: 24061963

Client Sample ID: 24061963-030
Date Collected: 07/17/24 14:06
Date Received: 07/24/24 12:45

Lab Sample ID: 160-54800-30
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	0.0455	U	0.0707	0.0708	1.00	0.122	pCi/L	07/25/24 08:20	08/16/24 14:09	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*89.8*		*30 - 110*	*07/25/24 08:20*	*08/16/24 14:09*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.282	U	0.335	0.336	1.00	0.553	pCi/L	07/25/24 08:23	08/05/24 11:34	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*89.8*		*30 - 110*	*07/25/24 08:23*	*08/05/24 11:34*	*1*
Y Carrier	*80.7*		*30 - 110*	*07/25/24 08:23*	*08/05/24 11:34*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.328	U	0.342	0.343	5.00	0.553	pCi/L		08/20/24 10:30	1

Client Sample ID: 24061963-031
Date Collected: 07/17/24 10:33
Date Received: 07/24/24 12:45

Lab Sample ID: 160-54800-31
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	**0.458**		0.120	0.127	1.00	0.0915	pCi/L	07/25/24 08:20	08/16/24 14:09	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*95.0*		*30 - 110*	*07/25/24 08:20*	*08/16/24 14:09*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.512	U	0.347	0.350	1.00	0.517	pCi/L	07/25/24 08:23	08/05/24 11:35	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*95.0*		*30 - 110*	*07/25/24 08:23*	*08/05/24 11:35*	*1*
Y Carrier	*77.0*		*30 - 110*	*07/25/24 08:23*	*08/05/24 11:35*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	**0.969**		0.367	0.372	5.00	0.517	pCi/L		08/20/24 10:30	1

Client Sample Results

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

Lab ID: 160-54800-1
SDG: 24061963

Client Sample ID: 24061963-032
Date Collected: 07/17/24 12:25
Date Received: 07/24/24 12:45

Lab Sample ID: 160-54800-32
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	0.186		0.0912	0.0927	1.00	0.112	pCi/L	07/25/24 08:20	08/16/24 14:12	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*89.3*		*30 - 110*	*07/25/24 08:20*	*08/16/24 14:12*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.0365	U	0.310	0.310	1.00	0.573	pCi/L	07/25/24 08:23	08/05/24 11:35	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*89.3*		*30 - 110*	*07/25/24 08:23*	*08/05/24 11:35*	*1*
Y Carrier	*76.3*		*30 - 110*	*07/25/24 08:23*	*08/05/24 11:35*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.223	U	0.323	0.324	5.00	0.573	pCi/L		08/20/24 10:30	1

Client Sample ID: 24061963-033
Date Collected: 07/17/24 11:38
Date Received: 07/24/24 12:45

Lab Sample ID: 160-54800-33
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	0.0885	U	0.149	0.149	1.00	0.260	pCi/L	07/25/24 08:20	08/16/24 14:12	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*75.2*		*30 - 110*	*07/25/24 08:20*	*08/16/24 14:12*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.923	U G	0.778	0.783	1.00	1.21	pCi/L	07/25/24 08:23	08/05/24 11:35	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*75.2*		*30 - 110*	*07/25/24 08:23*	*08/05/24 11:35*	*1*
Y Carrier	*81.9*		*30 - 110*	*07/25/24 08:23*	*08/05/24 11:35*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	1.01	U	0.792	0.797	5.00	1.21	pCi/L		08/20/24 10:30	1

Client Sample Results

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

Lab ID: 160-54800-1
SDG: 24061963

Client Sample ID: 24061963-034
Date Collected: 07/22/24 13:13
Date Received: 07/24/24 12:45

Lab Sample ID: 160-54800-34
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	0.0684	U	0.0694	0.0697	1.00	0.109	pCi/L	07/25/24 08:20	08/16/24 14:12	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*89.6*		*30 - 110*	*07/25/24 08:20*	*08/16/24 14:12*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.331	U	0.330	0.332	1.00	0.531	pCi/L	07/25/24 08:23	08/05/24 11:35	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*89.6*		*30 - 110*	*07/25/24 08:23*	*08/05/24 11:35*	*1*
Y Carrier	*83.0*		*30 - 110*	*07/25/24 08:23*	*08/05/24 11:35*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.399	U	0.337	0.339	5.00	0.531	pCi/L		08/20/24 10:30	1

Client Sample ID: 24061963-035
Date Collected: 07/22/24 12:03
Date Received: 07/24/24 12:45

Lab Sample ID: 160-54800-35
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	**0.113**		0.0739	0.0746	1.00	0.100	pCi/L	07/25/24 08:20	08/16/24 14:12	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*92.3*		*30 - 110*	*07/25/24 08:20*	*08/16/24 14:12*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.289	U	0.342	0.343	1.00	0.565	pCi/L	07/25/24 08:23	08/05/24 11:35	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*92.3*		*30 - 110*	*07/25/24 08:23*	*08/05/24 11:35*	*1*
Y Carrier	*83.7*		*30 - 110*	*07/25/24 08:23*	*08/05/24 11:35*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.402	U	0.350	0.351	5.00	0.565	pCi/L		08/20/24 10:30	1

Client Sample Results

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

Lab ID: 160-54800-1
SDG: 24061963

Client Sample ID: 24061963-036
Date Collected: 07/22/24 12:42
Date Received: 07/24/24 12:45

Lab Sample ID: 160-54800-36
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	0.339		0.106	0.111	1.00	0.0924	pCi/L	07/25/24 08:20	08/16/24 16:01	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*94.5*		*30 - 110*	*07/25/24 08:20*	*08/16/24 16:01*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.597		0.333	0.338	1.00	0.467	pCi/L	07/25/24 08:23	08/05/24 11:31	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*94.5*		*30 - 110*	*07/25/24 08:23*	*08/05/24 11:31*	*1*
Y Carrier	*81.5*		*30 - 110*	*07/25/24 08:23*	*08/05/24 11:31*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.937		0.349	0.356	5.00	0.467	pCi/L		08/20/24 10:30	1

Client Sample ID: 24061963-037
Date Collected: 07/22/24 11:27
Date Received: 07/24/24 12:45

Lab Sample ID: 160-54800-37
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	0.0907	U	0.0726	0.0731	1.00	0.105	pCi/L	07/25/24 08:20	08/16/24 16:01	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*83.9*		*30 - 110*	*07/25/24 08:20*	*08/16/24 16:01*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.410	U	0.344	0.346	1.00	0.533	pCi/L	07/25/24 08:23	08/05/24 11:31	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*83.9*		*30 - 110*	*07/25/24 08:23*	*08/05/24 11:31*	*1*
Y Carrier	*81.1*		*30 - 110*	*07/25/24 08:23*	*08/05/24 11:31*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.501	U	0.352	0.354	5.00	0.533	pCi/L		08/20/24 10:30	1

Client Sample Results

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

Lab ID: 160-54800-1
SDG: 24061963

Client Sample ID: 24061963-038
Date Collected: 07/23/24 12:04
Date Received: 07/24/24 12:45

Lab Sample ID: 160-54800-38
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	0.0474	U	0.0555	0.0556	1.00	0.0898	pCi/L	07/25/24 08:20	08/16/24 16:01	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*95.8*		*30 - 110*	*07/25/24 08:20*	*08/16/24 16:01*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.0324	U	0.263	0.263	1.00	0.489	pCi/L	07/25/24 08:23	08/05/24 11:31	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*95.8*		*30 - 110*	*07/25/24 08:23*	*08/05/24 11:31*	*1*
Y Carrier	*82.2*		*30 - 110*	*07/25/24 08:23*	*08/05/24 11:31*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.0798	U	0.269	0.269	5.00	0.489	pCi/L		08/20/24 10:30	1

Client Sample ID: 24061963-039
Date Collected: 07/17/24 10:20
Date Received: 07/24/24 12:45

Lab Sample ID: 160-54800-39
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	**0.140**		0.0756	0.0766	1.00	0.0915	pCi/L	07/25/24 08:20	08/16/24 16:01	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*95.8*		*30 - 110*	*07/25/24 08:20*	*08/16/24 16:01*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.443	U	0.324	0.326	1.00	0.491	pCi/L	07/25/24 08:23	08/05/24 11:31	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*95.8*		*30 - 110*	*07/25/24 08:23*	*08/05/24 11:31*	*1*
Y Carrier	*83.7*		*30 - 110*	*07/25/24 08:23*	*08/05/24 11:31*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	**0.583**		0.333	0.335	5.00	0.491	pCi/L		08/20/24 10:30	1

Client Sample Results

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

Lab ID: 160-54800-1
SDG: 24061963

Client Sample ID: 24061963-040
Date Collected: 07/23/24 12:11
Date Received: 07/24/24 12:45

Lab Sample ID: 160-54800-40
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	0.0854	U	0.0683	0.0687	1.00	0.0990	pCi/L	07/26/24 08:38	08/19/24 08:29	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*86.6*		*30 - 110*	*07/26/24 08:38*	*08/19/24 08:29*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.0738	U *	0.344	0.344	1.00	0.627	pCi/L	07/26/24 08:44	08/06/24 12:42	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*86.6*		*30 - 110*	*07/26/24 08:44*	*08/06/24 12:42*	*1*
Y Carrier	*80.7*		*30 - 110*	*07/26/24 08:44*	*08/06/24 12:42*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.159	U	0.351	0.351	5.00	0.627	pCi/L		08/20/24 10:30	1

Client Sample ID: 24061963-041
Date Collected: 07/18/24 15:01
Date Received: 07/24/24 12:45

Lab Sample ID: 160-54800-41
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	0.0553	U	0.0600	0.0602	1.00	0.0954	pCi/L	07/26/24 08:38	08/19/24 08:30	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*87.1*		*30 - 110*	*07/26/24 08:38*	*08/19/24 08:30*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.00784	U *	0.363	0.363	1.00	0.674	pCi/L	07/26/24 08:44	08/06/24 12:42	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*87.1*		*30 - 110*	*07/26/24 08:44*	*08/06/24 12:42*	*1*
Y Carrier	*80.4*		*30 - 110*	*07/26/24 08:44*	*08/06/24 12:42*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.0631	U	0.368	0.368	5.00	0.674	pCi/L		08/20/24 10:30	1

Client Sample Results

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

Lab ID: 160-54800-1
SDG: 24061963

Client Sample ID: 24061963-042
Date Collected: 07/22/24 10:56
Date Received: 07/24/24 12:45

Lab Sample ID: 160-54800-42
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	**0.112**		0.0716	0.0723	1.00	0.0933	pCi/L	07/26/24 08:38	08/19/24 08:34	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*88.1*		*30 - 110*	*07/26/24 08:38*	*08/19/24 08:34*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.413	U *	0.394	0.395	1.00	0.629	pCi/L	07/26/24 08:44	08/06/24 12:43	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*88.1*		*30 - 110*	*07/26/24 08:44*	*08/06/24 12:43*	*1*
Y Carrier	*81.5*		*30 - 110*	*07/26/24 08:44*	*08/06/24 12:43*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.525	U	0.400	0.402	5.00	0.629	pCi/L		08/20/24 10:30	1

Client Sample ID: 24061963-043
Date Collected: 07/22/24 10:12
Date Received: 07/24/24 12:45

Lab Sample ID: 160-54800-43
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	**0.189**		0.0941	0.0956	1.00	0.118	pCi/L	07/26/24 08:38	08/19/24 08:35	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*91.6*		*30 - 110*	*07/26/24 08:38*	*08/19/24 08:35*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	-0.164	U *	0.278	0.278	1.00	0.579	pCi/L	07/26/24 08:44	08/06/24 12:43	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*91.6*		*30 - 110*	*07/26/24 08:44*	*08/06/24 12:43*	*1*
Y Carrier	*79.3*		*30 - 110*	*07/26/24 08:44*	*08/06/24 12:43*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.189	U	0.293	0.294	5.00	0.579	pCi/L		08/20/24 10:30	1

Client Sample Results

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

Job ID: 160-54800-1
SDG: 24061963

Client Sample ID: 24061963-045
Date Collected: 07/22/24 10:12
Date Received: 07/24/24 12:45

Lab Sample ID: 160-54800-44
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	0.225		0.0991	0.101	1.00	0.113	pCi/L	07/26/24 08:38	08/19/24 08:35	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*84.1*		*30 - 110*	*07/26/24 08:38*	*08/19/24 08:35*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.112	U *	0.392	0.392	1.00	0.701	pCi/L	07/26/24 08:44	08/06/24 12:43	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*84.1*		*30 - 110*	*07/26/24 08:44*	*08/06/24 12:43*	*1*
Y Carrier	*82.2*		*30 - 110*	*07/26/24 08:44*	*08/06/24 12:43*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.338	U	0.404	0.405	5.00	0.701	pCi/L		08/20/24 10:30	1

QC Sample Results

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

Job ID: 160-54800-1
SDG: 24061963

Method: 903.0 - Radium-226 (GFPC)

Lab Sample ID: MB 160-672314/1-A
Matrix: Water
Analysis Batch: 675304

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 672314

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.01236	U	0.0502	0.0502	1.00	0.0983	pCi/L	07/25/24 08:14	08/16/24 07:44	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*91.6*		*30 - 110*	*07/25/24 08:14*	*08/16/24 07:44*	*1*

Lab Sample ID: LCS 160-672314/2-A
Matrix: Water
Analysis Batch: 675304

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 672314

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-226			9.58	9.487		0.995	1.00	0.0877	pCi/L	99	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*96.8*		*30 - 110*

Lab Sample ID: 160-54800-2 DU
Matrix: Water
Analysis Batch: 675304

Client Sample ID: 24061963-002
Prep Type: Total/NA
Prep Batch: 672314

Analyte	Sample Result	Sample Qual		DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit			RER	RER Limit
Radium-226	0.177			0.1296		0.0799	1.00	0.105	pCi/L			0.29	1

Carrier	*DU %Yield*	*DU Qualifier*	*Limits*
Ba Carrier	*92.3*		*30 - 110*

Lab Sample ID: MB 160-672316/1-A
Matrix: Water
Analysis Batch: 675292

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 672316

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.03511	U	0.0299	0.0301	1.00	0.0909	pCi/L	07/25/24 08:20	08/16/24 14:04	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*96.0*		*30 - 110*	*07/25/24 08:20*	*08/16/24 14:04*	*1*

Lab Sample ID: LCS 160-672316/2-A
Matrix: Water
Analysis Batch: 675292

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 672316

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-226			9.58	9.416		0.991	1.00	0.0898	pCi/L	98	75 - 125		

QC Sample Results

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

Lab ID: 160-54800-1
SDG: 24061963

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

Lab Sample ID: LCS 160-672316/2-A
Matrix: Water
Analysis Batch: 675292

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 672316

Carrier	LCS %Yield	LCS Qualifier	Limits
Ba Carrier	93.1		30 - 110

Lab Sample ID: 160-54800-20 DU
Matrix: Water
Analysis Batch: 675292

Client Sample ID: 24061963-020
Prep Type: Total/NA
Prep Batch: 672316

Analyte	Sample Result	Sample Qual		DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit			RER	RER Limit
Radium-226	0.0743	U		0.04394	U	0.0507	1.00	0.0804	pCi/L			0.26	1

Carrier	DU %Yield	DU Qualifier	Limits
Ba Carrier	87.3		30 - 110

Lab Sample ID: MB 160-672514/1-A
Matrix: Water
Analysis Batch: 675559

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 672514

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.02840	U	0.0451	0.0452	1.00	0.0788	pCi/L	07/26/24 08:38	08/19/24 08:28	1

Carrier	MB %Yield	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	95.0		30 - 110	07/26/24 08:38	08/19/24 08:28	1

Lab Sample ID: LCS 160-672514/2-A
Matrix: Water
Analysis Batch: 675559

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 672514

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-226			9.58	9.384		0.976	1.00	0.0786	pCi/L	98	75 - 125		

Carrier	LCS %Yield	LCS Qualifier	Limits
Ba Carrier	99.3		30 - 110

Method: 904.0 - Radium-228 (GFPC)

Lab Sample ID: MB 160-672315/1-A
Matrix: Water
Analysis Batch: 673675

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 672315

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.2689	U	0.327	0.328	1.00	0.540	pCi/L	07/25/24 08:17	08/05/24 11:42	1

Carrier	MB %Yield	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	91.6		30 - 110	07/25/24 08:17	08/05/24 11:42	1

QC Sample Results

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

Lab ID: 160-54800-1
SDG: 24061963

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

Lab Sample ID: MB 160-672315/1-A
Matrix: Water
Analysis Batch: 673675

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 672315

Carrier	MB %Yield	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Y Carrier	80.4		30 - 110	07/25/24 08:17	08/05/24 11:42	1

Lab Sample ID: LCS 160-672315/2-A
Matrix: Water
Analysis Batch: 673675

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 672315

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-228			8.70	10.80		1.41	1.00	0.479	pCi/L	124	75 - 125		

Carrier	LCS %Yield	LCS Qualifier	Limits
Ba Carrier	96.8		30 - 110
Y Carrier	81.9		30 - 110

Lab Sample ID: 160-54800-2 DU
Matrix: Water
Analysis Batch: 673675

Client Sample ID: 24061963-002
Prep Type: Total/NA
Prep Batch: 672315

Analyte	Sample Result	Sample Qual		DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit			RER	RER Limit
Radium-228	0.666			0.1142	U	0.295	1.00	0.524	pCi/L			0.83	1

Carrier	DU %Yield	DU Qualifier	Limits
Ba Carrier	92.3		30 - 110
Y Carrier	81.9		30 - 110

Lab Sample ID: MB 160-672317/1-A
Matrix: Water
Analysis Batch: 673678

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 672317

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.4854		0.310	0.313	1.00	0.456	pCi/L	07/25/24 08:23	08/05/24 11:15	1

Carrier	MB %Yield	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	96.0		30 - 110	07/25/24 08:23	08/05/24 11:15	1
Y Carrier	85.6		30 - 110	07/25/24 08:23	08/05/24 11:15	1

Lab Sample ID: LCS 160-672317/2-A
Matrix: Water
Analysis Batch: 673678

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 672317

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-228			8.70	10.62		1.38	1.00	0.470	pCi/L	122	75 - 125		

QC Sample Results

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

Lab ID: 160-54800-1
SDG: 24061963

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

Lab Sample ID: LCS 160-672317/2-A
Matrix: Water
Analysis Batch: 673678

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 672317

Carrier	LCS %Yield	LCS Qualifier	Limits
Ba Carrier	93.1		30 - 110
Y Carrier	82.2		30 - 110

Lab Sample ID: 160-54800-20 DU
Matrix: Water
Analysis Batch: 673671

Client Sample ID: 24061963-020
Prep Type: Total/NA
Prep Batch: 672317

Analyte	Sample Result	Sample Qual		DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit			RER	RER Limit
Radium-228	0.174	U		0.6953		0.419	1.00	0.603	pCi/L			0.71	1

Carrier	DU %Yield	DU Qualifier	Limits
Ba Carrier	87.3		30 - 110
Y Carrier	77.4		30 - 110

Lab Sample ID: MB 160-672518/1-A
Matrix: Water
Analysis Batch: 673927

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 672518

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.3331	U	0.336	0.338	1.00	0.541	pCi/L	07/26/24 08:44	08/06/24 12:42	1

Carrier	MB %Yield	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	95.0		30 - 110	07/26/24 08:44	08/06/24 12:42	1
Y Carrier	84.5		30 - 110	07/26/24 08:44	08/06/24 12:42	1

Lab Sample ID: LCS 160-672518/2-A
Matrix: Water
Analysis Batch: 673927

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 672518

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-228			8.70	11.36	*	1.49	1.00	0.582	pCi/L	131	75 - 125		

Carrier	LCS %Yield	LCS Qualifier	Limits
Ba Carrier	99.3		30 - 110
Y Carrier	82.2		30 - 110

QC Association Summary

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

Lab ID: 160-54800-1
SDG: 24061963

Rad

Prep Batch: 672314

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-54800-1	24061963-001	Total/NA	Water	PrecSep-21	
160-54800-2	24061963-002	Total/NA	Water	PrecSep-21	
160-54800-3	24061963-003	Total/NA	Water	PrecSep-21	
160-54800-4	24061963-004	Total/NA	Water	PrecSep-21	
160-54800-5	24061963-005	Total/NA	Water	PrecSep-21	
160-54800-6	24061963-006	Total/NA	Water	PrecSep-21	
160-54800-8	24061963-008	Total/NA	Water	PrecSep-21	
160-54800-9	24061963-009	Total/NA	Water	PrecSep-21	
160-54800-10	24061963-010	Total/NA	Water	PrecSep-21	
160-54800-11	24061963-011	Total/NA	Water	PrecSep-21	
160-54800-12	24061963-012	Total/NA	Water	PrecSep-21	
160-54800-13	24061963-013	Total/NA	Water	PrecSep-21	
160-54800-14	24061963-014	Total/NA	Water	PrecSep-21	
160-54800-15	24061963-015	Total/NA	Water	PrecSep-21	
160-54800-16	24061963-016	Total/NA	Water	PrecSep-21	
160-54800-17	24061963-017	Total/NA	Water	PrecSep-21	
160-54800-18	24061963-018	Total/NA	Water	PrecSep-21	
160-54800-19	24061963-019	Total/NA	Water	PrecSep-21	
MB 160-672314/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-672314/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	
160-54800-2 DU	24061963-002	Total/NA	Water	PrecSep-21	

Prep Batch: 672315

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-54800-1	24061963-001	Total/NA	Water	PrecSep_0	
160-54800-2	24061963-002	Total/NA	Water	PrecSep_0	
160-54800-3	24061963-003	Total/NA	Water	PrecSep_0	
160-54800-4	24061963-004	Total/NA	Water	PrecSep_0	
160-54800-5	24061963-005	Total/NA	Water	PrecSep_0	
160-54800-6	24061963-006	Total/NA	Water	PrecSep_0	
160-54800-8	24061963-008	Total/NA	Water	PrecSep_0	
160-54800-9	24061963-009	Total/NA	Water	PrecSep_0	
160-54800-10	24061963-010	Total/NA	Water	PrecSep_0	
160-54800-11	24061963-011	Total/NA	Water	PrecSep_0	
160-54800-12	24061963-012	Total/NA	Water	PrecSep_0	
160-54800-13	24061963-013	Total/NA	Water	PrecSep_0	
160-54800-14	24061963-014	Total/NA	Water	PrecSep_0	
160-54800-15	24061963-015	Total/NA	Water	PrecSep_0	
160-54800-16	24061963-016	Total/NA	Water	PrecSep_0	
160-54800-17	24061963-017	Total/NA	Water	PrecSep_0	
160-54800-18	24061963-018	Total/NA	Water	PrecSep_0	
160-54800-19	24061963-019	Total/NA	Water	PrecSep_0	
MB 160-672315/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-672315/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	
160-54800-2 DU	24061963-002	Total/NA	Water	PrecSep_0	

Prep Batch: 672316

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-54800-20	24061963-020	Total/NA	Water	PrecSep-21	
160-54800-21	24061963-021	Total/NA	Water	PrecSep-21	
160-54800-22	24061963-022	Total/NA	Water	PrecSep-21	

QC Association Summary

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

Lab ID: 160-54800-1
SDG: 24061963

Rad (Continued)

Prep Batch: 672316 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-54800-23	24061963-023	Total/NA	Water	PrecSep-21	
160-54800-24	24061963-024	Total/NA	Water	PrecSep-21	
160-54800-25	24061963-025	Total/NA	Water	PrecSep-21	
160-54800-26	24061963-026	Total/NA	Water	PrecSep-21	
160-54800-27	24061963-027	Total/NA	Water	PrecSep-21	
160-54800-28	24061963-028	Total/NA	Water	PrecSep-21	
160-54800-29	24061963-029	Total/NA	Water	PrecSep-21	
160-54800-30	24061963-030	Total/NA	Water	PrecSep-21	
160-54800-31	24061963-031	Total/NA	Water	PrecSep-21	
160-54800-32	24061963-032	Total/NA	Water	PrecSep-21	
160-54800-33	24061963-033	Total/NA	Water	PrecSep-21	
160-54800-34	24061963-034	Total/NA	Water	PrecSep-21	
160-54800-35	24061963-035	Total/NA	Water	PrecSep-21	
160-54800-36	24061963-036	Total/NA	Water	PrecSep-21	
160-54800-37	24061963-037	Total/NA	Water	PrecSep-21	
160-54800-38	24061963-038	Total/NA	Water	PrecSep-21	
160-54800-39	24061963-039	Total/NA	Water	PrecSep-21	
MB 160-672316/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-672316/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	
160-54800-20 DU	24061963-020	Total/NA	Water	PrecSep-21	

Prep Batch: 672317

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-54800-20	24061963-020	Total/NA	Water	PrecSep_0	
160-54800-21	24061963-021	Total/NA	Water	PrecSep_0	
160-54800-22	24061963-022	Total/NA	Water	PrecSep_0	
160-54800-23	24061963-023	Total/NA	Water	PrecSep_0	
160-54800-24	24061963-024	Total/NA	Water	PrecSep_0	
160-54800-25	24061963-025	Total/NA	Water	PrecSep_0	
160-54800-26	24061963-026	Total/NA	Water	PrecSep_0	
160-54800-27	24061963-027	Total/NA	Water	PrecSep_0	
160-54800-28	24061963-028	Total/NA	Water	PrecSep_0	
160-54800-29	24061963-029	Total/NA	Water	PrecSep_0	
160-54800-30	24061963-030	Total/NA	Water	PrecSep_0	
160-54800-31	24061963-031	Total/NA	Water	PrecSep_0	
160-54800-32	24061963-032	Total/NA	Water	PrecSep_0	
160-54800-33	24061963-033	Total/NA	Water	PrecSep_0	
160-54800-34	24061963-034	Total/NA	Water	PrecSep_0	
160-54800-35	24061963-035	Total/NA	Water	PrecSep_0	
160-54800-36	24061963-036	Total/NA	Water	PrecSep_0	
160-54800-37	24061963-037	Total/NA	Water	PrecSep_0	
160-54800-38	24061963-038	Total/NA	Water	PrecSep_0	
160-54800-39	24061963-039	Total/NA	Water	PrecSep_0	
MB 160-672317/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-672317/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	
160-54800-20 DU	24061963-020	Total/NA	Water	PrecSep_0	

Prep Batch: 672514

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-54800-40	24061963-040	Total/NA	Water	PrecSep-21	
160-54800-41	24061963-041	Total/NA	Water	PrecSep-21	

QC Association Summary

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

Job ID: 160-54800-1
SDG: 24061963

Rad (Continued)

Prep Batch: 672514 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-54800-42	24061963-042	Total/NA	Water	PrecSep-21	
160-54800-43	24061963-043	Total/NA	Water	PrecSep-21	
160-54800-44	24061963-045	Total/NA	Water	PrecSep-21	
MB 160-672514/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-672514/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	

Prep Batch: 672518

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-54800-40	24061963-040	Total/NA	Water	PrecSep_0	
160-54800-41	24061963-041	Total/NA	Water	PrecSep_0	
160-54800-42	24061963-042	Total/NA	Water	PrecSep_0	
160-54800-43	24061963-043	Total/NA	Water	PrecSep_0	
160-54800-44	24061963-045	Total/NA	Water	PrecSep_0	
MB 160-672518/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-672518/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	

Tracer/Carrier Summary

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

Lab ID: 160-54800-1
SDG: 24061963

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)						
160-54800-1	24061963-001	92.1						
160-54800-2	24061963-002	93.5						
160-54800-2 DU	24061963-002	92.3						
160-54800-3	24061963-003	87.3						
160-54800-4	24061963-004	63.3						
160-54800-5	24061963-005	93.8						
160-54800-6	24061963-006	94.3						
160-54800-8	24061963-008	89.6						
160-54800-9	24061963-009	92.3						
160-54800-10	24061963-010	88.1						
160-54800-11	24061963-011	86.4						
160-54800-12	24061963-012	90.8						
160-54800-13	24061963-013	91.1						
160-54800-14	24061963-014	78.7						
160-54800-15	24061963-015	94.5						
160-54800-16	24061963-016	88.6						
160-54800-17	24061963-017	88.3						
160-54800-18	24061963-018	81.6						
160-54800-19	24061963-019	93.3						
160-54800-20	24061963-020	84.4						
160-54800-20 DU	24061963-020	87.3						
160-54800-21	24061963-021	89.1						
160-54800-22	24061963-022	82.6						
160-54800-23	24061963-023	83.6						
160-54800-24	24061963-024	87.3						
160-54800-25	24061963-025	91.3						
160-54800-26	24061963-026	85.4						
160-54800-27	24061963-027	94.0						
160-54800-28	24061963-028	97.0						
160-54800-29	24061963-029	97.0						
160-54800-30	24061963-030	89.8						
160-54800-31	24061963-031	95.0						
160-54800-32	24061963-032	89.3						
160-54800-33	24061963-033	75.2						
160-54800-34	24061963-034	89.6						
160-54800-35	24061963-035	92.3						
160-54800-36	24061963-036	94.5						
160-54800-37	24061963-037	83.9						
160-54800-38	24061963-038	95.8						
160-54800-39	24061963-039	95.8						
160-54800-40	24061963-040	86.6						
160-54800-41	24061963-041	87.1						
160-54800-42	24061963-042	88.1						
160-54800-43	24061963-043	91.6						
160-54800-44	24061963-045	84.1						
LCS 160-672314/2-A	Lab Control Sample	96.8						
LCS 160-672316/2-A	Lab Control Sample	93.1						
LCS 160-672514/2-A	Lab Control Sample	99.3						
MB 160-672314/1-A	Method Blank	91.6						

Tracer/Carrier Summary

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

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

Matrix: Water **Prep Type: Total/NA**

		Percent Yield (Acceptance Limits)							
		Ba							
Lab Sample ID	Client Sample ID	(30-110)							
MB 160-672316/1-A	Method Blank	96.0							
MB 160-672514/1-A	Method Blank	95.0							

Tracer/Carrier Legend

Ba = Ba Carrier

Method: 904.0 - Radium-228 (GFPC)

Matrix: Water **Prep Type: Total/NA**

		Percent Yield (Acceptance Limits)							
		Ba	Y						
Lab Sample ID	Client Sample ID	(30-110)	(30-110)						
160-54800-1	24061963-001	92.1	82.2						
160-54800-2	24061963-002	93.5	76.3						
160-54800-2 DU	24061963-002	92.3	81.9						
160-54800-3	24061963-003	87.3	79.6						
160-54800-4	24061963-004	63.3	77.4						
160-54800-5	24061963-005	93.8	82.2						
160-54800-6	24061963-006	94.3	77.0						
160-54800-8	24061963-008	89.6	79.3						
160-54800-9	24061963-009	92.3	80.0						
160-54800-10	24061963-010	88.1	77.8						
160-54800-11	24061963-011	86.4	80.4						
160-54800-12	24061963-012	90.8	80.7						
160-54800-13	24061963-013	91.1	78.5						
160-54800-14	24061963-014	78.7	79.3						
160-54800-15	24061963-015	94.5	81.5						
160-54800-16	24061963-016	88.6	79.6						
160-54800-17	24061963-017	88.3	81.9						
160-54800-18	24061963-018	81.6	79.3						
160-54800-19	24061963-019	93.3	81.5						
160-54800-20	24061963-020	84.4	74.0						
160-54800-20 DU	24061963-020	87.3	77.4						
160-54800-21	24061963-021	89.1	77.8						
160-54800-22	24061963-022	82.6	79.6						
160-54800-23	24061963-023	83.6	78.9						
160-54800-24	24061963-024	87.3	80.4						
160-54800-25	24061963-025	91.3	83.0						
160-54800-26	24061963-026	85.4	81.1						
160-54800-27	24061963-027	94.0	84.1						
160-54800-28	24061963-028	97.0	81.9						
160-54800-29	24061963-029	97.0	80.7						
160-54800-30	24061963-030	89.8	80.7						
160-54800-31	24061963-031	95.0	77.0						
160-54800-32	24061963-032	89.3	76.3						
160-54800-33	24061963-033	75.2	81.9						
160-54800-34	24061963-034	89.6	83.0						
160-54800-35	24061963-035	92.3	83.7						
160-54800-36	24061963-036	94.5	81.5						
160-54800-37	24061963-037	83.9	81.1						
160-54800-38	24061963-038	95.8	82.2						

Tracer/Carrier Summary

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

Job ID: 160-54800-1
SDG: 24061963

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

Matrix: Water **Prep Type: Total/NA**

		Percent Yield (Acceptance Limits)	
Lab Sample ID	Client Sample ID	Ba (30-110)	Y (30-110)
160-54800-39	24061963-039	95.8	83.7
160-54800-40	24061963-040	86.6	80.7
160-54800-41	24061963-041	87.1	80.4
160-54800-42	24061963-042	88.1	81.5
160-54800-43	24061963-043	91.6	79.3
160-54800-44	24061963-045	84.1	82.2
LCS 160-672315/2-A	Lab Control Sample	96.8	81.9
LCS 160-672317/2-A	Lab Control Sample	93.1	82.2
LCS 160-672518/2-A	Lab Control Sample	99.3	82.2
MB 160-672315/1-A	Method Blank	91.6	80.4
MB 160-672317/1-A	Method Blank	96.0	85.6
MB 160-672518/1-A	Method Blank	95.0	84.5

Tracer/Carrier Legend

Ba = Ba Carrier
Y = Y Carrier

Site Samping Event: BAL- 24Q3
LIMS Workorder: 24061962
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Summary
Baldwin- 3Q 2024

			Weather				Well Condition				
WO Sample	Well ID	Program/ Sample Type	Temp (°F)	Precipitation	Wind Direction	Sky	Well Pad	Casing	Protective Cover	Reference Mark/ ID	Well Locked
001	MW-104DR	Groundwater Sample	77.0	None	S	Cloudy	Good	Good	Good	Yes	Yes
002	MW-104SR	Groundwater Sample	78.0	None	S	Cloudy	Good	Good	Good	Yes	Yes
003	MW-150	Groundwater Sample	78.0	None	S	Partly cloudy	Good	Good	Good	Yes	Yes
004	MW-151	Groundwater Sample	79.0	None	SW	Clear	Good	Good	Good	Yes	Yes
005	MW-152	Groundwater Sample	74.0	None	SW	Clear	Good	Good	Good	Yes	Yes
006	MW-153	Groundwater Sample	66.0	None	S	Partly cloudy	Good	Good	Good	Yes	Yes
007	MW-154	Groundwater Sample	68.0	None	SW	Clear	Good	Good	Good	Yes	Yes
008	MW-155	Groundwater Sample	80.0	None	S	Cloudy	Good	Good	Good	Yes	Yes
009	MW-192	Groundwater Sample	78.0	None	S	Cloudy	Good	Good	Good	Yes	Yes
010	MW-193	Groundwater Sample	74.0	None	SE	Partly cloudy	Good	Good	Good	Yes	Yes
011	MW-195	Groundwater Sample	70.0	None	S	Clear	Good	Good	Good	No	No
012	MW-196	Groundwater Sample	79.0	None	N	Cloudy	Good	Good	Good	No	No
013	MW-197	Groundwater Sample	71.0	None	S	Clear	Good	Good	Good	No	No
014	MW-252	Groundwater Sample	76.0	None	SW	Clear	Good	Good	Good	Yes	Yes
015	MW-253R	Groundwater Sample	69.0	None	S	Clear	Good	Good	Good	Yes	Yes
016	MW-304	Groundwater Sample	76.0	None	S	Cloudy	Good	Good	Good	Yes	Yes
017	MW-350R	Groundwater Sample	79.0	None	S	Partly cloudy	Good	Good	Good	Yes	Yes
018	MW-352	Groundwater Sample	77.0	None	SW	Clear	Good	Good	Good	Yes	Yes
019	MW-355	Groundwater Sample	82.0	None	S	Cloudy	Good	Good	Good	Yes	Yes
020	MW-356	Groundwater Sample	71.0	None	SW	Clear	Good	Good	Good	Yes	Yes
021	MW-358	Groundwater Sample	72.0	None	SW	Clear	Good	Good	Good	Yes	Yes
022	MW-366	Groundwater Sample	76.0	None	SW	Clear	Good	Good	Good	Yes	Yes
023	MW-369	Groundwater Sample	73.0	None	SW	Partly cloudy	Good	Good	Good	Yes	Yes
024	MW-370	Groundwater Sample	73.0	None	SW	Partly cloudy	Good	Good	Good	Yes	Yes
025	MW-375	Groundwater Sample	74.0	None	SW	Partly cloudy	Good	Good	Good	Yes	Yes
026	MW-377	Groundwater Sample	76.0	None	SW	Partly cloudy	Good	Good	Good	Yes	Yes
027	MW-382	Groundwater Sample	74.0	None	SW	Partly cloudy	Good	Good	Good	Yes	Yes
028	MW-383	Groundwater Sample	79.0	None	SE	Cloudy	Good	Good	Good	Yes	Yes
029	MW-384	Groundwater Sample	81.0	None	SE	Cloudy	Good	Good	Good	Yes	Yes
030	MW-390	Groundwater Sample	84.0	None	SE	Cloudy	Good	Good	Good	Yes	Yes
031	MW-391	Groundwater Sample	78.0	None	SW	Clear	Good	Good	Good	Yes	Yes
032	MW-392	Groundwater Sample	78.0	None	S	Cloudy	Good	Good	Good	Yes	Yes
033	MW-393	Groundwater Sample	76.0	None	SE	Cloudy	Good	Good	Good	Yes	Yes
034	MW-394	Groundwater Sample	77.0	None	SE	Cloudy	Good	Good	Good	Yes	Yes
035	OW-156	Stabilization Data Only	77.0	None	SE	Cloudy	Good	Good	Good	Yes	Yes
036	OW-157	Stabilization Data Only	78.0	None	SE	Cloudy	Good	Good	Good	Yes	Yes

Site Samping Event: BAL- 24Q3
LIMS Workorder: 24061962
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Summary
Baldwin- 3Q 2024

			Weather				Well Condition				
WO Sample	Well ID	Program/ Sample Type	Temp (°F)	Precipitation	Wind Direction	Sky	Well Pad	Casing	Protective Cover	Reference Mark/ ID	Well Locked
037	OW-256	Groundwater Sample	84.0	None	SE	Cloudy	Good	Good	Good	Yes	Yes
038	OW-257	Groundwater Sample	79.0	None	SE	Cloudy	Good	Good	Good	Yes	Yes
039	PZ-170	Groundwater Sample	82.0	None	SE	Partly cloudy	Good	Good	Good	Yes	Yes
040	PZ-182	Groundwater Sample	80.0	None	SE	Cloudy	Good	Good	Good	Yes	Yes
041	TPZ-164	Groundwater Sample	81.0	None	S	Partly cloudy	Good	Good	Good	Yes	Yes
042	XPW01	Groundwater Sample	79.0	None	S	Cloudy	Good	Good	Good	Yes	Yes
043	XPW05	Groundwater Sample	80.0	None	S	Cloudy	Good	Good	Good	Yes	Yes
044	XPW06	Groundwater Sample	78.0	None	S	Clear	Good	Good	Good	Yes	Yes
045	Field Blank	QA/QC Sample	79.0	None	N	Cloudy					
046	MW-304 Duplicate	QA/QC Sample	76.0	None	S	Cloudy	Good	Good	Good	Yes	Yes
047	Equipment Blank 1	QA/QC Sample	79.0	None	N	Cloudy					
048	PZ-174	Groundwater Sample	80.0	None	SE	Clear	Good	Good	Good	Yes	Yes
049	PZ-176	Groundwater Sample	77.0	None	S	Clear	Good	Good	Good	Yes	Yes
050	PZ-178	Groundwater Sample	75.0	None	S	Clear	Good	Good	Good	Yes	Yes
052	PZ-178 Duplicate	Groundwater Sample	75.0	None	S	Clear	Good	Good	Good	Yes	Yes

Site Samping Event: BAL- 24Q3
LIMS Workorder: 24061962
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Summary
Baldwin- 3Q 2024

		GW Level Measurement				Purge Activities							
WO Sample	Well ID	Sampler Initials	Date/Time	DTW (ft)	DTB (ft)	Sampler Initials	Purge Date	Purge Start Time	Purge End Time	Purging/Sampling Device	Well Diameter (in)	Actual Volume Purged (L)	Purge Rate (mL/min)
001	MW-104DR	TAC	7/17/24 10:24	8.10	31.50	TAC	7/17/2024	11:47	12:07	Dedicated Bladder Pump	2"	8.0	400.0
002	MW-104SR	TAC	7/17/24 12:17	8.49	18.00	TAC	7/17/2024	12:17	12:33	Dedicated Bladder Pump	2"	4.0	250.0
003	MW-150	JC	7/18/24 12:40	16.50	27.90	JC	7/18/2024	12:40	12:57	Dedicated Bladder Pump	2"	3.0	176.5
004	MW-151	BG	7/18/24 12:54	7.11	19.00	BG	7/18/2024	12:54	13:32	Dedicated Bladder Pump	2"	3.0	78.9
005	MW-152	BG	7/18/24 10:23	6.37	20.00	BG	7/18/2024	10:23	10:44	Dedicated Bladder Pump	2"	3.0	142.9
006	MW-153	JC	7/18/24 8:15	10.98	23.40	JC	7/18/2024	08:15	08:36	Dedicated Bladder Pump	2"	5.0	238.1
007	MW-154	bg	7/19/24 9:43	6.66	15.40	BG	7/19/2024	00:09	10:01	Peristaltic Pump	2"	1.5	2.5
008	MW-155	JC	7/23/24 11:11	17.86	23.40	JC	7/23/2024	11:12	11:28	Dedicated Bladder Pump	2"	3.0	187.5
009	MW-192	TAC	7/17/24 13:49	8.14	32.91	TAC	7/17/2024	13:51	14:12	Dedicated Bladder Pump	2"	4.5	214.3
010	MW-193	JC	7/17/24 7:59	9.19	35.54	JC	7/17/2024	08:00	08:26	Dedicated Bladder Pump	2"	5.0	192.3
011	MW-195	JC	7/19/24 9:10	37.39	52.62	JC	7/19/2024	09:17	09:43	Submersible Pump	2"	8.0	307.7
012	MW-196	JC	7/23/24 10:12	8.42	21.25	JC	7/23/2024	10:13	10:34	Peristaltic Pump	2"	6.0	285.7
013	MW-197	JC	7/19/24 9:57	4.56	20.66	JC	7/19/2024	09:59	10:24	Peristaltic Pump	2"	5.0	200.0
014	MW-252	BG	7/18/24 10:47	3.23	52.30	BG	7/18/2024	10:47	11:18	Peristaltic Pump	2"	5.0	161.3
015	MW-253R	JC	7/18/24 8:40	18.20	38.49	JC	7/18/2024	08:58	09:24	Dedicated Bladder Pump	2"	4.0	153.8
016	MW-304	TAC	7/17/24 9:56	9.01	57.50	TAC	7/17/2024	09:56	10:20	Dedicated Bladder Pump	2"	2.0	83.3
017	MW-350R	JC	7/18/24 12:59	25.98	50.16	JC	7/18/2024	13:24	13:48	Dedicated Bladder Pump	2"	3.5	145.8
018	MW-352	BG	7/18/24 11:23	2.62	75.70	BG	7/18/2024	11:23	12:01	Dedicated Bladder Pump	2"	4.5	118.4
019	MW-355	JC	7/23/24 11:27	20.15	35.40	JC	7/23/2024	11:35	11:53	Dedicated Bladder Pump	2"	3.0	166.7
020	MW-356	BG	7/18/24 9:19	4.98	68.40	BG	7/18/2024	09:19	09:55	Dedicated Bladder Pump	2"	4.0	111.1
021	MW-358	JC	7/18/24 10:03	2.16	92.14	JC	7/18/2024	10:05	11:10	Dedicated Bladder Pump	2"	12.0	184.6
022	MW-366	JC	7/18/24 11:50	13.52	54.50	JC	7/18/2024	11:50	12:06	Dedicated Bladder Pump	2"	3.0	187.5
023	MW-369	TAC	7/18/24 9:25	11.27	68.20	TAC	7/18/2024	09:31	09:56	Dedicated Bladder Pump	2"	4.6	184.0
024	MW-370	TAC	7/18/24 10:34	18.32	65.20	TAC	7/18/2024	10:34	10:51	Dedicated Bladder Pump	2"	3.0	176.5
025	MW-375	TAC	7/18/24 13:01	33.37	69.50	TAC	7/18/2024	13:01	13:23	Dedicated Bladder Pump	2"	3.0	136.4
026	MW-377	TAC	7/18/24 14:18	6.54	7.72	TAC	7/18/2024	14:18	14:41	Dedicated Bladder Pump	2"	4.5	195.7
027	MW-382	TAC	7/18/24 11:36	16.13	68.50	TAC	7/18/2024	11:36	12:04	Dedicated Bladder Pump	2"	4.5	160.7
028	MW-383	JC	7/17/24 10:23	36.09	70.30	JC	7/17/2024	10:25	11:15	Dedicated Bladder Pump	2"	9.0	180.0
029	MW-384	JC	7/17/24 11:49	23.40	72.70	JC	7/17/2024	11:50	12:11	Dedicated Bladder Pump	2"	3.5	166.7
030	MW-390	JC	7/17/24 13:04	12.53	67.10	JC	7/17/2024	13:05	13:32	Dedicated Bladder Pump	2"	5.0	185.2
031	MW-391	BG	7/19/24 10:39	66.31	72.40	BG	7/19/2024	10:39	11:05	Dedicated Bladder Pump	2"	1.5	57.7
032	MW-392	TAC	7/17/24 12:59	8.79	86.96	TAC	7/17/2024	13:00	13:23	Dedicated Bladder Pump	2"	4.0	173.9
033	MW-393	JC	7/17/24 8:43	8.20	88.27	JC	7/17/2024	08:52	09:08	Dedicated Bladder Pump	2"	3.0	187.5
034	MW-394	JC	7/17/24 9:40	10.52	85.78	JC	7/17/2024	09:40	09:54	Dedicated Bladder Pump	2"	3.0	214.3
035	OW-156	BG	7/17/24 9:27	6.31	20.40	BG	7/17/2024	09:27	09:31	Bailer	2"	2.0	500.0
036	OW-157	BG	7/17/24 9:47	7.88	20.40	BG	7/17/2024	09:47	09:55	Bailer	2"	2.0	250.0

Site Samping Event: BAL- 24Q3
LIMS Workorder: 24061962
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Summary
Baldwin- 3Q 2024

		GW Level Measurement				Purge Activities							
WO Sample	Well ID	Sampler Initials	Date/Time	DTW (ft)	DTB (ft)	Sampler Initials	Purge Date	Purge Start Time	Purge End Time	Purging/Sampling Device	Well Diameter (in)	Actual Volume Purged (L)	Purge Rate (mL/min)
037	OW-256	BG	7/17/24 13:43	7.62	35.60	BG	7/17/2024	13:43	14:06	Peristaltic Pump	2"	3.0	130.4
038	OW-257	BG	7/17/24 10:05	6.24	41.90	BG	7/17/2024	10:05	10:33	Peristaltic Pump	2"	5.0	178.6
039	PZ-170	BG	7/17/24 12:00	15.18	34.00	BG	7/17/2024	12:00	12:25	Peristaltic Pump	2"	3.0	120.0
040	PZ-182	BG	7/17/24 10:52	16.73	37.10	BG	7/17/2024	10:52	11:38	Peristaltic Pump	2"	2.0	43.5
041	TPZ-164	JC	7/22/24 12:56	4.31	12.90	JC	7/22/2024	12:57	13:13	Peristaltic Pump	2"	3.0	187.5
042	XPW01	JC	7/22/24 11:44	6.57	14.53	JC	7/22/2024	11:44	12:03	Dedicated Bladder Pump	2"	3.0	157.9
043	XPW05	JC	7/22/24 12:23	5.15	31.15	JC	7/22/2024	12:23	12:42	Dedicated Bladder Pump	2"	3.5	184.2
044	XPW06	JC	7/22/24 11:14	2.47	9.66	JC	7/22/2024	11:15	11:27	Dedicated Bladder Pump	2"	2.5	208.3
045	Field Blank	-	-	-	-	-	-	-	-			-	-
046	MW-304 Duplicate	TAC	7/17/24 9:56	9.01	57.50	TAC	7/17/2024	09:56	10:20	Dedicated Bladder Pump	2"	2.0	83.3
047	Equipment Blank 1	-	-	-	-	-	-	-	-			-	-
048	PZ-174	BG	7/18/24 14:28	7.24	27.84	BG	7/18/2024	14:28	15:01	Peristaltic Pump	2"	4.5	136.4
049	PZ-176	JC	7/22/24 10:35	11.45	31.43	JC	7/22/2024	10:38	10:56	Peristaltic Pump	2"	4.0	222.2
050	PZ-178	JC	7/22/24 9:52	6.34	45.71	JC	7/22/2024	09:56	10:12	Peristaltic Pump	2"	3.0	187.5
052	PZ-178 Duplicate	JC	7/22/24 9:52	6.34	45.71	JC	7/22/2024	09:56	10:12	Peristaltic Pump	2"	3.0	187.5

Site Samping Event: BAL- 24Q3
LIMS Workorder: 24061962
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Summary
Baldwin- 3Q 2024

		Sampling Activities and Observations										
WO Sample	Well ID	Sampler Initials	Date	Time	Sampling Method	Instrument ID	Field Filtered	Appearance	Odor	Color	Post-Sample DTW (ft)	Drawdown (ft)
001	MW-104DR	TAC	07/17/24	12:07	Low Flow	218083	Yes	Clear	None	None	8.72	0.62
002	MW-104SR	TAC	07/17/24	12:33	Low Flow	218083	Yes	Clear	None	None	10.35	1.86
003	MW-150	JC	07/18/24	12:57	Low Flow	51294	Yes	Clear	None	none	16.81	0.31
004	MW-151	BG	07/18/24	13:32	Low Flow	45720	Yes	Clear	None	CLEAR	9.76	2.65
005	MW-152	BG	07/18/24	10:44	Low Flow	45720	Yes	Clear	None	CLEAR	7.45	1.08
006	MW-153	JC	07/18/24	08:36	Low Flow	51294	Yes	Slightly cloudy	None	none	11.91	0.93
007	MW-154	BG	07/19/24	10:01	Low Flow	45720	Yes	Clear	None	CLEAR	7.56	0.9
008	MW-155	JC	07/23/24	11:28	Low Flow	51294	Yes	Clear	None	none	18.53	0.67
009	MW-192	TAC	07/17/24	14:12	Low Flow	218083	No	Clear	None	None	16.29	8.15
010	MW-193	JC	07/17/24	08:26	Low Flow	51294	No	Clear	None	none	9.20	0.01
011	MW-195	JC	07/19/24	09:43	Low Flow	51294	Yes	Clear	None	none	37.85	0.46
012	MW-196	JC	07/23/24	10:34	Low Flow	51294	Yes	Clear	None	none	13.08	4.66
013	MW-197	JC	07/19/24	10:24	Low Flow	51294	Yes	Clear	None	none	10.04	5.48
014	MW-252	BG	07/18/24	11:18	Low Flow	45720	Yes	Clear	None	CLEAR	3.98	0.75
015	MW-253R	JC	07/18/24	09:24	Low Flow	51294	Yes	Clear	None	none	22.68	4.48
016	MW-304	TAC	07/17/24	10:20	Low Flow	218083	Yes	Clear	None	None	11.91	2.9
017	MW-350R	JC	07/18/24	13:48	Low Flow	51294	Yes	Clear	None	none	29.35	3.37
018	MW-352	BG	07/18/24	12:01	Low Flow	45720	Yes	Clear	None	CLEAR	3.21	0.59
019	MW-355	JC	07/23/24	11:53	Low Flow	51294	Yes	Clear	None	none	20.20	0.05
020	MW-356	BG	07/18/24	09:55	Low Flow	45720	No	Clear	Moderate	CLEAR	5.31	0.33
021	MW-358	JC	07/18/24	11:10	Low Flow	51294	No	Clear	Slight	none	5.34	3.18
022	MW-366	JC	07/18/24	12:06	Low Flow	51294	No	Clear	None	none	16.14	2.62
023	MW-369	TAC	07/18/24	09:56	Low Flow	218083	No	Clear	Slight	None	16.77	5.5
024	MW-370	TAC	07/18/24	10:51	Low Flow	218083	No	Clear	None	None	22.59	4.27
025	MW-375	TAC	07/18/24	13:23	Low Flow	218083	No	Clear	None	None	37.64	4.27
026	MW-377	TAC	07/18/24	14:41	Low Flow	218083	No	Clear	None	None	11.51	4.97
027	MW-382	TAC	07/18/24	12:04	Low Flow	218083	No	Cloudy	None	None	22.08	5.95
028	MW-383	JC	07/17/24	11:15	Low Flow	51294	No	Clear	None	none	36.09	0
029	MW-384	JC	07/17/24	12:11	Low Flow	51294	No	Clear	None	none	23.40	23.4
030	MW-390	JC	07/17/24	13:32	Low Flow	51294	No	Clear	None	none	12.68	0.15
031	MW-391	BG	07/19/24	11:05	Low Flow	45720	Yes	Clear	None	cLEAR	67.21	0.9
032	MW-392	TAC	07/17/24	13:23	Low Flow	218083	No	Clear	None	None	14.45	5.66
033	MW-393	JC	07/17/24	09:08	Low Flow	51294	No	Clear	Slight	none	8.20	0
034	MW-394	JC	07/17/24	09:54	Low Flow	51294	No	Clear	Slight	none	10.87	0.35
035	OW-156	BG	07/17/24	09:31	Bailer Purge	45720	No	Clear	None	CLEAR	6.39	0.08
036	OW-157	BG	07/17/24	09:55	Bailer Purge	45720	No	Clear	None	clear	7.89	0.01

Site Samping Event: BAL- 24Q3
LIMS Workorder: 24061962
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Summary
Baldwin- 3Q 2024

WO Sample	Well ID	Sampling Activities and Observations										
		Sampler Initials	Date	Time	Sampling Method	Instrument ID	Field Filtered	Appearance	Odor	Color	Post-Sample DTW (ft)	Drawdown (ft)
037	OW-256	BG	07/17/24	14:06	Low Flow	45720	No	Clear	None	CLEAR	8.36	0.74
038	OW-257	BG	07/17/24	10:33	Low Flow	45720	No	Clear	None	CLEAR	6.44	0.2
039	PZ-170	BG	07/17/24	12:25	Low Flow	45720	No	Clear	Moderate	CLEAR	16.05	0.87
040	PZ-182	BG	07/17/24	11:38	Low Flow	45720	No	Clear	Slight	CLRAR	17.12	0.39
041	TPZ-164	JC	07/22/24	13:13	Low Flow	51294	No	Clear	None	none	4.87	0.56
042	XPW01	JC	07/22/24	12:03	Low Flow	51294	No	Clear	None	none	9.58	3.01
043	XPW05	JC	07/22/24	12:42	Low Flow	51294	No	Clear	Slight	none	5.15	0
044	XPW06	JC	07/22/24	11:27	Low Flow	51294	No	Clear	None	none	2.87	0.4
045	Field Blank	JC	07/23/24	12:04		-	No	Clear	None	None	-	-
046	MW-304 Duplicate	TAC	07/17/24	10:20	Low Flow	218083	Yes	Clear	None	None	11.91	2.9
047	Equipment Blank 1	JC	07/23/24	12:11		-	No	Clear	None	None	-	-
048	PZ-174	BG	07/18/24	15:01	Low Flow	0	Yes	Clear	None	CLEAR	7.77	0.53
049	PZ-176	JC	07/22/24	10:56	Low Flow	51294	Yes	Clear	None	none	12.58	1.13
050	PZ-178	JC	07/22/24	10:12	Low Flow	51294	Yes	Clear	None	none	7.31	0.97
052	PZ-178 Duplicate	JC	07/22/24	10:12	Low Flow	51294	Yes	Clear	None	none	7.31	0.97

Site Sampling Event: BAL- 24Q3
LIMS Workorder: 24061962
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Summary
Baldwin- 3Q 2024

WO Sample	Well ID	COMMENTS
001	MW-104DR	
002	MW-104SR	
003	MW-150	
004	MW-151	
005	MW-152	
006	MW-153	
007	MW-154	
008	MW-155	
009	MW-192	
010	MW-193	
011	MW-195	
012	MW-196	
013	MW-197	
014	MW-252	
015	MW-253R	
016	MW-304	
017	MW-350R	
018	MW-352	
019	MW-355	
020	MW-356	
021	MW-358	
022	MW-366	
023	MW-369	
024	MW-370	
025	MW-375	
026	MW-377	
027	MW-382	
028	MW-383	
029	MW-384	
030	MW-390	
031	MW-391	
032	MW-392	
033	MW-393	
034	MW-394	
035	OW-156	
036	OW-157	

Site Samping Event: BAL- 24Q3
LIMS Workorder: 24061962
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Summary
Baldwin- 3Q 2024

WO Sample	Well ID	COMMENTS
037	OW-256	
038	OW-257	
039	PZ-170	
040	PZ-182	
041	TPZ-164	
042	XPW01	
043	XPW05	
044	XPW06	
045	Field Blank	
046	MW-304 Duplicate	
047	Equipment Blank 1	
048	PZ-174	
049	PZ-176	
050	PZ-178	
052	PZ-178 Duplicate	

Site Samping Event: BAL- 24Q3
LIMS Workorder: 24061962
Technician(s): DC, JC, TC, BG, PY

Stabilized Field Parameters Summary
Baldwin- 3Q 2024

Well ID	Date	Time	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	DTW (ft)	LIMS ID
MW-104DR	7/17/2024	12:07	16.8	62.2	6.90	901.2	0.31	26.87	90.0	8.10	24061962-001A
MW-104SR	7/17/2024	12:33	18.5	65.3	6.64	1,134.3	0.20	38.09	-139.3	8.49	24061962-002A
MW-150	7/18/2024	12:57	16.0	60.9	7.28	2,063.4	0.49	3.81	-61.2	16.50	24061962-003A
MW-151	7/18/2024	13:32	15.9	60.6	7.01	1,029.4	1.00	6.04	4.3	7.11	24061962-004A
MW-152	7/18/2024	10:44	16.2	61.1	7.07	1,263.1	1.29	6.98	87.1	6.37	24061962-005A
MW-153	7/18/2024	8:36	15.6	60.1	7.26	635.2	1.10	114.36	-42.3	10.98	24061962-006A
MW-154	7/19/2024	10:01	17.3	63.1	7.15	666.8	2.85	8.93	74.5	6.66	24061962-007A
MW-155	7/23/2024	11:28	17.9	64.2	7.14	838.0	1.15	11.90	28.4	17.86	24061962-008A
MW-192	7/17/2024	14:12	18.9	66.0	6.75	701.7	0.16	109.48	-109.7	8.14	24061962-009A
MW-193	7/17/2024	8:26	18.8	65.8	6.96	940.2	0.45	16.81	-38.6	9.19	24061962-010A
MW-195	7/19/2024	9:43	16.7	62.1	7.40	590.7	0.51	10.39	-48.3	37.39	24061962-011A
MW-196	7/23/2024	10:34	20.3	68.5	7.18	1,345.7	1.75	24.05	-17.6	8.42	24061962-012A
MW-197	7/19/2024	10:24	20.6	69.0	7.17	1,116.8	4.12	1.98	0.9	4.56	24061962-013A
MW-252	7/18/2024	11:18	18.5	65.4	6.91	1,579.3	2.34	33.20	-60.7	3.23	24061962-014A
MW-253R	7/18/2024	9:24	15.8	60.4	7.08	1,653.1	0.47	4.91	-78.0	18.20	24061962-015A
MW-304	7/17/2024	10:20	18.6	65.5	7.70	2,239.6	0.39	13.57	-22.1	9.01	24061962-016A
MW-350R	7/18/2024	13:48	18.2	64.8	7.69	818.5	0.48	16.52	-86.6	25.98	24061962-017A
MW-352	7/18/2024	12:01	17.2	62.9	7.74	1,997.7	4.60	2.04	-43.4	2.62	24061962-018A
MW-355	7/23/2024	11:53	17.2	63.0	7.19	870.3	0.82	2.75	-10.7	20.15	24061962-019A
MW-356	7/18/2024	9:55	17.4	63.3	7.90	1,040.7	1.90	18.31	46.5	4.98	24061962-020A
MW-358	7/18/2024	11:10	17.8	64.0	7.60	1,118.0	0.00	787.38	-223.9	2.16	24061962-021A
MW-366	7/18/2024	12:06	17.6	63.6	6.90	1,967.3	0.17	11.66	-23.7	13.52	24061962-022A
MW-369	7/18/2024	9:56	16.8	62.2	7.61	1,587.4	0.16	48.67	-238.7	11.27	24061962-023A
MW-370	7/18/2024	10:51	16.9	62.4	7.51	5,438.6	0.27	6.81	-48.7	18.32	24061962-024A
MW-375	7/18/2024	13:23	15.7	60.3	7.69	1,483.5	0.22	22.63	-209.4	33.37	24061962-025A
MW-377	7/18/2024	14:41	17.0	62.6	7.04	1,049.1	0.40	26.28	-22.8	6.54	24061962-026A
MW-382	7/18/2024	12:04	17.0	62.6	7.62	1,665.4	0.22	123.36	-45.1	16.13	24061962-027A
MW-383	7/17/2024	11:15	19.7	67.5	7.71	1,482.7	0.08	48.61	-80.9	36.09	24061962-028A
MW-384	7/17/2024	12:11	19.8	67.6	8.31	2,857.4	0.18	9.63	-4.5	23.40	24061962-029A
MW-390	7/17/2024	13:32	18.3	64.9	7.47	2,317.5	0.05	15.29	-93.9	12.53	24061962-030A
MW-391	7/19/2024	11:05	18.8	65.8	7.76	1,246.5	5.67	92.66	91.2	66.31	24061962-031A
MW-392	7/17/2024	13:23	19.7	67.4	7.66	3,310.6	0.49	37.72	-150.8	8.79	24061962-032A
MW-393	7/17/2024	9:08	19.3	66.7	8.41	4,314.7	0.11	17.40	-141.4	8.20	24061962-033A
MW-394	7/17/2024	9:54	18.9	66.0	8.26	4,280.7	0.04	9.94	-279.2	10.52	24061962-034A
OW-156	7/17/2024	9:31	22.3	72.1	6.71	788.4	4.94	20.81	134.2	6.31	24061962-035A
OW-157	7/17/2024	9:55	21.2	70.2	6.43	3,699.5	2.35	2.96	79.9	7.88	24061962-036A
OW-256	7/17/2024	14:06	18.6	65.5	7.05	825.0	1.36	2.57	24.3	7.62	24061962-037A
OW-257	7/17/2024	10:33	18.6	65.4	6.87	1,101.5	4.30	2.90	112.8	6.24	24061962-038A
PZ-170	7/17/2024	12:25	18.3	65.0	6.74	1,627.7	0.97	1.70	-121.6	15.18	24061962-039A
PZ-182	7/17/2024	11:38	28.2	82.7	6.78	777.0	3.16	16.94	-49.4	16.73	24061962-040A
TPZ-164	7/22/2024	13:13	21.0	69.8	7.39	887.9	0.15	6.08	-179.7	4.31	24061962-041A
XPW01	7/22/2024	12:03	19.1	66.3	7.18	646.1	0.13	5.53	-67.8	6.57	24061962-042A

Site Samping Event: BAL- 24Q3
LIMS Workorder: 24061962
Technician(s): DC, JC, TC, BG, PY

Stabilized Field Parameters Summary
Baldwin- 3Q 2024

Well ID	Date	Time	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	DTW (ft)	LIMS ID
XPW05	7/22/2024	12:42	22.6	72.7	7.21	853.3	0.55	10.92	-97.0	5.15	24061962-043A
XPW06	7/22/2024	11:27	21.4	70.6	7.35	814.5	0.09	2.82	-71.4	2.47	24061962-044A
Field Blank	7/23/2024	12:04	QA/QC Sample							-	24061962-045A
MW-304 Duplicate	7/17/2024	10:20	18.6	65.5	7.70	2,239.6	0.39	13.57	-22.1	9.01	24061962-046A
Equipment Blank 1	7/23/2024	12:11	QA/QC Sample							-	24061962-047A
PZ-174	7/18/2024	15:01	17.7	63.9	7.22	1,473.6	3.74	38.65	79.5	7.24	24061962-048A
PZ-176	7/22/2024	10:56	17.4	63.4	7.02	1,133.8	0.42	53.71	56.8	11.45	24061962-049A
PZ-178	7/22/2024	10:12	21.0	69.7	7.04	1,272.3	0.53	69.99	11.6	6.34	24061962-050A
PZ-178 Duplicate	7/22/2024	10:12	21.0	69.7	7.04	1,272.3	0.53	69.99	11.6	6.34	24061962-052A

Site Samping Event: BAL- 24Q3
LIMS Workorder: 24061962
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groudnwater Quality Parameters
Baldwin- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-104DR	7/17/2024	11:55	8.10	17.0	62.6	6.86	905.8	0.70	6.88	92.5
MW-104DR	7/17/2024	11:58	8.10	16.9	62.4	6.87	905.4	0.50	10.38	92.7
MW-104DR	7/17/2024	12:01	8.10	16.8	62.3	6.87	904.1	0.40	13.79	92.3
MW-104DR	7/17/2024	12:04	8.10	16.8	62.2	6.88	900.7	0.34	17.81	91.3
MW-104DR	7/17/2024	12:07	8.10	16.8	62.2	6.90	901.2	0.31	26.87	90.0

Site Samping Event: BAL- 24Q3
LIMS Workorder: 24061962
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groudnwater Quality Parameters
Baldwin- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-104SR	7/17/2024	12:24	8.49	17.9	64.2	6.65	1,137.0	0.39	8.08	-138.4
MW-104SR	7/17/2024	12:27	8.49	18.1	64.5	6.64	1,133.8	0.27	18.73	-140.8
MW-104SR	7/17/2024	12:30	8.49	18.3	64.9	6.64	1,134.9	0.22	27.39	-141.2
MW-104SR	7/17/2024	12:33	8.49	18.5	65.3	6.64	1,134.3	0.20	38.09	-139.3

Site Samping Event: BAL- 24Q3
LIMS Workorder: 24061962
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groudnwater Quality Parameters
Baldwin- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-150	7/18/2024	12:45	16.50	17.4	63.3	7.31	2,097.4	0.92	9.14	-78.6
MW-150	7/18/2024	12:48	16.50	16.8	62.2	7.29	2,084.4	0.49	6.08	-76.2
MW-150	7/18/2024	12:51	16.50	16.4	61.4	7.29	2,075.2	0.48	4.72	-70.6
MW-150	7/18/2024	12:54	16.50	16.3	61.4	7.28	2,066.2	0.50	4.11	-65.4
MW-150	7/18/2024	12:57	16.50	16.0	60.9	7.28	2,063.4	0.49	3.81	-61.2

Site Samping Event: BAL- 24Q3
LIMS Workorder: 24061962
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groudnwater Quality Parameters
Baldwin- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-151	7/18/2024	13:14	7.11	16.3	61.3	7.09	952.6	1.19	24.10	-9.2
MW-151	7/18/2024	13:17	7.11	16.3	61.3	7.07	977.5	1.15	18.72	-5.2
MW-151	7/18/2024	13:20	7.11	16.3	61.3	7.05	1,000.8	1.12	11.70	-2.1
MW-151	7/18/2024	13:23	7.11	16.2	61.1	7.04	1,014.9	1.09	11.50	0.0
MW-151	7/18/2024	13:26	7.11	16.0	60.9	7.03	1,022.1	1.06	8.84	1.5
MW-151	7/18/2024	13:29	7.11	16.0	60.7	7.02	1,025.9	1.03	8.31	2.9
MW-151	7/18/2024	13:32	7.11	15.9	60.6	7.01	1,029.4	1.00	6.04	4.3

Site Samping Event: BAL- 24Q3
LIMS Workorder: 24061962
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groudnwater Quality Parameters
Baldwin- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-152	7/18/2024	10:35	6.37	16.2	61.2	7.13	1,264.3	1.63	7.91	87.5
MW-152	7/18/2024	10:38	6.37	16.2	61.1	7.10	1,263.0	1.49	8.45	87.6
MW-152	7/18/2024	10:41	6.37	16.2	61.2	7.08	1,262.4	1.38	7.66	87.5
MW-152	7/18/2024	10:44	6.37	16.2	61.1	7.07	1,263.1	1.29	6.98	87.1

Site Samping Event: BAL- 24Q3
LIMS Workorder: 24061962
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groudnwater Quality Parameters
Baldwin- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-153	7/18/2024	8:27	10.98	15.7	60.2	7.29	648.7	1.04	123.22	-49.1
MW-153	7/18/2024	8:30	10.98	15.7	60.2	7.27	635.4	1.00	118.85	-46.8
MW-153	7/18/2024	8:33	10.98	15.6	60.1	7.27	634.0	1.03	118.13	-44.5
MW-153	7/18/2024	8:36	10.98	15.6	60.1	7.26	635.2	1.10	114.36	-42.3

Site Samping Event: BAL- 24Q3
LIMS Workorder: 24061962
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groudnwater Quality Parameters
Baldwin- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-154	7/19/2024	9:49	6.66	16.7	62.1	7.70	715.1	5.22	9.99	74.3
MW-154	7/19/2024	9:52	6.66	17.1	62.8	7.40	680.4	4.26	9.79	73.4
MW-154	7/19/2024	9:55	6.66	17.1	62.8	7.27	669.1	3.61	9.47	73.7
MW-154	7/19/2024	9:58	6.66	17.3	63.1	7.20	666.5	3.14	9.06	74.2
MW-154	7/19/2024	10:01	6.66	17.3	63.1	7.15	666.8	2.85	8.93	74.5

Site Samping Event: BAL- 24Q3
LIMS Workorder: 24061962
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groudnwater Quality Parameters
Baldwin- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-155	7/23/2024	11:16	17.86	17.9	64.3	7.22	849.5	2.86	54.09	35.4
MW-155	7/23/2024	11:19	17.86	17.8	64.0	7.18	839.7	1.49	29.56	32.1
MW-155	7/23/2024	11:22	17.86	17.7	63.9	7.16	838.1	1.22	22.39	30.4
MW-155	7/23/2024	11:25	17.86	17.8	64.0	7.15	837.4	1.16	19.15	29.4
MW-155	7/23/2024	11:28	17.86	17.9	64.2	7.14	838.0	1.15	11.90	28.4

Site Samping Event: BAL- 24Q3
LIMS Workorder: 24061962
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groudnwater Quality Parameters
Baldwin- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-192	7/17/2024	14:00	8.14	19.1	66.3	6.75	705.6	0.25	29.04	-113.2
MW-192	7/17/2024	14:03	8.14	19.0	66.2	6.75	703.8	0.21	47.52	-113.1
MW-192	7/17/2024	14:06	8.14	19.0	66.1	6.75	704.0	0.18	65.38	-112.6
MW-192	7/17/2024	14:09	8.14	18.9	66.1	6.75	702.4	0.17	87.34	-112.2
MW-192	7/17/2024	14:12	8.14	18.9	66.0	6.75	701.7	0.16	109.48	-109.7

Site Samping Event: BAL- 24Q3
LIMS Workorder: 24061962
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groudnwater Quality Parameters
Baldwin- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-193	7/17/2024	8:08	9.19	19.5	67.0	7.00	944.6	0.61	53.12	-44.8
MW-193	7/17/2024	8:11	9.19	19.3	66.7	6.97	941.8	0.53	42.82	-44.8
MW-193	7/17/2024	8:14	9.19	19.2	66.6	6.97	940.6	0.50	33.34	-43.9
MW-193	7/17/2024	8:17	9.19	19.1	66.3	6.97	941.8	0.43	25.86	-42.9
MW-193	7/17/2024	8:20	9.19	19.0	66.2	6.97	940.6	0.45	19.89	-41.6
MW-193	7/17/2024	8:23	9.19	18.8	65.9	6.96	940.2	0.36	19.05	-40.2
MW-193	7/17/2024	8:26	9.19	18.8	65.8	6.96	940.2	0.45	16.81	-38.6

Site Samping Event: BAL- 24Q3
LIMS Workorder: 24061962
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groudnwater Quality Parameters
Baldwin- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-195	7/19/2024	9:22	37.39	16.1	60.9	7.40	589.1	1.18	44.39	-5.9
MW-195	7/19/2024	9:25	37.39	16.6	61.8	7.40	589.6	1.03	35.76	-19.3
MW-195	7/19/2024	9:28	37.39	16.5	61.7	7.40	590.5	0.92	30.38	-32.2
MW-195	7/19/2024	9:31	37.39	16.7	62.0	7.41	591.3	0.87	24.11	-37.7
MW-195	7/19/2024	9:34	37.39	16.7	62.1	7.41	591.3	0.77	22.56	-41.9
MW-195	7/19/2024	9:37	37.39	16.6	61.9	7.41	590.4	0.65	16.26	-45.1
MW-195	7/19/2024	9:40	37.39	16.7	62.0	7.41	590.5	0.56	13.00	-47.6
MW-195	7/19/2024	9:43	37.39	16.7	62.1	7.40	590.7	0.51	10.39	-48.3

Site Samping Event: BAL- 24Q3
LIMS Workorder: 24061962
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groudnwater Quality Parameters
Baldwin- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-196	7/23/2024	10:16	8.42	18.8	65.9	7.22	1,342.8	3.51	14.20	-17.1
MW-196	7/23/2024	10:19	8.42	18.7	65.6	7.18	1,335.4	2.87	13.73	-22.4
MW-196	7/23/2024	10:22	8.42	19.3	66.8	7.16	1,332.4	2.39	14.71	-23.1
MW-196	7/23/2024	10:25	8.42	19.5	67.2	7.20	1,332.0	2.12	41.40	-22.8
MW-196	7/23/2024	10:28	8.42	20.3	68.6	7.20	1,335.7	1.98	39.72	-21.9
MW-196	7/23/2024	10:31	8.42	20.1	68.2	7.19	1,339.8	1.84	29.31	-19.8
MW-196	7/23/2024	10:34	8.42	20.3	68.5	7.18	1,345.7	1.75	24.05	-17.6

Site Samping Event: BAL- 24Q3
LIMS Workorder: 24061962
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groudnwater Quality Parameters
Baldwin- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-197	7/19/2024	10:03	4.56	19.3	66.7	7.12	1,110.8	5.19	8.65	-16.4
MW-197	7/19/2024	10:06	4.56	19.5	67.0	7.13	1,113.1	4.94	8.23	-16.0
MW-197	7/19/2024	10:09	4.56	19.5	67.1	7.14	1,112.6	4.74	6.79	-13.3
MW-197	7/19/2024	10:12	4.56	19.8	67.6	7.14	1,113.3	4.55	4.74	-10.7
MW-197	7/19/2024	10:15	4.56	20.0	68.0	7.14	1,113.7	4.41	3.50	-7.9
MW-197	7/19/2024	10:18	4.56	20.4	68.8	7.15	1,114.3	4.28	2.99	-5.2
MW-197	7/19/2024	10:21	4.56	20.5	69.0	7.16	1,116.9	4.20	2.45	-2.2
MW-197	7/19/2024	10:24	4.56	20.6	69.0	7.17	1,116.8	4.12	1.98	0.9

Site Samping Event: BAL- 24Q3
LIMS Workorder: 24061962
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groudnwater Quality Parameters
Baldwin- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-252	7/18/2024	11:09	3.23	18.6	65.4	6.92	1,581.0	2.39	23.14	-54.6
MW-252	7/18/2024	11:12	3.23	18.2	64.8	6.92	1,581.8	2.36	23.43	-56.8
MW-252	7/18/2024	11:15	3.23	18.3	64.9	6.91	1,580.6	2.37	32.58	-59.0
MW-252	7/18/2024	11:18	3.23	18.5	65.4	6.91	1,579.3	2.34	33.20	-60.7

Site Samping Event: BAL- 24Q3
LIMS Workorder: 24061962
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groudnwater Quality Parameters
Baldwin- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-253R	7/18/2024	9:06	18.20	15.6	60.1	7.06	1,739.1	0.35	13.12	-82.9
MW-253R	7/18/2024	9:09	18.20	15.7	60.2	7.06	1,715.6	0.38	30.09	-89.6
MW-253R	7/18/2024	9:12	18.20	15.8	60.4	7.06	1,701.1	0.39	36.89	-93.5
MW-253R	7/18/2024	9:15	18.20	15.8	60.5	7.07	1,680.2	0.42	20.48	-91.4
MW-253R	7/18/2024	9:18	18.20	15.8	60.4	7.07	1,667.6	0.43	5.89	-87.0
MW-253R	7/18/2024	9:21	18.20	15.8	60.4	7.07	1,660.0	0.44	10.08	-82.3
MW-253R	7/18/2024	9:24	18.20	15.8	60.4	7.08	1,653.1	0.47	4.91	-78.0

Site Samping Event: BAL- 24Q3
LIMS Workorder: 24061962
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groudnwater Quality Parameters
Baldwin- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-304	7/17/2024	10:08	9.01	18.9	65.9	7.66	2,253.1	0.72	5.00	-87.9
MW-304	7/17/2024	10:11	9.01	18.7	65.7	7.69	2,247.9	0.58	6.97	-63.9
MW-304	7/17/2024	10:14	9.01	18.7	65.7	7.70	2,244.7	0.48	8.29	-45.9
MW-304	7/17/2024	10:17	9.01	18.7	65.7	7.71	2,241.0	0.42	11.08	-32.4
MW-304	7/17/2024	10:20	9.01	18.6	65.5	7.70	2,239.6	0.39	13.57	-22.1

Site Samping Event: BAL- 24Q3
LIMS Workorder: 24061962
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groudnwater Quality Parameters
Baldwin- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-350R	7/18/2024	13:33	25.98	18.0	64.5	7.73	764.7	2.46	9.20	-33.2
MW-350R	7/18/2024	13:36	25.98	18.0	64.5	7.71	798.5	1.59	13.13	-53.1
MW-350R	7/18/2024	13:39	25.98	18.0	64.4	7.70	814.8	0.79	14.77	-67.7
MW-350R	7/18/2024	13:42	25.98	18.1	64.5	7.70	817.3	0.55	16.77	-76.6
MW-350R	7/18/2024	13:45	25.98	18.2	64.8	7.69	817.5	0.50	17.32	-82.3
MW-350R	7/18/2024	13:48	25.98	18.2	64.8	7.69	818.5	0.48	16.52	-86.6

Site Samping Event: BAL- 24Q3
LIMS Workorder: 24061962
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groudnwater Quality Parameters
Baldwin- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-352	7/18/2024	11:49	2.62	18.0	64.4	7.71	2,008.3	3.36	3.78	-43.9
MW-352	7/18/2024	11:52	2.62	17.2	62.9	7.72	2,001.3	3.65	9.76	-45.6
MW-352	7/18/2024	11:55	2.62	17.1	62.8	7.73	1,997.0	4.01	15.39	-45.4
MW-352	7/18/2024	11:58	2.62	17.1	62.7	7.74	1,994.2	4.30	4.19	-44.1
MW-352	7/18/2024	12:01	2.62	17.2	62.9	7.74	1,997.7	4.60	2.04	-43.4

Site Samping Event: BAL- 24Q3
LIMS Workorder: 24061962
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groudnwater Quality Parameters
Baldwin- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-355	7/23/2024	11:41	20.15	17.1	62.9	7.26	879.1	1.77	3.44	-34.0
MW-355	7/23/2024	11:44	20.15	17.1	62.8	7.24	872.1	1.15	2.90	-24.3
MW-355	7/23/2024	11:47	20.15	17.0	62.7	7.21	870.5	0.98	2.64	-16.5
MW-355	7/23/2024	11:50	20.15	17.2	62.9	7.19	870.0	0.88	2.59	-12.8
MW-355	7/23/2024	11:53	20.15	17.2	63.0	7.19	870.3	0.82	2.75	-10.7

Site Samping Event: BAL- 24Q3
LIMS Workorder: 24061962
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groudnwater Quality Parameters
Baldwin- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-356	7/18/2024	9:28	4.98	17.7	63.9	8.05	1,116.4	2.93	8.78	36.3
MW-356	7/18/2024	9:31	4.98	17.7	63.9	8.01	1,081.6	2.70	10.37	37.8
MW-356	7/18/2024	9:34	4.98	17.6	63.7	7.98	1,061.7	2.57	14.34	39.4
MW-356	7/18/2024	9:37	4.98	17.5	63.6	7.96	1,047.9	2.51	15.61	40.9
MW-356	7/18/2024	9:40	4.98	17.6	63.6	7.94	1,043.4	2.45	24.84	42.3
MW-356	7/18/2024	9:43	4.98	17.5	63.6	7.93	1,041.5	2.37	14.66	43.3
MW-356	7/18/2024	9:46	4.98	17.4	63.4	7.93	1,042.0	2.23	15.69	44.0
MW-356	7/18/2024	9:49	4.98	17.5	63.4	7.92	1,039.8	2.12	21.24	44.7
MW-356	7/18/2024	9:52	4.98	17.4	63.2	7.91	1,040.8	2.01	16.15	46.0
MW-356	7/18/2024	9:55	4.98	17.4	63.3	7.90	1,040.7	1.90	18.31	46.5

Site Samping Event: BAL- 24Q3
LIMS Workorder: 24061962
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groudnwater Quality Parameters
Baldwin- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-358	7/18/2024	10:16	2.16	18.8	65.8	8.31	4,014.1	0.09	216.76	-128.4
MW-358	7/18/2024	10:19	2.16	18.7	65.7	8.34	3,665.8	0.06	366.04	-142.8
MW-358	7/18/2024	10:22	2.16	18.6	65.4	8.37	3,356.6	0.04	680.22	-151.1
MW-358	7/18/2024	10:25	2.16	18.6	65.5	8.40	3,066.2	0.04	751.17	-157.7
MW-358	7/18/2024	10:28	2.16	18.4	65.1	8.41	2,759.1	0.02	935.50	-162.7
MW-358	7/18/2024	10:31	2.16	18.5	65.2	8.39	2,495.3	0.01	790.55	-167.9
MW-358	7/18/2024	10:34	2.16	18.3	65.0	8.21	2,114.6	0.01	1265.73	-170.6
MW-358	7/18/2024	10:37	2.16	18.2	64.7	7.94	1,701.3	0.00	1457.08	-177.5
MW-358	7/18/2024	10:40	2.16	18.2	64.7	7.79	1,429.0	0.01	1534.46	-189.1
MW-358	7/18/2024	10:43	2.16	*Tubing disconnected from flow cell (attempt to clear sediment)*						
MW-358	7/18/2024	10:46	2.16	18.3	64.9	7.65	1,238.6	0.71	18.00	-163.8
MW-358	7/18/2024	10:49	2.16	18.0	64.5	7.63	1,212.4	0.12	54.87	-185.1
MW-358	7/18/2024	10:52	2.16	18.0	64.4	7.63	1,189.8	0.05	129.42	-195.9
MW-358	7/18/2024	10:55	2.16	18.0	64.3	7.62	1,179.6	0.03	246.17	-203.1
MW-358	7/18/2024	10:58	2.16	17.9	64.1	7.62	1,158.1	0.02	378.73	-208.5
MW-358	7/18/2024	11:01	2.16	17.9	64.3	7.62	1,155.4	0.01	500.58	-213.5
MW-358	7/18/2024	11:04	2.16	17.9	64.2	7.61	1,149.2	0.01	638.25	-216.8
MW-358	7/18/2024	11:07	2.16	17.8	64.0	7.61	1,131.3	0.00	727.38	-220.8
MW-358	7/18/2024	11:10	2.16	17.8	64.0	7.60	1,118.0	0.00	787.38	-223.9

Site Samping Event: BAL- 24Q3
LIMS Workorder: 24061962
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groudnwater Quality Parameters
Baldwin- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-366	7/18/2024	11:57	13.52	17.9	64.1	6.91	1,962.3	0.89	8.16	-26.8
MW-366	7/18/2024	12:00	13.52	17.7	63.9	6.92	1,967.6	0.39	8.34	-25.3
MW-366	7/18/2024	12:03	13.52	17.7	63.9	6.90	1,965.3	0.23	10.72	-24.5
MW-366	7/18/2024	12:06	13.52	17.6	63.6	6.90	1,967.3	0.17	11.66	-23.7

Site Samping Event: BAL- 24Q3
LIMS Workorder: 24061962
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groudnwater Quality Parameters
Baldwin- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-369	7/18/2024	9:38	11.27	16.9	62.5	7.70	2,704.5	0.35	33.82	-239.8
MW-369	7/18/2024	9:41	11.27	16.9	62.4	7.93	2,470.8	0.26	41.23	-261.9
MW-369	7/18/2024	9:44	11.27	16.9	62.4	8.15	2,238.5	0.22	46.80	-271.3
MW-369	7/18/2024	9:47	11.27	16.9	62.4	8.29	2,077.7	0.19	43.25	-270.3
MW-369	7/18/2024	9:50	11.27	16.8	62.3	8.34	1,943.0	0.18	45.81	-265.6
MW-369	7/18/2024	9:53	11.27	16.8	62.2	8.19	1,816.1	0.17	46.27	-257.2
MW-369	7/18/2024	9:56	11.27	16.8	62.2	7.61	1,587.4	0.16	48.67	-238.7

Site Samping Event: BAL- 24Q3
LIMS Workorder: 24061962
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groudnwater Quality Parameters
Baldwin- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-370	7/18/2024	10:42	18.32	17.0	62.6	7.54	5,528.0	0.49	2.68	-44.6
MW-370	7/18/2024	10:45	18.32	16.9	62.5	7.53	5,520.1	0.35	4.10	-47.1
MW-370	7/18/2024	10:48	18.32	16.9	62.4	7.53	5,509.8	0.30	5.78	-48.4
MW-370	7/18/2024	10:51	18.32	16.9	62.4	7.51	5,438.6	0.27	6.81	-48.7

Site Samping Event: BAL- 24Q3
LIMS Workorder: 24061962
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groudnwater Quality Parameters
Baldwin- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-375	7/18/2024	13:08	33.37	16.1	61.0	7.58	1,638.8	0.71	4.63	-214.3
MW-375	7/18/2024	13:11	33.37	15.9	60.6	7.61	1,594.5	0.55	6.59	-234.9
MW-375	7/18/2024	13:14	33.37	15.8	60.4	7.64	1,558.8	0.33	12.92	-237.5
MW-375	7/18/2024	13:17	33.37	15.8	60.4	7.67	1,527.0	0.27	14.69	-232.3
MW-375	7/18/2024	13:20	33.37	15.8	60.4	7.68	1,502.3	0.24	21.19	-221.3
MW-375	7/18/2024	13:23	33.37	15.7	60.3	7.69	1,483.5	0.22	22.63	-209.4

Site Samping Event: BAL- 24Q3
LIMS Workorder: 24061962
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groudnwater Quality Parameters
Baldwin- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-377	7/18/2024	14:29	6.54	17.2	62.9	7.05	1,059.1	0.29	6.07	-38.0
MW-377	7/18/2024	14:32	6.54	17.2	62.9	7.05	1,056.9	0.25	7.84	-34.7
MW-377	7/18/2024	14:35	6.54	17.0	62.7	7.05	1,054.7	0.24	14.60	-30.8
MW-377	7/18/2024	14:38	6.54	17.1	62.8	7.05	1,051.1	0.29	27.92	-26.9
MW-377	7/18/2024	14:41	6.54	17.0	62.6	7.04	1,049.1	0.40	26.28	-22.8

Site Samping Event: BAL- 24Q3
LIMS Workorder: 24061962
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groudnwater Quality Parameters
Baldwin- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-382	7/18/2024	11:49	16.13	17.0	62.6	7.71	1,728.3	0.33	56.59	-72.8
MW-382	7/18/2024	11:52	16.13	17.0	62.7	7.67	1,704.6	0.28	83.49	-63.4
MW-382	7/18/2024	11:55	16.13	17.1	62.8	7.65	1,681.5	0.25	114.17	-56.4
MW-382	7/18/2024	11:58	16.13	17.0	62.6	7.63	1,675.5	0.23	121.50	-51.3
MW-382	7/18/2024	12:01	16.13	17.0	62.6	7.62	1,667.7	0.23	131.31	-47.7
MW-382	7/18/2024	12:04	16.13	17.0	62.6	7.62	1,665.4	0.22	123.36	-45.1

Site Samping Event: BAL- 24Q3
LIMS Workorder: 24061962
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groudnwater Quality Parameters
Baldwin- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-383	7/17/2024	10:30	36.09	19.8	67.7	7.93	1,504.5	1.29	2.72	-84.6
MW-383	7/17/2024	10:33	36.09	19.7	67.4	7.88	1,521.5	0.46	4.81	-82.5
MW-383	7/17/2024	10:36	36.09	19.6	67.3	7.85	1,519.9	0.24	6.27	-81.6
MW-383	7/17/2024	10:39	36.09	19.6	67.3	7.84	1,517.0	0.18	20.43	-81.4
MW-383	7/17/2024	10:42	36.09	19.6	67.2	7.83	1,514.3	0.15	58.52	-81.4
MW-383	7/17/2024	10:45	36.09	19.5	67.1	7.81	1,510.1	0.13	89.67	-81.3
MW-383	7/17/2024	10:48	36.09	19.5	67.2	7.79	1,504.3	0.12	120.91	-81.0
MW-383	7/17/2024	10:51	36.09	19.6	67.2	7.78	1,498.6	0.11	185.27	-80.5
MW-383	7/17/2024	10:54	36.09	19.6	67.2	7.75	1,498.6	0.18	62.34	-79.5
MW-383	7/17/2024	10:57	36.09	19.6	67.3	7.75	1,496.7	0.11	73.29	-79.1
MW-383	7/17/2024	11:00	36.09	19.7	67.5	7.74	1,495.1	0.10	53.73	-78.8
MW-383	7/17/2024	11:03	36.09	19.8	67.6	7.74	1,492.6	0.09	55.29	-78.4
MW-383	7/17/2024	11:06	36.09	19.7	67.5	7.73	1,490.3	0.09	72.56	-77.9
MW-383	7/17/2024	11:09	36.09	19.8	67.6	7.72	1,486.7	0.08	63.67	-77.4
MW-383	7/17/2024	11:12	36.09	19.8	67.6	7.72	1,481.8	0.08	48.17	-77.9
MW-383	7/17/2024	11:15	36.09	19.7	67.5	7.71	1,482.7	0.08	48.61	-80.9

Site Samping Event: BAL- 24Q3
LIMS Workorder: 24061962
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groudnwater Quality Parameters
Baldwin- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-384	7/17/2024	11:59	23.40	20.3	68.6	8.24	2,846.7	0.95	8.73	0.0
MW-384	7/17/2024	12:02	23.40	20.2	68.3	8.30	2,859.3	0.40	8.25	-1.2
MW-384	7/17/2024	12:05	23.40	20.1	68.1	8.31	2,856.0	0.28	7.37	-2.3
MW-384	7/17/2024	12:08	23.40	20.0	67.9	8.31	2,860.8	0.22	7.37	-3.5
MW-384	7/17/2024	12:11	23.40	19.8	67.6	8.31	2,857.4	0.18	9.63	-4.5

Site Samping Event: BAL- 24Q3
LIMS Workorder: 24061962
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groudnwater Quality Parameters
Baldwin- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-390	7/17/2024	13:11	12.53	18.8	65.8	7.44	2,884.5	0.47	10.23	-74.8
MW-390	7/17/2024	13:14	12.53	18.4	65.2	7.61	3,819.7	0.26	25.10	-88.5
MW-390	7/17/2024	13:17	12.53	18.4	65.1	7.63	3,863.9	0.19	21.47	-98.2
MW-390	7/17/2024	13:20	12.53	18.4	65.0	7.60	3,661.0	0.13	11.10	-101.5
MW-390	7/17/2024	13:23	12.53	18.3	64.9	7.56	3,317.1	0.09	19.29	-100.0
MW-390	7/17/2024	13:26	12.53	18.3	65.0	7.51	2,945.6	0.08	11.78	-97.6
MW-390	7/17/2024	13:29	12.53	18.5	65.2	7.48	2,636.8	0.06	16.68	-95.6
MW-390	7/17/2024	13:32	12.53	18.3	64.9	7.47	2,317.5	0.05	15.29	-93.9

Site Samping Event: BAL- 24Q3
LIMS Workorder: 24061962
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groudnwater Quality Parameters
Baldwin- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-391	7/19/2024	10:53	66.31	18.9	66.0	7.89	1,332.0	5.24	64.78	87.6
MW-391	7/19/2024	10:56	66.31	19.0	66.2	7.84	1,276.0	5.34	74.45	89.0
MW-391	7/19/2024	10:59	66.31	19.0	66.2	7.80	1,254.6	5.48	77.74	90.0
MW-391	7/19/2024	11:02	66.31	19.0	66.3	7.78	1,248.7	5.63	83.87	90.7
MW-391	7/19/2024	11:05	66.31	18.8	65.8	7.76	1,246.5	5.67	92.66	91.2

Site Samping Event: BAL- 24Q3
LIMS Workorder: 24061962
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groudnwater Quality Parameters
Baldwin- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-392	7/17/2024	13:11	8.79	20.0	68.0	7.65	3,317.1	0.66	16.48	-161.5
MW-392	7/17/2024	13:14	8.79	19.8	67.7	7.66	3,314.8	0.58	20.93	-156.8
MW-392	7/17/2024	13:17	8.79	19.8	67.6	7.66	3,315.2	0.53	26.83	-153.8
MW-392	7/17/2024	13:20	8.79	19.7	67.5	7.66	3,312.0	0.50	30.29	-151.9
MW-392	7/17/2024	13:23	8.79	19.7	67.4	7.66	3,310.6	0.49	37.72	-150.8

Site Samping Event: BAL- 24Q3
LIMS Workorder: 24061962
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groudnwater Quality Parameters
Baldwin- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-393	7/17/2024	8:59	8.20	19.4	67.0	8.37	4,153.2	0.62	5.97	-108.9
MW-393	7/17/2024	9:02	8.20	19.3	66.8	8.40	4,276.8	0.27	6.80	-123.3
MW-393	7/17/2024	9:05	8.20	19.3	66.8	8.41	4,308.0	0.15	14.81	-133.2
MW-393	7/17/2024	9:08	8.20	19.3	66.7	8.41	4,314.7	0.11	17.40	-141.4

Site Samping Event: BAL- 24Q3
LIMS Workorder: 24061962
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groudnwater Quality Parameters
Baldwin- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-394	7/17/2024	9:45	10.52	19.1	66.4	8.11	4,207.9	0.67	4.76	-125.6
MW-394	7/17/2024	9:48	10.52	19.1	66.5	8.14	4,423.4	0.24	6.00	-173.8
MW-394	7/17/2024	9:51	10.52	19.0	66.3	8.18	4,378.4	0.10	7.58	-231.2
MW-394	7/17/2024	9:54	10.52	18.9	66.0	8.26	4,280.7	0.04	9.94	-279.2

Site Samping Event: BAL- 24Q3
LIMS Workorder: 24061962
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groudnwater Quality Parameters
Baldwin- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
OW-156	7/17/2024	9:28	6.31	21.9	71.5	6.80	785.2	5.59	31.60	129.0
OW-156	7/17/2024	9:31	6.31	22.3	72.1	6.71	788.4	4.94	20.81	134.2

Site Samping Event: BAL- 24Q3
LIMS Workorder: 24061962
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groudnwater Quality Parameters
Baldwin- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
OW-157	7/17/2024	9:52	7.88	20.7	69.2	6.51	3,670.7	2.77	3.53	82.1
OW-157	7/17/2024	9:55	7.88	21.2	70.2	6.43	3,699.5	2.35	2.96	79.9

Site Samping Event: BAL- 24Q3
LIMS Workorder: 24061962
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groudnwater Quality Parameters
Baldwin- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
OW-256	7/17/2024	13:54	7.62	18.9	66.0	7.23	823.3	2.05	5.82	25.3
OW-256	7/17/2024	13:57	7.62	19.0	66.2	7.13	827.6	1.79	4.54	26.7
OW-256	7/17/2024	14:00	7.62	18.7	65.7	7.09	825.7	1.61	2.98	25.9
OW-256	7/17/2024	14:03	7.62	18.7	65.7	7.07	825.1	1.47	2.99	25.1
OW-256	7/17/2024	14:06	7.62	18.6	65.5	7.05	825.0	1.36	2.57	24.3

Site Samping Event: BAL- 24Q3
LIMS Workorder: 24061962
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groudnwater Quality Parameters
Baldwin- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
OW-257	7/17/2024	10:18	6.24	18.8	65.8	6.91	1,105.8	4.31	4.99	111.0
OW-257	7/17/2024	10:21	6.24	18.8	65.8	6.90	1,104.5	4.52	3.95	111.8
OW-257	7/17/2024	10:24	6.24	18.7	65.7	6.89	1,104.3	4.56	3.61	112.4
OW-257	7/17/2024	10:27	6.24	18.6	65.6	6.88	1,104.0	4.32	3.20	112.7
OW-257	7/17/2024	10:30	6.24	18.5	65.4	6.87	1,102.9	4.18	3.19	112.7
OW-257	7/17/2024	10:33	6.24	18.6	65.4	6.87	1,101.5	4.30	2.90	112.8

Site Samping Event: BAL- 24Q3
LIMS Workorder: 24061962
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groudnwater Quality Parameters
Baldwin- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
PZ-170	7/17/2024	12:13	15.18	18.4	65.2	6.88	1,595.0	1.21	2.92	-112.6
PZ-170	7/17/2024	12:16	15.18	19.0	66.2	6.77	1,599.8	1.11	2.02	-120.3
PZ-170	7/17/2024	12:19	15.18	19.0	66.1	6.75	1,597.9	1.04	1.73	-122.0
PZ-170	7/17/2024	12:22	15.18	18.5	65.3	6.75	1,615.1	1.00	1.80	-122.1
PZ-170	7/17/2024	12:25	15.18	18.3	65.0	6.74	1,627.7	0.97	1.70	-121.6

Site Samping Event: BAL- 24Q3
LIMS Workorder: 24061962
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groudnwater Quality Parameters
Baldwin- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
PZ-182	7/17/2024	11:20	16.73	24.7	76.5	6.79	774.4	3.41	13.73	-61.2
PZ-182	7/17/2024	11:23	16.73	25.5	77.8	6.78	774.6	3.36	14.45	-60.6
PZ-182	7/17/2024	11:26	16.73	26.0	78.7	6.78	776.0	3.35	15.83	-59.5
PZ-182	7/17/2024	11:29	16.73	26.6	79.9	6.77	774.4	3.31	15.48	-58.1
PZ-182	7/17/2024	11:32	16.73	27.1	80.8	6.77	778.7	3.30	16.42	-56.5
PZ-182	7/17/2024	11:35	16.73	27.8	82.0	6.77	776.8	3.29	16.55	-54.0
PZ-182	7/17/2024	11:38	16.73	28.2	82.7	6.78	777.0	3.16	16.94	-49.4

Site Samping Event: BAL- 24Q3
LIMS Workorder: 24061962
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groudnwater Quality Parameters
Baldwin- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
TPZ-164	7/22/2024	13:01	4.31	21.4	70.5	7.50	865.9	0.30	72.89	-207.8
TPZ-164	7/22/2024	13:04	4.31	20.5	68.9	7.44	877.4	0.20	33.15	-201.6
TPZ-164	7/22/2024	13:07	4.31	20.4	68.6	7.42	883.6	0.16	17.19	-192.2
TPZ-164	7/22/2024	13:10	4.31	20.3	68.5	7.41	886.9	0.15	9.05	-184.8
TPZ-164	7/22/2024	13:13	4.31	21.0	69.8	7.39	887.9	0.15	6.08	-179.7

Site Samping Event: BAL- 24Q3
LIMS Workorder: 24061962
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groudnwater Quality Parameters
Baldwin- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
XPW01	7/22/2024	11:51	6.57	19.0	66.2	7.24	630.8	0.32	72.17	-60.4
XPW01	7/22/2024	11:54	6.57	18.9	66.1	7.22	633.3	0.24	37.36	-63.4
XPW01	7/22/2024	11:57	6.57	19.0	66.2	7.20	640.4	0.19	17.48	-65.1
XPW01	7/22/2024	12:00	6.57	19.0	66.2	7.18	645.3	0.16	7.89	-66.7
XPW01	7/22/2024	12:03	6.57	19.1	66.3	7.18	646.1	0.13	5.53	-67.8

Site Samping Event: BAL- 24Q3
LIMS Workorder: 24061962
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groudnwater Quality Parameters
Baldwin- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
XPW05	7/22/2024	12:30	5.15	22.4	72.4	7.06	948.4	1.84	14.18	-66.6
XPW05	7/22/2024	12:33	5.15	22.3	72.1	7.12	898.7	1.02	12.72	-79.3
XPW05	7/22/2024	12:36	5.15	22.3	72.2	7.17	869.9	0.78	11.68	-87.0
XPW05	7/22/2024	12:39	5.15	22.5	72.5	7.20	857.8	0.66	10.45	-92.4
XPW05	7/22/2024	12:42	5.15	22.6	72.7	7.21	853.3	0.55	10.92	-97.0

Site Samping Event: BAL- 24Q3
LIMS Workorder: 24061962
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groudnwater Quality Parameters
Baldwin- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
XPW06	7/22/2024	11:18	2.47	20.7	69.2	7.34	836.8	0.26	10.39	-76.2
XPW06	7/22/2024	11:21	2.47	20.9	69.7	7.36	778.4	0.15	6.25	-79.3
XPW06	7/22/2024	11:24	2.47	21.2	70.2	7.35	786.1	0.11	3.71	-75.0
XPW06	7/22/2024	11:27	2.47	21.4	70.6	7.35	814.5	0.09	2.82	-71.4

Site Samping Event: BAL- 24Q3
LIMS Workorder: 24061962
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groudnwater Quality Parameters
Baldwin- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
Field Blank	7/23/2024	12:04	-	QA/QC Sample						

Site Samping Event: BAL- 24Q3
LIMS Workorder: 24061962
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groudnwater Quality Parameters
Baldwin- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-304 Duplicate	7/17/2024	10:08	9.01	18.9	65.9	7.66	2,253.1	0.72	5.00	-87.9
MW-304 Duplicate	7/17/2024	10:11	9.01	18.7	65.7	7.69	2,247.9	0.58	6.97	-63.9
MW-304 Duplicate	7/17/2024	10:14	9.01	18.7	65.7	7.70	2,244.7	0.48	8.29	-45.9
MW-304 Duplicate	7/17/2024	10:17	9.01	18.7	65.7	7.71	2,241.0	0.42	11.08	-32.4
MW-304 Duplicate	7/17/2024	10:20	9.01	18.6	65.5	7.70	2,239.6	0.39	13.57	-22.1

Site Samping Event: BAL- 24Q3
LIMS Workorder: 24061962
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groudnwater Quality Parameters
Baldwin- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
Equipment Blank 1	7/23/2024	12:11	-	QA/QC Sample						

Site Samping Event: BAL- 24Q3
LIMS Workorder: 24061962
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groudnwater Quality Parameters
Baldwin- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
PZ-174	7/18/2024	14:52	7.24	17.9	64.3	7.25	1,473.6	3.93	31.32	76.5
PZ-174	7/18/2024	14:55	7.24	17.7	63.9	7.24	1,472.7	3.87	34.83	77.7
PZ-174	7/18/2024	14:58	7.24	17.7	63.9	7.23	1,471.1	3.77	35.58	78.7
PZ-174	7/18/2024	15:01	7.24	17.7	63.9	7.22	1,473.6	3.74	38.65	79.5

Site Samping Event: BAL- 24Q3
LIMS Workorder: 24061962
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groudnwater Quality Parameters
Baldwin- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
PZ-176	7/22/2024	10:41	11.45	18.0	64.5	7.08	1,143.1	1.09	57.18	59.2
PZ-176	7/22/2024	10:44	11.45	16.6	61.8	7.05	1,139.3	0.76	64.73	58.9
PZ-176	7/22/2024	10:47	11.45	16.8	62.3	7.03	1,138.1	0.58	57.12	58.4
PZ-176	7/22/2024	10:50	11.45	16.7	62.0	7.03	1,139.5	0.50	80.22	57.8
PZ-176	7/22/2024	10:53	11.45	16.9	62.4	7.02	1,139.7	0.45	53.31	57.4
PZ-176	7/22/2024	10:56	11.45	17.4	63.4	7.02	1,133.8	0.42	53.71	56.8

Site Samping Event: BAL- 24Q3
LIMS Workorder: 24061962
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groudnwater Quality Parameters
Baldwin- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
PZ-178	7/22/2024	10:00	6.34	19.0	66.3	7.04	1,256.8	0.67	68.82	11.8
PZ-178	7/22/2024	10:03	6.34	20.5	68.9	7.02	1,261.7	0.55	139.70	6.5
PZ-178	7/22/2024	10:06	6.34	19.9	67.7	7.04	1,267.9	0.55	72.21	6.9
PZ-178	7/22/2024	10:09	6.34	20.2	68.4	7.04	1,268.9	0.55	89.43	9.2
PZ-178	7/22/2024	10:12	6.34	21.0	69.7	7.04	1,272.3	0.53	69.99	11.6

Site Samping Event: BAL- 24Q3
LIMS Workorder: 24061962
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groudnwater Quality Parameters
Baldwin- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
PZ-178 Duplicate	7/22/2024	10:00	6.34	19.0	66.3	7.04	1,256.8	0.67	68.82	11.8
PZ-178 Duplicate	7/22/2024	10:03	6.34	20.5	68.9	7.02	1,261.7	0.55	139.70	6.5
PZ-178 Duplicate	7/22/2024	10:06	6.34	19.9	67.7	7.04	1,267.9	0.55	72.21	6.9
PZ-178 Duplicate	7/22/2024	10:09	6.34	20.2	68.4	7.04	1,268.9	0.55	89.43	9.2
PZ-178 Duplicate	7/22/2024	10:12	6.34	21.0	69.7	7.04	1,272.3	0.53	69.99	11.6

Site Samping Event: BAL- 24Q3
LIMS Workorder: 24061962
Technician(s): DC, JC, TC, BG, PY

Field Calibration Log(s)
Baldwin- 3Q 2024

Field Temp SOP 1156 - SM 2550 B
Field pH SOP 1152 - SW-846 9040B - SM 4500-H B
Field Cond. SOP 1155 - SW-846 9050A - SM 2510 B

Field Meter ID: Pine 218083 Technician(s): Tracy Carroll Date: 7/17/2024

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	WC230830B	4.01	7/17/24 9:42
7.0 Buffer	WC240307F	6.99	7/17/24 9:39
10.0 Buffer	WC230619B	9.99	7/17/24 9:44
LCS/CCV (7.0 Buffer)	WC231207A		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	98627	1412	7/17/24 9:44

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1		
124 NTU	95834		

ORP Standard	LIMS ID/Lot#	Reading	Date/Time

D.O. Saturation	LIMS ID/Lot#	Reading	Date/Time
100%	N/A		

Sample ID	Sample Type	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	ORP mV	D.O. %
LCS-1	LCS	7/17/24 9:45	28.1	7.02	1,408	1.52		
CCV-1	CCV	7/17/24 14:41	25.4	7.02	1,436	1.19		

Comments:

Field Meter ID: Pine 218083 Technician(s): Tracy Carroll Date: 7/18/2024

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	WC230830B	4.00	7/18/24 9:25
7.0 Buffer	WC240307F	7.01	7/18/24 9:24
10.0 Buffer	WC230619B	10.01	7/18/24 9:25
LCS/CCV (7.0 Buffer)	WC231207A		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	98627	1412	7/18/24 9:26

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1		
124 NTU	95834		

ORP Standard	LIMS ID/Lot#	Reading	Date/Time

D.O. Saturation	LIMS ID/Lot#	Reading	Date/Time
100%	N/A		

Sample ID	Sample Type	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	ORP mV	D.O. %
LCS-2	LCS	7/18/24 9:27	22.2	7.01	1,413	1.32		
CCV-M-2	CCV	7/18/24 12:01	23.3	7.04	1,430	1.26		
CCV-2	CCV	7/18/24 14:45	24	7.09	1,440	1.34		

Comments:

Site Samping Event: BAL- 24Q3
LIMS Workorder: 24061962
Technician(s): DC, JC, TC, BG, PY

Field Calibration Log(s)
Baldwin- 3Q 2024

Field Temp SOP 1156 - SM 2550 B
Field pH SOP 1152 - SW-846 9040B - SM 4500-H B
Field Cond. SOP 1155 - SW-846 9050A - SM 2510 B

Field Meter ID: Pine 45720 Technician(s): Brett Gillihan Date: 7/17/2024

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	WC230830B	4.02	7/17/24 9:08
7.0 Buffer	WC24307F	7.02	7/17/24 9:01
10.0 Buffer	WC240521B	10.00	7/17/24 9:12
LCS/CCV (7.0 Buffer)	WC231207A		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	98627	1416	7/17/24 9:14

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	1.6	7/17/24 9:15
124 NTU	95834		

ORP Standard	LIMS ID/Lot#	Reading	Date/Time

D.O. Saturation	LIMS ID/Lot#	Reading	Date/Time
100%	N/A		

Sample ID	Sample Type	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	ORP mV	D.O. %
LCS-2	LCS	7/17/24 9:19	20.7	7.01	1,416	1.6		
CCV-M-2	CCV	7/17/24 12:12	21.6	7.03	1,422	1.4		
CCV-2	CCV	7/17/24 14:46	22.6	7.05	1,423	1.64		

Comments:

Field Meter ID: Pine 45720 Technician(s): Brett Gillihan Date: 7/18/2024

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	WC230830B	4.01	7/18/24 8:54
7.0 Buffer	WC24307F	7.01	7/18/24 8:48
10.0 Buffer	WC240521B	10.00	7/18/24 9:02
LCS/CCV (7.0 Buffer)	WC231207A		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	98627	1414	7/18/24 9:10

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	1.6	7/18/24 9:12
124 NTU	95834		

ORP Standard	LIMS ID/Lot#	Reading	Date/Time

D.O. Saturation	LIMS ID/Lot#	Reading	Date/Time
100%	N/A		

Sample ID	Sample Type	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	ORP mV	D.O. %
LCS-3	LCS	7/18/24 9:17	19.8	7.00	1,414	1.6		
CCV-M-3	CCV	7/18/24 11:46	20.4	7.03	1,417	1.08		
CCV-3	CCV	7/18/24 14:44	21.7	7.06	1,422	1.46		

Comments:

Site Samping Event: BAL- 24Q3
LIMS Workorder: 24061962
Technician(s): DC, JC, TC, BG, PY

Field Calibration Log(s)
Baldwin- 3Q 2024

Field Temp SOP 1156 - SM 2550 B
Field pH SOP 1152 - SW-846 9040B - SM 4500-H B
Field Cond. SOP 1155 - SW-846 9050A - SM 2510 B

Field Meter ID: Pine 45720 Technician(s): Brett Gillihan Date: 7/19/2024

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	WC230830B	3.99	7/19/24 9:29
7.0 Buffer	WC24307F	7.00	7/19/24 9:26
10.0 Buffer	WC240521B	10.02	7/19/24 9:36
LCS/CCV (7.0 Buffer)	WC231207A		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	98627	1417	7/19/24 9:38

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	1.4	7/19/24 9:40
124 NTU	95834		

ORP Standard	LIMS ID/Lot#	Reading	Date/Time

D.O. Saturation	LIMS ID/Lot#	Reading	Date/Time
100%	N/A		

Sample ID	Sample Type	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	ORP mV	D.O. %
LCS-4	LCS	7/19/24 9:41	19.9	7.01	1,417	0.96		
CCV-4	CCV	7/19/24 11:08	20.3	7.02	1,420	1.23		

Comments:

Site Samping Event: BAL- 24Q3
LIMS Workorder: 24061962
Technician(s): DC, JC, TC, BG, PY

Field Calibration Log(s)
Baldwin- 3Q 2024

Field Temp SOP 1156 - SM 2550 B
Field pH SOP 1152 - SW-846 9040B - SM 4500-H B
Field Cond. SOP 1155 - SW-846 9050A - SM 2510 B

Field Meter ID: Pine 51294 Technician(s): justin colp Date: 7/16/2024

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	wc230830b	4.00	7/16/24 6:39
7.0 Buffer	wc240307f	6.99	7/16/24 6:34
10.0 Buffer	wc240521b	10.00	7/16/24 6:44
LCS/CCV (7.0 Buffer)	wc231207a		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	98627	1412	7/16/24 6:48

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	0.91	7/16/24 6:48
124 NTU	95834		

ORP Standard	LIMS ID/Lot#	Reading	Date/Time

D.O. Saturation	LIMS ID/Lot#	Reading	Date/Time
100%	N/A		

Sample ID	Sample Type	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	ORP mV	D.O. %
LCS-1	LCS	7/16/24 6:51	25.1	7.00	1,412	0.91		

Comments: No sampling on 7/16- rain out

Field Meter ID: Pine 51294 Technician(s): justin colp Date: 7/17/2024

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	wc230830b	3.98	7/17/24 6:41
7.0 Buffer	wc240307f	7.00	7/17/24 6:37
10.0 Buffer	wc240521b	10.01	7/17/24 6:46
LCS/CCV (7.0 Buffer)	wc231207a		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	98627	1411	7/17/24 6:52

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	0.93	7/17/24 6:52
124 NTU	95834		

ORP Standard	LIMS ID/Lot#	Reading	Date/Time

D.O. Saturation	LIMS ID/Lot#	Reading	Date/Time
100%	N/A		

Sample ID	Sample Type	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	ORP mV	D.O. %
LCS-2	LCS	7/17/24 6:55	24.7	7.00	1,411	0.93		
CCV-M-2	CCV	7/17/24 11:36	25.4	7.02	1,422	0.99		
CCV-2	CCV	7/17/24 14:44	27.2	7.04	1,427	0.97		

Comments:

Site Samping Event: BAL- 24Q3
LIMS Workorder: 24061962
Technician(s): DC, JC, TC, BG, PY

Field Calibration Log(s)
Baldwin- 3Q 2024

Field Temp SOP 1156 - SM 2550 B
Field pH SOP 1152 - SW-846 9040B - SM 4500-H B
Field Cond. SOP 1155 - SW-846 9050A - SM 2510 B

Field Meter ID: Pine 51294 Technician(s): justin colp Date: 7/18/2024

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	wc230830b	3.99	7/18/24 6:39
7.0 Buffer	wc240307f	7.01	7/18/24 6:35
10.0 Buffer	wc240521b	10.01	7/18/24 6:43
LCS/CCV (7.0 Buffer)	wc231207a		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	98627	1413	7/18/24 6:48

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	0.96	7/18/24 6:49
124 NTU	95834		

ORP Standard	LIMS ID/Lot#	Reading	Date/Time

D.O. Saturation	LIMS ID/Lot#	Reading	Date/Time
100%	N/A		

Sample ID	Sample Type	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	ORP mV	D.O. %
LCS-3	LCS	7/18/24 6:57	21.5	7.01	1,413	0.96		
CCV-M-3	CCV	7/18/24 11:19	22.8	7.01	1,421	0.92		
CCV-3	CCV	7/18/24 14:41	23.9	7.03	1,420	0.93		

Comments:

Field Meter ID: Pine 51294 Technician(s): justin colp Date: 7/19/2024

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	wc230830b	4.02	7/19/24 8:45
7.0 Buffer	wc240307f	6.99	7/19/24 8:39
10.0 Buffer	wc240521b	10.00	7/19/24 8:52
LCS/CCV (7.0 Buffer)	wc231207a		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	98627	1405	7/19/24 8:57

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	0.87	7/19/24 8:58
124 NTU	95834		

ORP Standard	LIMS ID/Lot#	Reading	Date/Time

D.O. Saturation	LIMS ID/Lot#	Reading	Date/Time
100%	N/A		

Sample ID	Sample Type	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	ORP mV	D.O. %
LCS-4	LCS	7/19/24 9:10	20.9	6.99	1,405	0.87		
CCV-4	CCV	7/19/24 11:14	22	7.02	1,401	0.88		

Comments:

Site Samping Event: BAL- 24Q3
LIMS Workorder: 24061962
Technician(s): DC, JC, TC, BG, PY

Field Calibration Log(s)
Baldwin- 3Q 2024

Field Temp SOP 1156 - SM 2550 B
Field pH SOP 1152 - SW-846 9040B - SM 4500-H B
Field Cond. SOP 1155 - SW-846 9050A - SM 2510 B

Field Meter ID: Pine 51294 Technician(s): justin colp Date: 7/22/2024

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	wc230830b	4.01	7/22/24 9:29
7.0 Buffer	wc240307f	6.98	7/22/24 9:25
10.0 Buffer	wc240521b	10.01	7/22/24 9:34
LCS/CCV (7.0 Buffer)	wc231207a		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	98627	1406	7/22/24 9:39

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	0.84	7/22/24 9:40
124 NTU	95834		

ORP Standard	LIMS ID/Lot#	Reading	Date/Time

D.O. Saturation	LIMS ID/Lot#	Reading	Date/Time
100%	N/A		

Sample ID	Sample Type	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	ORP mV	D.O. %
LCS-5	LCS	7/22/24 9:42	21.7	6.98	1,406	0.84		
CCV-5	CCV	7/22/24 13:20	24.5	7.04	1,418	0.87		

Comments:

Field Meter ID: Pine 51294 Technician(s): justin colp Date: 7/23/2024

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	wc230830b	4.00	7/23/24 7:26
7.0 Buffer	wc240307f	7.00	7/23/24 7:21
10.0 Buffer	wc240521b	10.02	7/23/24 7:31
LCS/CCV (7.0 Buffer)	wc231207a		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	98627	1409	7/23/24 7:37

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	0.89	7/23/24 7:37
124 NTU	95834		

ORP Standard	LIMS ID/Lot#	Reading	Date/Time

D.O. Saturation	LIMS ID/Lot#	Reading	Date/Time
100%	N/A		

Sample ID	Sample Type	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	ORP mV	D.O. %
LCS-6	LCS	7/23/24 7:41	21.2	7.00	1,409	0.89		
CCV-6	CCV	7/23/24 12:11	25.4	7.03	1,424	0.93		

Comments:

INSTRUMENT CALIBRATION REPORT

Pine Environmental Services LLC

11669 Lilburn Park Rd.
St. Louis, MO 63146
Office: 314.344.1079

Pine Environmental Services, Inc.

Instrument ID 45720
Description YSI Pro DSS
Calibrated 6/27/2024 10:15:34AM

Manufacturer YSI
Model Number Pro DSS
Serial Number/ Lot Number 19E101794
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	3.89	4.00	0.00%	Pass
10.00 / 10.00	PH	10.00	PH	10.05	10.04	0.40%	Pass

Group # 2
Group Name Turbidity
Stated Accy Pct of Reading
Range Acc % 0.0000
Reading Acc % 3.0000
Plus/Minus 0.00

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	-0.43	0.00	0.00%	Pass
124.00 / 124.00	NTU	124.00	NTU	128.39	124.00	0.00%	Pass

Group # 3
Group Name Conductivity
Stated Accy Pct of Reading
Range Acc % 0.0000
Reading Acc % 3.0000
Plus/Minus 0.000

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	1.378	1.413	0.00%	Pass

Group # 4
Group Name Redox (ORP)
Stated Accy Pct of Reading
Range Acc % 0.0000
Reading Acc % 3.0000
Plus/Minus 0.00

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	244.10	240.00	0.00%	Pass

Group # 5
Group Name Disolved 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 51294
Description YSI Pro DSS Sonde
Calibrated 7/5/2024 11:57:06AM

Manufacturer YSI
Model Number Pro DSS
Serial Number/ Lot Number 21D103486
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	7.23	7.02	0.29%	Pass
4.00 / 4.00	PH	4.00	PH	4.42	4.00	0.00%	Pass
10.00 / 10.00	PH	10.00	PH	9.95	10.05	0.50%	Pass

Group # 2
Group Name Turbidity
Stated Accy Pct of Reading
Range Acc % 0.0000
Reading Acc % 3.0000
Plus/Minus 0.00

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	0.25	0.00	0.00%	Pass
124.00 / 124.00	NTU	124.00	NTU	100.99	124.00	0.00%	Pass

Group # 3
Group Name Conductivity
Stated Accy Pct of Reading
Range Acc % 0.0000
Reading Acc % 3.0000
Plus/Minus 0.000

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	1.491	1.413	0.00%	Pass

Group # 4
Group Name Redox (ORP)
Stated Accy Pct of Reading
Range Acc % 0.0000
Reading Acc % 3.0000
Plus/Minus 0.00

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	229.10	240.00	0.00%	Pass

Group # 5
Group Name Dissolved Oxygen Span
Stated Accy Pct of Reading
Range Acc % 0.0000
Reading Acc % 3.0000
Plus/Minus 0.00

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 218083
Description YSI Pro DSS Sonde
Calibrated 6/27/2024 10:21:25AM

Manufacturer YSI
Model Number Pro DSS
Serial Number/ Lot Number 23F102674
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	7.01	7.02	0.29%	Pass
4.00 / 4.00	PH	4.00	PH	4.07	4.00	0.00%	Pass
10.00 / 10.00	PH	10.00	PH	10.04	10.04	0.40%	Pass

Group # 2
Group Name Turbidity (NTU)
Stated Accy Pct of Reading
Range Acc % 0.0000
Reading Acc % 3.0000
Plus/Minus 0.00

Nom In Val / In Val	In Type	Out Val	Out Type	Fnd As	Lft As	Dev%	Pass/Fail
0.00 / 0.00	FNU	0.00	FNU	0.34	0.00	0.00%	Pass
124.00 / 124.00	FNU	124.00	FNU	126.32	124.00	0.00%	Pass

Group # 3
Group Name Conductivity
Stated Accy Pct of Reading
Range Acc % 0.0000
Reading Acc % 3.0000
Plus/Minus 0.000

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	1.501	1.413	0.00%	Pass

Group # 4
Group Name Redox (ORP)
Stated Accy Pct of Reading
Range Acc % 0.0000
Reading Acc % 3.0000
Plus/Minus 0.00

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	242.90	240.00	0.00%	Pass

Group # 5
Group Name Dissolved Oxygen Span
Stated Accy Pct of Reading
Range Acc % 0.0000
Reading Acc % 3.0000
Plus/Minus 0.00

Nom In Val / In Val	In Type	Out Val	Out Type	Fnd As	Lft As	Dev%	Pass/Fail

Teklab, Inc.
Environmental Laboratory

http://www.teklabinc.com/

December 06, 2024

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

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

RE: BAL-24Q4 **WorkOrder:** 24100001

Dear Eric Bauer:

TEKLAB, INC received 20 samples for BAL_257_605 on 11/1/2024 1:24:00 PM for the analysis presented in the following report.

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

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

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

Sincerely,

Elizabeth A. Hurley

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

Report Contents

Client: Ramboll
Client Project: BAL-24Q4

Work Order: 24100001
Report Date: 06-Dec-24

This reporting package includes the following:

Cover Letter	1
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Definitions	3
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Accreditations	6
Laboratory Results	7
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Quality Control Results	30
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Chain of Custody	Appended

Definitions

Client: Ramboll **Work Order:** 24100001

Client Project: BAL-24Q4 **Report Date:** 06-Dec-24

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

Definitions

Client: Ramboll **Work Order:** 24100001

Client Project: BAL-24Q4 **Report Date:** 06-Dec-24

Qualifiers

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

Case Narrative

Client: Ramboll
Client Project: BAL-24Q4

Work Order: 24100001
Report Date: 06-Dec-24

Cooler Receipt Temp: 12.1 °C

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

MW-391R could not be collected; the wells was dry.

Per Eric Bauer's request, only BAL_257_605 data is included in this report. EAH 12/6/24

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:** 24100001

Client Project: BAL-24Q4 **Report Date:** 06-Dec-24

State	Dept	Cert #	NELAP	Exp Date	Lab
Illinois	IEPA	100226	NELAP	1/31/2025	Collinsville
Illinois	IEPA	1004652024-2	NELAP	4/30/2025	Collinsville
Kansas	KDHE	E-10374	NELAP	4/30/2025	Collinsville
Louisiana	LDEQ	05002	NELAP	6/30/2025	Collinsville
Louisiana	LDEQ	05003	NELAP	6/30/2025	Collinsville
Oklahoma	ODEQ	9978	NELAP	12/31/2024	Collinsville
Arkansas	ADEQ	88-0966		3/14/2025	Collinsville
Illinois	IDPH	17584		5/31/2025	Collinsville
Iowa	IDNR	430		6/1/2026	Collinsville
Kentucky	UST	0073		1/31/2025	Collinsville
Mississippi	MSDH			4/30/2025	Collinsville
Missouri	MDNR	930		1/31/2025	Collinsville
Missouri	MDNR	00930		10/31/2026	Collinsville

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24100001

Client Project: BAL-24Q4 **Report Date:** 06-Dec-24

Lab ID: 24100001-003 **Client Sample ID:** MW-150

Matrix: GROUNDWATER **Collection Date:** 10/15/2024 12:28

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**20.18**	ft	1	10/15/2024 12:28	R354883
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**3.1**	NTU	1	10/15/2024 12:28	R354883
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		**-107**	mV	1	10/15/2024 12:28	R354883
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**2090**	µS/cm	1	10/15/2024 12:28	R354883
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**13.9**	°C	1	10/15/2024 12:28	R354883
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**1.77**	mg/L	1	10/15/2024 12:28	R354883
SW-846 9040B FIELD									
pH	*	0	1.00		**6.88**		1	10/15/2024 12:28	R354883
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**312**	mg/L	1	10/18/2024 12:16	R354869
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	10/18/2024 12:16	R354869
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		**1640**	mg/L	1	10/18/2024 13:27	R354960
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.20	0.50		**0.72**	mg/L	10	10/16/2024 13:31	R354678
Chloride	NELAP	1.00	5.00		**50.1**	mg/L	10	10/16/2024 13:31	R354678
Sulfate	NELAP	3.00	10.0		**883**	mg/L	10	10/16/2024 13:31	R354678
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		**189**	mg/L	1	10/18/2024 13:44	229828
Magnesium	NELAP	0.0055	0.0500		**138**	mg/L	1	10/18/2024 13:44	229828
Potassium	NELAP	0.0400	0.100		**0.874**	mg/L	1	10/18/2024 13:44	229828
Sodium	NELAP	0.0180	0.0500		**93.8**	mg/L	1	10/21/2024 16:30	229828
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010	J	**0.0009**	mg/L	5	10/29/2024 13:46	230069
Arsenic	NELAP	0.0004	0.0010	J	**0.0004**	mg/L	5	10/18/2024 22:38	229828
Barium	NELAP	0.0007	0.0010		**0.0163**	mg/L	5	10/25/2024 0:15	230069
Beryllium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	10/18/2024 22:38	229828
Boron	NELAP	0.0092	0.0250		**4.47**	mg/L	5	10/23/2024 19:36	230069
Cadmium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	10/21/2024 17:23	229828
Chromium	NELAP	0.0007	0.0015	J	**0.0009**	mg/L	5	10/18/2024 22:38	229828
Cobalt	NELAP	0.0001	0.0010		**< 0.0010**	mg/L	5	10/18/2024 22:38	229828
Lead	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	10/18/2024 22:38	229828
Lithium	*	0.0015	0.0030		**0.0538**	mg/L	5	10/22/2024 10:09	229828
Molybdenum	NELAP	0.0006	0.0015		**0.0019**	mg/L	5	10/18/2024 22:38	229828
Selenium	NELAP	0.0006	0.0010	J	**0.0009**	mg/L	5	10/23/2024 19:36	230069
Thallium	NELAP	0.0010	0.0020		**< 0.0020**	mg/L	5	10/18/2024 22:38	229828

CCV recovered outside the upper control limits Sb. Sample results are below the reporting limit. Data is reportable per the TNI standard.

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	10/18/2024 12:55	229867

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24100001

Client Project: BAL-24Q4 **Report Date:** 06-Dec-24

Lab ID: 24100001-004 **Client Sample ID:** MW-151

Matrix: GROUNDWATER **Collection Date:** 10/16/2024 10:20

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**7.17**	ft	1	10/16/2024 10:20	R354883
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**27**	NTU	1	10/16/2024 10:20	R354883
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		**-154**	mV	1	10/16/2024 10:20	R354883
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**1670**	µS/cm	1	10/16/2024 10:20	R354883
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**17.1**	°C	1	10/16/2024 10:20	R354883
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**0.50**	mg/L	1	10/16/2024 10:20	R354883
SW-846 9040B FIELD									
pH	*	0	1.00		**6.80**		1	10/16/2024 10:20	R354883
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**453**	mg/L	1	10/18/2024 13:14	R354869
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	10/18/2024 13:14	R354869
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		**790**	mg/L	1	10/18/2024 13:27	R354960
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.20	0.50		**0.58**	mg/L	10	10/17/2024 9:51	R354743
Chloride	NELAP	1.00	5.00		**59.6**	mg/L	10	10/17/2024 9:51	R354743
Sulfate	NELAP	3.00	10.0		**141**	mg/L	10	10/17/2024 9:51	R354743
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		**129**	mg/L	1	10/18/2024 10:55	229864
Magnesium	NELAP	0.0055	0.0500		**49.4**	mg/L	1	10/18/2024 10:55	229864
Potassium	NELAP	0.0400	0.100		**1.90**	mg/L	1	10/18/2024 10:55	229864
Sodium	NELAP	0.0180	0.0500		**80.4**	mg/L	1	10/18/2024 10:55	229864
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010	J	**0.0005**	mg/L	5	10/22/2024 10:21	229864
Arsenic	NELAP	0.0004	0.0010	J	**0.0005**	mg/L	5	10/19/2024 3:22	229864
Barium	NELAP	0.0007	0.0010		**0.0614**	mg/L	5	10/19/2024 3:22	229864
Beryllium	NELAP	0.0002	0.0010	J	**0.0003**	mg/L	5	10/19/2024 3:22	229864
Boron	NELAP	0.0092	0.0250		**1.64**	mg/L	5	10/21/2024 23:08	229864
Cadmium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	10/19/2024 3:22	229864
Chromium	NELAP	0.0007	0.0015		**0.0187**	mg/L	5	10/19/2024 3:22	229864
Cobalt	NELAP	0.0001	0.0010		**0.0013**	mg/L	5	10/19/2024 3:22	229864
Lead	NELAP	0.0006	0.0010	J	**0.0009**	mg/L	5	10/19/2024 3:22	229864
Lithium	*	0.0015	0.0030		**0.0297**	mg/L	5	10/22/2024 10:21	229864
Molybdenum	NELAP	0.0006	0.0015	J	**0.0006**	mg/L	5	10/19/2024 3:22	229864
Selenium	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	10/19/2024 3:22	229864
Thallium	NELAP	0.0010	0.0020		**< 0.0020**	mg/L	5	10/19/2024 3:22	229864
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	10/18/2024 12:57	229867

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24100001

Client Project: BAL-24Q4 **Report Date:** 06-Dec-24

Lab ID: 24100001-005 **Client Sample ID:** MW-152

Matrix: GROUNDWATER **Collection Date:** 10/16/2024 12:31

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**8.00**	ft	1	10/16/2024 12:31	R354883
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**49**	NTU	1	10/16/2024 12:31	R354883
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		**-37**	mV	1	10/16/2024 12:31	R354883
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**1450**	µS/cm	1	10/16/2024 12:31	R354883
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**16.1**	°C	1	10/16/2024 12:31	R354883
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**0.24**	mg/L	1	10/16/2024 12:31	R354883
SW-846 9040B FIELD									
pH	*	0	1.00		**6.69**		1	10/16/2024 12:31	R354883
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**153**	mg/L	1	10/18/2024 13:22	R354869
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	10/18/2024 13:22	R354869
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		**2000**	mg/L	1	10/18/2024 13:34	R354960
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.20	0.50	J	**0.20**	mg/L	10	10/17/2024 10:03	R354743
Chloride	NELAP	1.00	5.00		**55.5**	mg/L	10	10/17/2024 10:03	R354743
Sulfate	NELAP	3.00	10.0		**988**	mg/L	10	10/17/2024 10:03	R354743
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		**275**	mg/L	1	10/18/2024 10:57	229864
Magnesium	NELAP	0.0055	0.0500		**122**	mg/L	1	10/18/2024 10:57	229864
Potassium	NELAP	0.0400	0.100		**1.11**	mg/L	1	10/18/2024 10:57	229864
Sodium	NELAP	0.0180	0.0500		**140**	mg/L	1	10/18/2024 10:57	229864
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		**< 0.0010**	mg/L	5	10/22/2024 10:27	229864
Arsenic	NELAP	0.0004	0.0010		**< 0.0010**	mg/L	5	10/19/2024 4:11	229864
Barium	NELAP	0.0007	0.0010		**0.0232**	mg/L	5	10/19/2024 4:11	229864
Beryllium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	10/19/2024 4:11	229864
Boron	NELAP	0.0092	0.0250		**23.0**	mg/L	5	10/21/2024 23:14	229864
Cadmium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	10/19/2024 4:11	229864
Chromium	NELAP	0.0007	0.0015	J	**0.0011**	mg/L	5	10/19/2024 4:11	229864
Cobalt	NELAP	0.0001	0.0010	J	**0.0003**	mg/L	5	10/19/2024 4:11	229864
Lead	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	10/19/2024 4:11	229864
Lithium	*	0.0015	0.0030		**0.0153**	mg/L	5	10/22/2024 10:27	229864
Molybdenum	NELAP	0.0006	0.0015	J	**0.0007**	mg/L	5	10/19/2024 4:11	229864
Selenium	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	10/19/2024 4:11	229864
Thallium	NELAP	0.0010	0.0020		**< 0.0020**	mg/L	5	10/19/2024 4:11	229864
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	10/18/2024 12:59	229867

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24100001

Client Project: BAL-24Q4 **Report Date:** 06-Dec-24

Lab ID: 24100001-006 **Client Sample ID:** MW-153

Matrix: GROUNDWATER **Collection Date:** 10/16/2024 11:47

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**17.16**	ft	1	10/16/2024 11:47	R354883
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**43**	NTU	1	10/16/2024 11:47	R354883
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		**28**	mV	1	10/16/2024 11:47	R354883
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**729**	µS/cm	1	10/16/2024 11:47	R354883
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**16.9**	°C	1	10/16/2024 11:47	R354883
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**2.68**	mg/L	1	10/16/2024 11:47	R354883
SW-846 9040B FIELD									
pH	*	0	1.00		**6.62**		1	10/16/2024 11:47	R354883
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**198**	mg/L	1	10/18/2024 13:00	R354869
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	10/18/2024 13:00	R354869
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	40	50		**425**	mg/L	2.5	10/18/2024 13:34	R354960
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.20	0.50	J	**0.43**	mg/L	10	10/17/2024 10:15	R354743
Chloride	NELAP	1.00	5.00		**18.3**	mg/L	10	10/17/2024 10:15	R354743
Sulfate	NELAP	3.00	10.0		**68.4**	mg/L	10	10/17/2024 10:15	R354743
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		**55.3**	mg/L	1	10/18/2024 10:59	229864
Magnesium	NELAP	0.0055	0.0500		**22.5**	mg/L	1	10/18/2024 10:59	229864
Potassium	NELAP	0.0400	0.100		**0.560**	mg/L	1	10/18/2024 10:59	229864
Sodium	NELAP	0.0180	0.0500		**53.8**	mg/L	1	10/18/2024 10:59	229864
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		**< 0.0010**	mg/L	5	10/22/2024 10:33	229864
Arsenic	NELAP	0.0004	0.0010	J	**0.0007**	mg/L	5	10/19/2024 6:18	229864
Barium	NELAP	0.0007	0.0010		**0.0504**	mg/L	5	10/19/2024 6:18	229864
Beryllium	NELAP	0.0002	0.0010	J	**0.0003**	mg/L	5	10/19/2024 6:18	229864
Boron	NELAP	0.0092	0.0250		**0.256**	mg/L	5	10/23/2024 16:39	229864
Cadmium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	10/19/2024 6:18	229864
Chromium	NELAP	0.0007	0.0015		**0.0032**	mg/L	5	10/19/2024 6:18	229864
Cobalt	NELAP	0.0001	0.0010	J	**0.0005**	mg/L	5	10/19/2024 6:18	229864
Lead	NELAP	0.0006	0.0010		**0.0017**	mg/L	5	10/23/2024 16:39	229864
Lithium	*	0.0015	0.0030		**0.0057**	mg/L	5	10/22/2024 10:33	229864
Molybdenum	NELAP	0.0006	0.0015	J	**0.0007**	mg/L	5	10/19/2024 6:18	229864
Selenium	NELAP	0.0006	0.0010		**0.0023**	mg/L	5	10/21/2024 23:20	229864
Thallium	NELAP	0.0010	0.0020		**< 0.0020**	mg/L	5	10/19/2024 6:18	229864
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	10/18/2024 13:02	229867

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24100001

Client Project: BAL-24Q4 **Report Date:** 06-Dec-24

Lab ID: 24100001-015 **Client Sample ID:** MW-252

Matrix: GROUNDWATER **Collection Date:** 10/16/2024 11:51

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**3.84**	ft	1	10/16/2024 11:51	R354883
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**86**	NTU	1	10/16/2024 11:51	R354883
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		**-177**	mV	1	10/16/2024 11:51	R354883
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**1270**	µS/cm	1	10/16/2024 11:51	R354883
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**14.9**	°C	1	10/16/2024 11:51	R354883
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**1.23**	mg/L	1	10/16/2024 11:51	R354883
SW-846 9040B FIELD									
pH	*	0	1.00		**6.71**		1	10/16/2024 11:51	R354883
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**481**	mg/L	1	10/18/2024 12:42	R354869
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	10/18/2024 12:42	R354869
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		**1280**	mg/L	1	10/18/2024 13:34	R354960
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.20	0.50		**ND**	mg/L	10	10/17/2024 10:26	R354743
Chloride	NELAP	1.00	5.00		**36.7**	mg/L	10	10/17/2024 10:26	R354743
Sulfate	NELAP	3.00	10.0		**480**	mg/L	10	10/17/2024 10:26	R354743
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100	S	**212**	mg/L	1	10/18/2024 11:00	229864
Magnesium	NELAP	0.0055	0.0500	S	**82.0**	mg/L	1	10/18/2024 11:00	229864
Potassium	NELAP	0.0400	0.100		**1.70**	mg/L	1	10/18/2024 11:00	229864
Sodium	NELAP	0.0180	0.0500	S	**91.0**	mg/L	1	10/18/2024 11:00	229864
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	10/22/2024 11:51	229864
Arsenic	NELAP	0.0004	0.0010	J	**0.0005**	mg/L	5	10/19/2024 6:24	229864
Barium	NELAP	0.0007	0.0010		**0.0237**	mg/L	5	10/19/2024 6:24	229864
Beryllium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	10/19/2024 6:24	229864
Boron	NELAP	0.0092	0.0250		**0.186**	mg/L	5	10/21/2024 23:44	229864
Cadmium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	10/19/2024 6:24	229864
Chromium	NELAP	0.0007	0.0015		**< 0.0015**	mg/L	5	10/19/2024 6:24	229864
Cobalt	NELAP	0.0001	0.0010		**0.0024**	mg/L	5	10/19/2024 6:24	229864
Lead	NELAP	0.0006	0.0010	J	**0.0008**	mg/L	5	10/19/2024 6:24	229864
Lithium	*	0.0015	0.0030		**0.0157**	mg/L	5	10/22/2024 11:51	229864
Molybdenum	NELAP	0.0006	0.0015		**< 0.0015**	mg/L	5	10/19/2024 6:24	229864
Selenium	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	10/19/2024 6:24	229864
Thallium	NELAP	0.0010	0.0020		**< 0.0020**	mg/L	5	10/19/2024 6:24	229864

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

CCV recovered outside the upper control limits for Be, Se and Pb. Sample results are below the reporting limit. Data is reportable per the TNI standard.

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24100001

Client Project: BAL-24Q4 **Report Date:** 06-Dec-24

Lab ID: 24100001-015 **Client Sample ID:** MW-252

Matrix: GROUNDWATER **Collection Date:** 10/16/2024 11:51

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		**< 0.00020**	mg/L	1	10/18/2024 13:17	229867

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24100001

Client Project: BAL-24Q4 **Report Date:** 06-Dec-24

Lab ID: 24100001-016 **Client Sample ID:** MW-253R

Matrix: GROUNDWATER **Collection Date:** 10/16/2024 12:15

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**21.12**	ft	1	10/16/2024 12:15	R354883
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**22**	NTU	1	10/16/2024 12:15	R354883
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		**-111**	mV	1	10/16/2024 12:15	R354883
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**1770**	µS/cm	1	10/16/2024 12:15	R354883
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**15.7**	°C	1	10/16/2024 12:15	R354883
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**1.55**	mg/L	1	10/16/2024 12:15	R354883
SW-846 9040B FIELD									
pH	*	0	1.00		**6.54**		1	10/16/2024 12:15	R354883
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**449**	mg/L	1	10/18/2024 13:06	R354869
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	10/18/2024 13:06	R354869
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		**1270**	mg/L	1	10/18/2024 13:34	R354960
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.20	0.50		**ND**	mg/L	10	10/17/2024 10:38	R354743
Chloride	NELAP	1.00	5.00		**22.0**	mg/L	10	10/17/2024 10:38	R354743
Sulfate	NELAP	3.00	10.0		**500**	mg/L	10	10/17/2024 10:38	R354743
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		**204**	mg/L	1	10/18/2024 11:05	229864
Magnesium	NELAP	0.0055	0.0500		**79.9**	mg/L	1	10/18/2024 11:05	229864
Potassium	NELAP	0.0400	0.100		**4.07**	mg/L	1	10/18/2024 11:05	229864
Sodium	NELAP	0.0180	0.0500		**93.4**	mg/L	1	10/18/2024 11:05	229864
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		**< 0.0010**	mg/L	5	10/22/2024 10:39	229864
Arsenic	NELAP	0.0004	0.0010		**0.0023**	mg/L	5	10/19/2024 4:23	229864
Barium	NELAP	0.0007	0.0010		**0.0614**	mg/L	5	10/19/2024 4:23	229864
Beryllium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	10/19/2024 4:23	229864
Boron	NELAP	0.0092	0.0250		**0.254**	mg/L	5	10/21/2024 23:26	229864
Cadmium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	10/19/2024 4:23	229864
Chromium	NELAP	0.0007	0.0015		**< 0.0015**	mg/L	5	10/19/2024 4:23	229864
Cobalt	NELAP	0.0001	0.0010	J	**0.0005**	mg/L	5	10/19/2024 4:23	229864
Lead	NELAP	0.0006	0.0010		**0.0031**	mg/L	5	11/01/2024 6:25	229864
Lithium	*	0.0015	0.0030		**0.0193**	mg/L	5	10/22/2024 10:39	229864
Molybdenum	NELAP	0.0006	0.0015		**0.0053**	mg/L	5	10/19/2024 4:23	229864
Selenium	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	10/21/2024 23:26	229864
Thallium	NELAP	0.0010	0.0020	J	**0.0015**	mg/L	5	10/19/2024 4:23	229864
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	10/18/2024 13:20	229867

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24100001

Client Project: BAL-24Q4 **Report Date:** 06-Dec-24

Lab ID: 24100001-017 **Client Sample ID:** MW-304

Matrix: GROUNDWATER **Collection Date:** 10/16/2024 9:33

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**9.54**	ft	1	10/16/2024 9:33	R354883
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**6.3**	NTU	1	10/16/2024 9:33	R354883
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		**-32**	mV	1	10/16/2024 9:33	R354883
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**2540**	µS/cm	1	10/16/2024 9:33	R354883
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**15.3**	°C	1	10/16/2024 9:33	R354883
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**1.24**	mg/L	1	10/16/2024 9:33	R354883
SW-846 9040B FIELD									
pH	*	0	1.00		**7.54**		1	10/16/2024 9:33	R354883
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**801**	mg/L	1	10/18/2024 12:32	R354869
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	10/18/2024 12:32	R354869
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		**1500**	mg/L	1	10/18/2024 13:34	R354960
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.20	0.50		**1.82**	mg/L	10	10/17/2024 10:50	R354743
Chloride	NELAP	1.00	5.00		**169**	mg/L	10	10/17/2024 10:50	R354743
Sulfate	NELAP	3.00	10.0		**190**	mg/L	10	10/17/2024 10:50	R354743
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		**11.0**	mg/L	1	10/18/2024 13:25	229864
Magnesium	NELAP	0.0055	0.0500		**4.53**	mg/L	1	10/18/2024 13:25	229864
Potassium	NELAP	0.0400	0.100		**2.52**	mg/L	1	10/18/2024 13:25	229864
Sodium	NELAP	0.0180	0.0500		**582**	mg/L	1	10/18/2024 13:25	229864
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010	J	**0.0008**	mg/L	5	10/22/2024 11:09	229864
Arsenic	NELAP	0.0004	0.0010		**0.0028**	mg/L	5	10/19/2024 4:29	229864
Barium	NELAP	0.0007	0.0010		**0.0192**	mg/L	5	10/19/2024 4:29	229864
Beryllium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	10/19/2024 4:29	229864
Boron	NELAP	0.0092	0.0250		**1.90**	mg/L	5	10/21/2024 23:32	229864
Cadmium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	10/19/2024 4:29	229864
Chromium	NELAP	0.0007	0.0015		**< 0.0015**	mg/L	5	10/19/2024 4:29	229864
Cobalt	NELAP	0.0001	0.0010		**< 0.0010**	mg/L	5	10/19/2024 4:29	229864
Lead	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	10/19/2024 4:29	229864
Lithium	*	0.0015	0.0030		**0.0833**	mg/L	5	10/22/2024 11:09	229864
Molybdenum	NELAP	0.0006	0.0015		**0.0017**	mg/L	5	10/19/2024 4:29	229864
Selenium	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	10/19/2024 4:29	229864
Thallium	NELAP	0.0010	0.0020		**< 0.0020**	mg/L	5	10/19/2024 4:29	229864

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

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	10/18/2024 13:22	229867

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24100001

Client Project: BAL-24Q4 **Report Date:** 06-Dec-24

Lab ID: 24100001-018 **Client Sample ID:** MW-350R

Matrix: GROUNDWATER **Collection Date:** 10/15/2024 12:52

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**24.83**	ft	1	10/15/2024 12:52	R354883
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**9.2**	NTU	1	10/15/2024 12:52	R354883
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		**-169**	mV	1	10/15/2024 12:52	R354883
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**856**	µS/cm	1	10/15/2024 12:52	R354883
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**13.7**	°C	1	10/15/2024 12:52	R354883
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**0.39**	mg/L	1	10/15/2024 12:52	R354883
SW-846 9040B FIELD									
pH	*	0	1.00		**7.31**		1	10/15/2024 12:52	R354883
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**380**	mg/L	1	10/18/2024 12:24	R354869
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	10/18/2024 12:24	R354869
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	40	50		**485**	mg/L	2.5	10/18/2024 13:35	R354960
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.20	0.50		**0.94**	mg/L	10	10/16/2024 13:43	R354678
Chloride	NELAP	1.00	5.00		**17.8**	mg/L	10	10/16/2024 13:43	R354678
Sulfate	NELAP	3.00	10.0		**17.5**	mg/L	10	10/16/2024 13:43	R354678
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		**45.9**	mg/L	1	10/18/2024 13:50	229828
Magnesium	NELAP	0.0055	0.0500		**19.1**	mg/L	1	10/18/2024 13:50	229828
Potassium	NELAP	0.0400	0.100		**4.99**	mg/L	1	10/18/2024 13:50	229828
Sodium	NELAP	0.0180	0.0500		**108**	mg/L	1	10/21/2024 16:32	229828
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010	J	**0.0008**	mg/L	5	10/22/2024 10:15	229828
Arsenic	NELAP	0.0004	0.0010		**0.0017**	mg/L	5	10/18/2024 23:38	229828
Barium	NELAP	0.0007	0.0010		**0.126**	mg/L	5	10/25/2024 0:32	230069
Beryllium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	10/18/2024 23:38	229828
Boron	NELAP	0.0092	0.0250		**1.29**	mg/L	5	10/23/2024 21:02	230069
Cadmium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	10/21/2024 18:23	229828
Chromium	NELAP	0.0007	0.0015		**0.0016**	mg/L	5	10/18/2024 23:38	229828
Cobalt	NELAP	0.0001	0.0010	J	**0.0003**	mg/L	5	10/18/2024 23:38	229828
Lead	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	10/18/2024 23:38	229828
Lithium	*	0.0015	0.0030		**0.0698**	mg/L	5	10/22/2024 10:15	229828
Molybdenum	NELAP	0.0006	0.0015		**0.0060**	mg/L	5	10/18/2024 23:38	229828
Selenium	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	10/23/2024 21:02	230069
Thallium	NELAP	0.0010	0.0020		**< 0.0020**	mg/L	5	10/18/2024 23:38	229828

CCV recovered outside the upper control limits Sb. Sample results are below the reporting limit. Data is reportable per the TNI standard.

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	10/18/2024 13:24	229867

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24100001

Client Project: BAL-24Q4 **Report Date:** 06-Dec-24

Lab ID: 24100001-019 **Client Sample ID:** MW-352

Matrix: GROUNDWATER **Collection Date:** 10/16/2024 11:18

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**4.21**	ft	1	10/16/2024 11:18	R354883
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**25**	NTU	1	10/16/2024 11:18	R354883
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		**-229**	mV	1	10/16/2024 11:18	R354883
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**2620**	µS/cm	1	10/16/2024 11:18	R354883
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**14.9**	°C	1	10/16/2024 11:18	R354883
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**0.26**	mg/L	1	10/16/2024 11:18	R354883
SW-846 9040B FIELD									
pH	*	0	1.00		**7.50**		1	10/16/2024 11:18	R354883
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**408**	mg/L	1	10/18/2024 13:28	R354869
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	10/18/2024 13:28	R354869
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		**1270**	mg/L	1	10/18/2024 13:38	R354960
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.20	0.50		**1.56**	mg/L	10	10/17/2024 11:01	R354743
Chloride	NELAP	1.00	5.00		**661**	mg/L	10	10/17/2024 11:01	R354743
Sulfate	NELAP	3.0	10	J	**5.0**	mg/L	10	10/17/2024 11:01	R354743
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		**97.6**	mg/L	1	10/18/2024 13:26	229864
Magnesium	NELAP	0.0055	0.0500		**47.3**	mg/L	1	10/18/2024 13:26	229864
Potassium	NELAP	0.0400	0.100		**4.17**	mg/L	1	10/18/2024 13:26	229864
Sodium	NELAP	0.0180	0.0500		**241**	mg/L	1	10/18/2024 13:26	229864
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		**< 0.0010**	mg/L	5	10/22/2024 11:15	229864
Arsenic	NELAP	0.0004	0.0010		**< 0.0010**	mg/L	5	10/19/2024 4:35	229864
Barium	NELAP	0.0007	0.0010		**0.0929**	mg/L	5	10/19/2024 4:35	229864
Beryllium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	10/19/2024 4:35	229864
Boron	NELAP	0.0092	0.0250		**2.21**	mg/L	5	10/21/2024 23:38	229864
Cadmium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	10/19/2024 4:35	229864
Chromium	NELAP	0.0007	0.0015		**< 0.0015**	mg/L	5	10/19/2024 4:35	229864
Cobalt	NELAP	0.0001	0.0010		**< 0.0010**	mg/L	5	10/19/2024 4:35	229864
Lead	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	10/19/2024 4:35	229864
Lithium	*	0.0015	0.0030		**0.0920**	mg/L	5	10/22/2024 11:15	229864
Molybdenum	NELAP	0.0006	0.0015		**< 0.0015**	mg/L	5	10/19/2024 4:35	229864
Selenium	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	10/19/2024 4:35	229864
Thallium	NELAP	0.0010	0.0020		**< 0.0020**	mg/L	5	10/19/2024 4:35	229864

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

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	10/18/2024 13:26	229867

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24100001

Client Project: BAL-24Q4 **Report Date:** 06-Dec-24

Lab ID: 24100001-022 **Client Sample ID:** MW-358R

Matrix: GROUNDWATER **Collection Date:** 11/01/2024 11:28

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**81.62**	ft	1	11/01/2024 11:28	R354883
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**43**	NTU	1	11/01/2024 11:28	R354883
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		**-107**	mV	1	11/01/2024 11:28	R354883
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**3520**	µS/cm	1	11/01/2024 11:28	R354883
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**16.7**	°C	1	11/01/2024 11:28	R354883
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**2.65**	mg/L	1	11/01/2024 11:28	R354883
SW-846 9040B FIELD									
pH	*	0	1.00		**7.72**		1	11/01/2024 11:28	R354883
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**557**	mg/L	1	11/04/2024 12:25	R355638
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	11/04/2024 12:25	R355638
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	40	50		**2350**	mg/L	2.5	11/07/2024 12:47	R355895
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.20	0.50		**1.20**	mg/L	10	11/05/2024 8:28	R355616
Chloride	NELAP	1.00	5.00		**1040**	mg/L	10	11/05/2024 8:28	R355616
Sulfate	NELAP	3.00	10.0		**170**	mg/L	10	11/05/2024 8:28	R355616
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		**48.6**	mg/L	1	11/05/2024 19:22	230648
Magnesium	NELAP	0.0055	0.0500		**14.7**	mg/L	1	11/05/2024 19:22	230648
Potassium	NELAP	0.200	0.500		**8.00**	mg/L	5	11/08/2024 9:22	230648
Sodium	NELAP	0.0900	0.250	S	**842**	mg/L	5	11/06/2024 18:03	230648
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		**0.0033**	mg/L	5	11/15/2024 9:51	231150
Arsenic	NELAP	0.0004	0.0010		**0.0037**	mg/L	5	11/12/2024 23:50	230648
Barium	NELAP	0.0007	0.0010		**0.167**	mg/L	5	11/14/2024 20:55	231150
Beryllium	NELAP	0.0002	0.0010	J	**0.0005**	mg/L	5	11/12/2024 23:50	230648
Boron	NELAP	0.0092	0.0250		**0.945**	mg/L	5	11/12/2024 23:50	230648
Cadmium	NELAP	0.0002	0.0010	J	**0.0002**	mg/L	5	11/12/2024 23:50	230648
Chromium	NELAP	0.0007	0.0015		**0.0267**	mg/L	5	11/12/2024 23:50	230648
Cobalt	NELAP	0.0001	0.0010		**0.0038**	mg/L	5	11/12/2024 23:50	230648
Lead	NELAP	0.0006	0.0010		**0.0019**	mg/L	5	11/09/2024 7:02	230648
Lithium	*	0.0015	0.0030		**0.0224**	mg/L	5	11/13/2024 11:54	230648
Molybdenum	NELAP	0.0006	0.0015		**0.142**	mg/L	5	11/13/2024 11:54	230648
Selenium	NELAP	0.0006	0.0010		**0.0033**	mg/L	5	11/12/2024 23:50	230648
Thallium	NELAP	0.0010	0.0020		**< 0.0020**	mg/L	5	11/09/2024 7:02	230648
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		**< 0.00020**	mg/L	1	11/05/2024 12:56	230651

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24100001

Client Project: BAL-24Q4 **Report Date:** 06-Dec-24

Lab ID: 24100001-023 **Client Sample ID:** MW-366

Matrix: GROUNDWATER **Collection Date:** 10/15/2024 12:04

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**15.32**	ft	1	10/15/2024 12:04	R354883
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**2.8**	NTU	1	10/15/2024 12:04	R354883
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		**-11**	mV	1	10/15/2024 12:04	R354883
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**2170**	µS/cm	1	10/15/2024 12:04	R354883
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**14.8**	°C	1	10/15/2024 12:04	R354883
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**0.34**	mg/L	1	10/15/2024 12:04	R354883
SW-846 9040B FIELD									
pH	*	0	1.00		**6.46**		1	10/15/2024 12:04	R354883
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**356**	mg/L	1	10/17/2024 11:11	R354803
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	10/17/2024 11:11	R354803
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		**1610**	mg/L	1	10/18/2024 10:04	R354960
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.20	0.50	J	**0.29**	mg/L	10	10/16/2024 14:53	R354678
Chloride	NELAP	1.00	5.00		**56.6**	mg/L	10	10/16/2024 14:53	R354678
Sulfate	NELAP	3.00	10.0		**838**	mg/L	10	10/16/2024 14:53	R354678
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		**264**	mg/L	1	10/18/2024 13:50	229828
Magnesium	NELAP	0.0055	0.0500		**112**	mg/L	1	10/18/2024 13:50	229828
Potassium	NELAP	0.0400	0.100		**4.19**	mg/L	1	10/18/2024 13:50	229828
Sodium	NELAP	0.0180	0.0500		**74.8**	mg/L	1	10/21/2024 16:33	229828
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010	J	**0.0005**	mg/L	5	10/30/2024 5:48	230069
Arsenic	NELAP	0.0004	0.0010	J	**0.0008**	mg/L	5	10/18/2024 23:44	229828
Barium	NELAP	0.0007	0.0010		**0.0392**	mg/L	5	10/25/2024 0:38	230069
Beryllium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	10/18/2024 23:44	229828
Boron	NELAP	0.0092	0.0250		**3.31**	mg/L	5	10/23/2024 21:08	230069
Cadmium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	10/21/2024 18:30	229828
Chromium	NELAP	0.0007	0.0015		**0.0022**	mg/L	5	10/18/2024 23:44	229828
Cobalt	NELAP	0.0001	0.0010	J	**0.0004**	mg/L	5	10/18/2024 23:44	229828
Lead	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	10/18/2024 23:44	229828
Lithium	*	0.0015	0.0030		**0.0130**	mg/L	5	10/23/2024 21:08	230069
Molybdenum	NELAP	0.0006	0.0015		**0.0036**	mg/L	5	10/18/2024 23:44	229828
Selenium	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	10/23/2024 21:08	230069
Thallium	NELAP	0.0010	0.0020		**< 0.0020**	mg/L	5	10/18/2024 23:44	229828
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	10/18/2024 13:31	229867

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24100001

Client Project: BAL-24Q4 **Report Date:** 06-Dec-24

Lab ID: 24100001-026 **Client Sample ID:** MW-375

Matrix: GROUNDWATER **Collection Date:** 10/16/2024 13:04

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**35.04**	ft	1	10/16/2024 13:04	R354883
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**2.9**	NTU	1	10/16/2024 13:04	R354883
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		**-174**	mV	1	10/16/2024 13:04	R354883
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**1730**	µS/cm	1	10/16/2024 13:04	R354883
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**13.9**	°C	1	10/16/2024 13:04	R354883
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**1.06**	mg/L	1	10/16/2024 13:04	R354883
SW-846 9040B FIELD									
pH	*	0	1.00		**7.64**		1	10/16/2024 13:04	R354883
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**627**	mg/L	1	10/22/2024 10:01	R354985
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	10/22/2024 10:01	R354985
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		**930**	mg/L	1	10/21/2024 9:02	R355026
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.20	0.50		**2.40**	mg/L	10	10/17/2024 16:16	R354743
Chloride	NELAP	1.00	5.00		**92.2**	mg/L	10	10/17/2024 16:16	R354743
Sulfate	NELAP	3.00	10.0		**78.7**	mg/L	10	10/17/2024 16:16	R354743
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		**11.8**	mg/L	1	10/18/2024 13:29	229864
Magnesium	NELAP	0.0055	0.0500		**5.68**	mg/L	1	10/18/2024 13:29	229864
Potassium	NELAP	0.0400	0.100		**4.32**	mg/L	1	10/18/2024 13:29	229864
Sodium	NELAP	0.0180	0.0500		**355**	mg/L	1	10/18/2024 13:29	229864
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		**< 0.0010**	mg/L	5	10/22/2024 11:27	229864
Arsenic	NELAP	0.0004	0.0010		**0.0031**	mg/L	5	10/19/2024 6:00	229864
Barium	NELAP	0.0007	0.0010		**0.0288**	mg/L	5	10/19/2024 6:00	229864
Beryllium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	10/19/2024 6:00	229864
Boron	NELAP	0.0092	0.0250		**1.36**	mg/L	5	10/22/2024 0:57	229864
Cadmium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	10/19/2024 6:00	229864
Chromium	NELAP	0.0007	0.0015	J	**0.0012**	mg/L	5	10/19/2024 6:00	229864
Cobalt	NELAP	0.0001	0.0010	J	**0.0003**	mg/L	5	10/19/2024 6:00	229864
Lead	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	10/22/2024 0:57	229864
Lithium	*	0.0015	0.0030		**0.0696**	mg/L	5	10/22/2024 11:27	229864
Molybdenum	NELAP	0.0006	0.0015		**0.0244**	mg/L	5	10/19/2024 6:00	229864
Selenium	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	10/19/2024 6:00	229864
Thallium	NELAP	0.0010	0.0020		**< 0.0020**	mg/L	5	10/19/2024 6:00	229864

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

CCV recovered outside the upper control limits for Pb. Sample results are below the reporting limit. Data is reportable per the TNI standard.

CCV recovered outside the upper control limits for Be and Se. Sample results are below the reporting limit. Data is reportable per the TNI standard.

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24100001

Client Project: BAL-24Q4 **Report Date:** 06-Dec-24

Lab ID: 24100001-026 **Client Sample ID:** MW-375

Matrix: GROUNDWATER **Collection Date:** 10/16/2024 13:04

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		**< 0.00020**	mg/L	1	10/18/2024 13:37	229867

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24100001

Client Project: BAL-24Q4 **Report Date:** 06-Dec-24

Lab ID: 24100001-027 **Client Sample ID:** MW-377

Matrix: GROUNDWATER **Collection Date:** 10/16/2024 13:39

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**7.32**	ft	1	10/16/2024 13:39	R354883
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**11**	NTU	1	10/16/2024 13:39	R354883
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		**-40**	mV	1	10/16/2024 13:39	R354883
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**1220**	µS/cm	1	10/16/2024 13:39	R354883
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**16.2**	°C	1	10/16/2024 13:39	R354883
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**0.83**	mg/L	1	10/16/2024 13:39	R354883
SW-846 9040B FIELD									
pH	*	0	1.00		**6.93**		1	10/16/2024 13:39	R354883
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**432**	mg/L	1	10/22/2024 10:10	R354985
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	10/22/2024 10:10	R354985
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		**594**	mg/L	1	10/21/2024 9:17	R355026
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.20	0.50		**1.32**	mg/L	10	10/17/2024 16:28	R354743
Chloride	NELAP	1.00	5.00		**95.6**	mg/L	10	10/17/2024 16:28	R354743
Sulfate	NELAP	3.00	10.0		**35.8**	mg/L	10	10/17/2024 16:28	R354743
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		**59.0**	mg/L	1	10/18/2024 13:31	229864
Magnesium	NELAP	0.0055	0.0500		**39.1**	mg/L	1	10/18/2024 13:31	229864
Potassium	NELAP	0.0400	0.100		**3.73**	mg/L	1	10/18/2024 13:31	229864
Sodium	NELAP	0.0180	0.0500		**132**	mg/L	1	10/18/2024 13:31	229864
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		**< 0.0010**	mg/L	5	10/22/2024 11:33	229864
Arsenic	NELAP	0.0004	0.0010		**< 0.0010**	mg/L	5	10/19/2024 6:06	229864
Barium	NELAP	0.0007	0.0010		**0.0679**	mg/L	5	10/19/2024 6:06	229864
Beryllium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	10/19/2024 6:06	229864
Boron	NELAP	0.0092	0.0250		**1.91**	mg/L	5	10/22/2024 1:03	229864
Cadmium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	10/19/2024 6:06	229864
Chromium	NELAP	0.0007	0.0015		**< 0.0015**	mg/L	5	10/19/2024 6:06	229864
Cobalt	NELAP	0.0001	0.0010		**< 0.0010**	mg/L	5	10/19/2024 6:06	229864
Lead	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	10/19/2024 6:06	229864
Lithium	*	0.0015	0.0030		**0.0654**	mg/L	5	10/22/2024 11:33	229864
Molybdenum	NELAP	0.0006	0.0015	J	**0.0007**	mg/L	5	10/19/2024 6:06	229864
Selenium	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	10/19/2024 6:06	229864
Thallium	NELAP	0.0010	0.0020		**< 0.0020**	mg/L	5	10/19/2024 6:06	229864

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

CCV recovered outside the upper control limits for Be, Se and Pb. 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	10/18/2024 13:44	229867

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24100001

Client Project: BAL-24Q4 **Report Date:** 06-Dec-24

Lab ID: 24100001-029 **Client Sample ID:** MW-383

Matrix: GROUNDWATER **Collection Date:** 10/14/2024 13:41

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**19.90**	ft	1	10/14/2024 13:41	R354883
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**3.7**	NTU	1	10/14/2024 13:41	R354883
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		**-94**	mV	1	10/14/2024 13:41	R354883
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**2640**	µS/cm	1	10/14/2024 13:41	R354883
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**18.7**	°C	1	10/14/2024 13:41	R354883
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**0.57**	mg/L	1	10/14/2024 13:41	R354883
SW-846 9040B FIELD									
pH	*	0	1.00		**7.41**		1	10/14/2024 13:41	R354883
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**571**	mg/L	1	10/15/2024 9:44	R354670
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	10/15/2024 9:44	R354670
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		**920**	mg/L	1	10/18/2024 12:04	R354960
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.20	0.50		**0.69**	mg/L	10	10/15/2024 16:36	R354625
Chloride	NELAP	1.00	5.00		**40.9**	mg/L	10	10/15/2024 16:36	R354625
Sulfate	NELAP	3.00	10.0		**160**	mg/L	10	10/15/2024 16:36	R354625
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		**18.2**	mg/L	1	10/16/2024 13:13	229768
Magnesium	NELAP	0.0055	0.0500		**6.84**	mg/L	1	10/16/2024 13:13	229768
Potassium	NELAP	0.0400	0.100		**2.20**	mg/L	1	10/16/2024 13:13	229768
Sodium	NELAP	0.0180	0.0500		**338**	mg/L	1	10/16/2024 13:13	229768
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010	J	**0.0005**	mg/L	5	10/22/2024 8:32	229768
Arsenic	NELAP	0.0004	0.0010	J	**0.0006**	mg/L	5	10/21/2024 16:59	229768
Barium	NELAP	0.0007	0.0010		**0.0456**	mg/L	5	10/21/2024 16:59	229768
Beryllium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	10/21/2024 16:59	229768
Boron	NELAP	0.0092	0.0250		**1.65**	mg/L	5	10/21/2024 16:59	229768
Cadmium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	10/21/2024 16:59	229768
Chromium	NELAP	0.0007	0.0015		**< 0.0015**	mg/L	5	10/21/2024 16:59	229768
Cobalt	NELAP	0.0001	0.0010		**< 0.0010**	mg/L	5	10/21/2024 16:59	229768
Lead	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	10/17/2024 14:03	229768
Lithium	*	0.0015	0.0030		**0.0434**	mg/L	5	10/22/2024 8:32	229768
Molybdenum	NELAP	0.0006	0.0015		**0.0095**	mg/L	5	10/21/2024 16:59	229768
Selenium	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	10/21/2024 16:59	229768
Thallium	NELAP	0.0010	0.0020		**< 0.0020**	mg/L	5	10/17/2024 14:03	229768

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

CCV recovered outside the upper control limits for Be, Cr and Se. 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	10/18/2024 13:49	229867

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24100001

Client Project: BAL-24Q4 **Report Date:** 06-Dec-24

Lab ID: 24100001-030 **Client Sample ID:** MW-384

Matrix: GROUNDWATER **Collection Date:** 10/14/2024 14:16

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**16.22**	ft	1	10/14/2024 14:16	R354883
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**5.2**	NTU	1	10/14/2024 14:16	R354883
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		**-88**	mV	1	10/14/2024 14:16	R354883
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**4960**	µS/cm	1	10/14/2024 14:16	R354883
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**17.5**	°C	1	10/14/2024 14:16	R354883
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**0.38**	mg/L	1	10/14/2024 14:16	R354883
SW-846 9040B FIELD									
pH	*	0	1.00		**7.95**		1	10/14/2024 14:16	R354883
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**592**	mg/L	1	10/15/2024 9:53	R354670
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	10/15/2024 9:53	R354670
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		**1570**	mg/L	1	10/18/2024 12:04	R354960
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.20	0.50		**4.05**	mg/L	10	10/15/2024 17:11	R354625
Chloride	NELAP	1.00	5.00		**584**	mg/L	10	10/15/2024 17:11	R354625
Sulfate	NELAP	3.00	10.0		**30.4**	mg/L	10	10/15/2024 17:11	R354625
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		**17.0**	mg/L	1	10/16/2024 13:14	229768
Magnesium	NELAP	0.0055	0.0500		**6.75**	mg/L	1	10/16/2024 13:14	229768
Potassium	NELAP	0.0400	0.100		**2.76**	mg/L	1	10/16/2024 13:14	229768
Sodium	NELAP	0.180	0.500		**557**	mg/L	10	10/17/2024 16:54	229768
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		**< 0.0010**	mg/L	5	10/22/2024 8:38	229768
Arsenic	NELAP	0.0004	0.0010		**< 0.0010**	mg/L	5	10/21/2024 17:05	229768
Barium	NELAP	0.0007	0.0010		**0.0550**	mg/L	5	10/21/2024 17:05	229768
Beryllium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	10/21/2024 17:05	229768
Boron	NELAP	0.0092	0.0250		**1.85**	mg/L	5	10/21/2024 17:05	229768
Cadmium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	10/21/2024 17:05	229768
Chromium	NELAP	0.0007	0.0015	J	**0.0015**	mg/L	5	10/21/2024 17:05	229768
Cobalt	NELAP	0.0001	0.0010	J	**0.0003**	mg/L	5	10/21/2024 17:05	229768
Lead	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	10/17/2024 14:09	229768
Lithium	*	0.0015	0.0030		**0.0538**	mg/L	5	10/22/2024 8:38	229768
Molybdenum	NELAP	0.0006	0.0015		**0.0135**	mg/L	5	10/21/2024 17:05	229768
Selenium	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	10/21/2024 17:05	229768
Thallium	NELAP	0.0010	0.0020		**< 0.0020**	mg/L	5	10/17/2024 14:09	229768

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

CCV recovered outside the upper control limits for Be, Cr and Se. 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	10/18/2024 13:51	229867

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24100001

Client Project: BAL-24Q4 **Report Date:** 06-Dec-24

Lab ID: 24100001-031 **Client Sample ID:** MW-390

Matrix: GROUNDWATER **Collection Date:** 10/15/2024 11:46

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**8.65**	ft	1	10/15/2024 11:46	R354883
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**27**	NTU	1	10/15/2024 11:46	R354883
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		**-100**	mV	1	10/15/2024 11:46	R354883
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**3430**	µS/cm	1	10/15/2024 11:46	R354883
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**16.0**	°C	1	10/15/2024 11:46	R354883
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**1.28**	mg/L	1	10/15/2024 11:46	R354883
SW-846 9040B FIELD									
pH	*	0	1.00		**7.04**		1	10/15/2024 11:46	R354883
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**358**	mg/L	1	10/17/2024 12:39	R354803
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	10/17/2024 12:39	R354803
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		**658**	mg/L	1	10/18/2024 12:04	R354960
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.20	0.50		**0.50**	mg/L	10	10/16/2024 17:01	R354678
Chloride	NELAP	1.00	5.00		**59.0**	mg/L	10	10/16/2024 17:01	R354678
Sulfate	NELAP	3.00	10.0		**120**	mg/L	10	10/16/2024 17:01	R354678
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100	S	**96.2**	mg/L	1	10/18/2024 13:53	229828
Magnesium	NELAP	0.0055	0.0500	S	**40.2**	mg/L	1	10/18/2024 13:53	229828
Potassium	NELAP	0.0400	0.100		**3.17**	mg/L	1	10/18/2024 13:53	229828
Sodium	NELAP	0.0180	0.0500	S	**86.4**	mg/L	1	10/21/2024 16:39	229828
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	JS	**0.0006**	mg/L	5	10/29/2024 12:49	230069
Arsenic	NELAP	0.0004	0.0010	J	**0.0008**	mg/L	5	10/19/2024 0:08	229828
Barium	NELAP	0.0007	0.0010		**0.0743**	mg/L	5	10/25/2024 2:05	230069
Beryllium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	10/19/2024 0:08	229828
Boron	NELAP	0.0092	0.0250		**0.385**	mg/L	5	10/23/2024 21:39	230069
Cadmium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	10/21/2024 19:00	229828
Chromium	NELAP	0.0007	0.0015		**< 0.0015**	mg/L	5	10/19/2024 0:08	229828
Cobalt	NELAP	0.0001	0.0010	J	**0.0009**	mg/L	5	10/19/2024 0:08	229828
Lead	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	10/19/2024 0:08	229828
Lithium	*	0.0015	0.0030		**0.0188**	mg/L	5	10/23/2024 21:39	230069
Molybdenum	NELAP	0.0006	0.0015		**0.0031**	mg/L	5	10/19/2024 0:08	229828
Selenium	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	10/23/2024 21:39	230069
Thallium	NELAP	0.0010	0.0020		**< 0.0020**	mg/L	5	10/19/2024 0:08	229828

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

CCV recovered outside the upper control limits Sb. Sample results are below the reporting limit. Data is reportable per the TNI standard.

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

Laboratory Results

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

Client: Ramboll **Work Order:** 24100001

Client Project: BAL-24Q4 **Report Date:** 06-Dec-24

Lab ID: 24100001-031 **Client Sample ID:** MW-390

Matrix: GROUNDWATER **Collection Date:** 10/15/2024 11:46

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		**< 0.00020**	mg/L	1	10/18/2024 16:44	229870

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24100001

Client Project: BAL-24Q4 **Report Date:** 06-Dec-24

Lab ID: 24100001-049 **Client Sample ID:** Field Blank

Matrix: AQUEOUS **Collection Date:** 10/17/2024 13:08

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		**0**	mg/L	1	10/21/2024 13:04	R354929
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	10/21/2024 13:04	R354929
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		**< 20**	mg/L	1	10/18/2024 13:26	R354960
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.20	0.50		**ND**	mg/L	10	10/18/2024 11:25	R354816
Chloride	NELAP	1.00	5.00		**ND**	mg/L	10	10/18/2024 11:25	R354816
Sulfate	NELAP	3.00	10.0		**ND**	mg/L	10	10/18/2024 11:25	R354816
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		**< 0.100**	mg/L	1	10/21/2024 11:11	229922
Magnesium	NELAP	0.0055	0.050	J	**0.0067**	mg/L	1	10/21/2024 11:11	229922
Potassium	NELAP	0.0400	0.100		**< 0.100**	mg/L	1	10/21/2024 11:11	229922
Sodium	NELAP	0.0180	0.0500		**< 0.0500**	mg/L	1	10/21/2024 11:11	229922
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		**< 0.0010**	mg/L	5	10/22/2024 12:52	229922
Arsenic	NELAP	0.0004	0.0010		**< 0.0010**	mg/L	5	10/22/2024 2:34	229922
Barium	NELAP	0.0007	0.0010		**< 0.0010**	mg/L	5	10/22/2024 2:34	229922
Beryllium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	10/22/2024 2:34	229922
Boron	NELAP	0.0092	0.0250		**0.0292**	mg/L	5	10/22/2024 2:34	229922
Cadmium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	10/22/2024 2:34	229922
Chromium	NELAP	0.0007	0.0015		**< 0.0015**	mg/L	5	10/22/2024 2:34	229922
Cobalt	NELAP	0.0001	0.0010		**< 0.0010**	mg/L	5	10/22/2024 2:34	229922
Lead	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	10/22/2024 2:34	229922
Lithium	*	0.0015	0.0030		**< 0.0030**	mg/L	5	10/22/2024 2:34	229922
Molybdenum	NELAP	0.0006	0.0015		**< 0.0015**	mg/L	5	10/22/2024 2:34	229922
Selenium	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	10/22/2024 2:34	229922
Thallium	NELAP	0.0010	0.0020		**< 0.0020**	mg/L	5	10/22/2024 2:34	229922

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

CCV recovered outside the 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	10/21/2024 18:37	229905

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24100001

Client Project: BAL-24Q4 **Report Date:** 06-Dec-24

Lab ID: 24100001-050 **Client Sample ID:** MW-304 Duplicate

Matrix: GROUNDWATER **Collection Date:** 10/16/2024 9:33

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**9.54**	ft	1	10/16/2024 9:33	R354883
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**6.3**	NTU	1	10/16/2024 9:33	R354883
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		**-32**	mV	1	10/16/2024 9:33	R354883
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**2540**	µS/cm	1	10/16/2024 9:33	R354883
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**15.3**	°C	1	10/16/2024 9:33	R354883
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**1.24**	mg/L	1	10/16/2024 9:33	R354883
SW-846 9040B FIELD									
pH	*	0	1.00		**7.54**		1	10/16/2024 9:33	R354883
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**800**	mg/L	1	10/18/2024 12:50	R354869
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	10/18/2024 12:50	R354869
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		**1390**	mg/L	1	10/18/2024 13:38	R354960
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.20	0.50		**1.82**	mg/L	10	10/17/2024 11:13	R354743
Chloride	NELAP	1.00	5.00		**169**	mg/L	10	10/17/2024 11:13	R354743
Sulfate	NELAP	3.00	10.0		**190**	mg/L	10	10/17/2024 11:13	R354743
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		**12.4**	mg/L	1	10/18/2024 13:33	229864
Magnesium	NELAP	0.0055	0.0500		**4.89**	mg/L	1	10/18/2024 13:33	229864
Potassium	NELAP	0.0400	0.100		**2.48**	mg/L	1	10/18/2024 13:33	229864
Sodium	NELAP	0.0180	0.0500		**572**	mg/L	1	10/18/2024 13:33	229864
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		**< 0.0010**	mg/L	5	10/22/2024 11:39	229864
Arsenic	NELAP	0.0004	0.0010		**0.0032**	mg/L	5	10/19/2024 6:12	229864
Barium	NELAP	0.0007	0.0010		**0.0238**	mg/L	5	10/19/2024 6:12	229864
Beryllium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	10/19/2024 6:12	229864
Boron	NELAP	0.0092	0.0250		**1.83**	mg/L	5	10/22/2024 1:09	229864
Cadmium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	10/19/2024 6:12	229864
Chromium	NELAP	0.0007	0.0015		**< 0.0015**	mg/L	5	10/19/2024 6:12	229864
Cobalt	NELAP	0.0001	0.0010		**< 0.0010**	mg/L	5	10/19/2024 6:12	229864
Lead	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	10/19/2024 6:12	229864
Lithium	*	0.0015	0.0030		**0.0785**	mg/L	5	10/22/2024 11:39	229864
Molybdenum	NELAP	0.0006	0.0015	J	**0.0012**	mg/L	5	10/19/2024 6:12	229864
Selenium	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	10/19/2024 6:12	229864
Thallium	NELAP	0.0010	0.0020		**< 0.0020**	mg/L	5	10/19/2024 6:12	229864

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

CCV recovered outside the upper control limits for Be, Se and Pb. 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	10/18/2024 17:13	229870

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24100001

Client Project: BAL-24Q4 **Report Date:** 06-Dec-24

Lab ID: 24100001-052 **Client Sample ID:** Equipment Blank 1

Matrix: AQUEOUS **Collection Date:** 10/17/2024 13:31

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		**12**	mg/L	1	10/21/2024 13:00	R354929
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	10/21/2024 13:00	R354929
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		**20**	mg/L	1	10/18/2024 13:26	R354960
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.20	0.50		**ND**	mg/L	10	10/18/2024 11:37	R354816
Chloride	NELAP	1.00	5.00		**ND**	mg/L	10	10/18/2024 11:37	R354816
Sulfate	NELAP	3.00	10.0		**ND**	mg/L	10	10/18/2024 11:37	R354816
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		**< 0.100**	mg/L	1	10/21/2024 11:13	229922
Magnesium	NELAP	0.0055	0.050	J	**0.0062**	mg/L	1	10/21/2024 11:13	229922
Potassium	NELAP	0.0400	0.100		**< 0.100**	mg/L	1	10/21/2024 11:13	229922
Sodium	NELAP	0.0180	0.0500		**< 0.0500**	mg/L	1	10/21/2024 11:13	229922
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		**< 0.0010**	mg/L	5	10/23/2024 18:41	229922
Arsenic	NELAP	0.0004	0.0010		**< 0.0010**	mg/L	5	10/22/2024 2:40	229922
Barium	NELAP	0.0007	0.0010		**< 0.0010**	mg/L	5	10/22/2024 2:40	229922
Beryllium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	10/22/2024 2:40	229922
Boron	NELAP	0.0092	0.0250		**< 0.0250**	mg/L	5	10/22/2024 2:40	229922
Cadmium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	10/22/2024 2:40	229922
Chromium	NELAP	0.0007	0.0015		**< 0.0015**	mg/L	5	10/22/2024 2:40	229922
Cobalt	NELAP	0.0001	0.0010		**< 0.0010**	mg/L	5	10/22/2024 2:40	229922
Lead	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	10/22/2024 2:40	229922
Lithium	*	0.0015	0.0030		**< 0.0030**	mg/L	5	10/22/2024 2:40	229922
Molybdenum	NELAP	0.0006	0.0015		**< 0.0015**	mg/L	5	10/22/2024 2:40	229922
Selenium	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	10/22/2024 2:40	229922
Thallium	NELAP	0.0010	0.0020		**< 0.0020**	mg/L	5	10/22/2024 2:40	229922

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

CCV recovered outside the 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	10/21/2024 18:39	229905

Sample Summary

Client: Ramboll
Client Project: BAL-24Q4

Work Order: 24100001
Report Date: 06-Dec-24

Lab Sample ID	Client Sample ID	Matrix	Fractions	Collection Date
24100001-003	MW-150	Groundwater	4	10/15/2024 12:28
24100001-004	MW-151	Groundwater	4	10/16/2024 10:20
24100001-005	MW-152	Groundwater	4	10/16/2024 12:31
24100001-006	MW-153	Groundwater	4	10/16/2024 11:47
24100001-015	MW-252	Groundwater	4	10/16/2024 11:51
24100001-016	MW-253R	Groundwater	4	10/16/2024 12:15
24100001-017	MW-304	Groundwater	4	10/16/2024 9:33
24100001-018	MW-350R	Groundwater	4	10/15/2024 12:52
24100001-019	MW-352	Groundwater	4	10/16/2024 11:18
24100001-022	MW-358R	Groundwater	3	11/01/2024 11:28
24100001-023	MW-366	Groundwater	2	10/15/2024 12:04
24100001-026	MW-375	Groundwater	2	10/16/2024 13:04
24100001-027	MW-377	Groundwater	2	10/16/2024 13:39
24100001-029	MW-383	Groundwater	2	10/14/2024 13:41
24100001-030	MW-384	Groundwater	2	10/14/2024 14:16
24100001-031	MW-390	Groundwater	2	10/15/2024 11:46
24100001-032	MW-391R	Groundwater	2	11/01/2024 0:00
24100001-049	Field Blank	Aqueous	4	10/17/2024 13:08
24100001-050	MW-304 Duplicate	Groundwater	4	10/16/2024 9:33
24100001-052	Equipment Blank 1	Aqueous	4	10/17/2024 13:31

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24100001

Client Project: BAL-24Q4 **Report Date:** 06-Dec-24

STANDARD METHODS 2510 B FIELD

Batch R354883 **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	100.4	90	110	10/17/2024

Batch R354883 **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	99.9	90	110	10/14/2024

Batch R354883 **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	99.9	90	110	10/15/2024

Batch R354883 **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	100.4	90	110	11/01/2024

Batch R354883 **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	99.7	90	110	10/15/2024

Batch R354883 **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		**1420**	1412	0	100.4	90	110	10/16/2024

Batch R354883 **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	10/16/2024

Batch R354883 **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	100.1	90	110	10/17/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24100001

Client Project: BAL-24Q4 **Report Date:** 06-Dec-24

SW-846 9040B FIELD

Batch R354883 **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		**7.00**	7.000	0	100.0	98.57	101.4	10/17/2024

Batch R354883 **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		**6.98**	7.000	0	99.7	98.57	101.4	10/14/2024

Batch R354883 **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		**7.00**	7.000	0	100.0	98.57	101.4	10/15/2024

Batch R354883 **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	11/01/2024

Batch R354883 **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	10/15/2024

Batch R354883 **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		**7.08**	7.000	0	101.1	98.57	101.4	10/16/2024

Batch R354883 **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		**7.03**	7.000	0	100.4	98.57	101.4	10/16/2024

Batch R354883 **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		**7.06**	7.000	0	100.9	98.57	101.4	10/17/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24100001

Client Project: BAL-24Q4 **Report Date:** 06-Dec-24

STANDARD METHODS 2540 C (TOTAL) 1997, 2011

Batch R354960 **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	10/18/2024
Total Dissolved Solids		20		**< 20**	16.00	0	0	-100	100	10/18/2024
Total Dissolved Solids		20		**< 20**	16.00	0	0	-100	100	10/18/2024

Batch R354960 **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		**944**	1000	0	94.4	90	110	10/18/2024
Total Dissolved Solids		20		**926**	1000	0	92.6	90	110	10/18/2024
Total Dissolved Solids		20		**980**	1000	0	98.0	90	110	10/18/2024

Batch R354960 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 24100001-001ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		20		**612**				616.0	0.65	10/18/2024

Batch R354960 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 24100001-042ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		20		**628**				658.0	4.67	10/18/2024

Batch R354960 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 24100001-047ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		50		**535**				580.0	8.07	10/18/2024

Batch R355026 **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	10/21/2024
Total Dissolved Solids		20		**< 20**	16.00	0	0	-100	100	10/21/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24100001

Client Project: BAL-24Q4 **Report Date:** 06-Dec-24

STANDARD METHODS 2540 C (TOTAL) 1997, 2011

Batch R355026 **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		**970**	1000	0	97.0	90	110	10/21/2024
Total Dissolved Solids		20		**984**	1000	0	98.4	90	110	10/21/2024

Batch R355026 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 24101461-004BDUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		20		**654**				660.0	0.91	10/21/2024

Batch R355026 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 24101563-001ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		50		**400**				435.0	8.38	10/21/2024

Batch R355026 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 24101587-001ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		50		**520**				510.0	1.94	10/21/2024

Batch R355153 **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	10/23/2024
Total Dissolved Solids		20		**< 20**	16.00	0	0	-100	100	10/23/2024
Total Dissolved Solids		20		**< 20**	16.00	0	0	-100	100	10/23/2024

Batch R355153 **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		**974**	1000	0	97.4	90	110	10/23/2024
Total Dissolved Solids		20		**1010**	1000	0	100.6	90	110	10/23/2024
Total Dissolved Solids		20		**1010**	1000	0	100.6	90	110	10/23/2024

Batch R355153 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 24101717-001ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		20		**1740**				1706	1.97	10/23/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24100001

Client Project: BAL-24Q4 **Report Date:** 06-Dec-24

STANDARD METHODS 2540 C (TOTAL) 1997, 2011

Batch R355153 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 24101735-001ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		200		**5480**				5280	3.72	10/23/2024

Batch R355153 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 24101822-002ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		20		**406**				414.0	1.95	10/23/2024

Batch R355895 **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	11/07/2024
Total Dissolved Solids		20		**< 20**	16.00	0	0	-100	100	11/07/2024

Batch R355895 **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		**984**	1000	0	98.4	90	110	11/07/2024
Total Dissolved Solids		20		**1010**	1000	0	100.6	90	110	11/07/2024

Batch R355895 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 24101589-081ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		20		**1830**				1828	0.11	11/07/2024

Batch R355895 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 24102207-021ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		20		**1150**				1210	5.08	11/07/2024

Batch R356859 **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	11/26/2024
Total Dissolved Solids		20		**< 20**	16.00	0	0	-100	100	11/26/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24100001

Client Project: BAL-24Q4 **Report Date:** 06-Dec-24

STANDARD METHODS 2540 C (TOTAL) 1997, 2011

Batch R356859 **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		**902**	1000	0	90.2	90	110	11/26/2024
Total Dissolved Solids		20		**998**	1000	0	99.8	90	110	11/26/2024

Batch R356859 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 24111142-001ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		50	H	**410**				450.0	9.30	11/26/2024

Batch R356859 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 24111493-007ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		100	H	**10700**				10320	3.24	11/26/2024

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

Batch R354571 **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	10/14/2024
Nitrogen, Nitrite (as N)		0.05		**< 0.05**	0.0250	0	0	-100	100	10/14/2024
Nitrogen, Nitrite (as N)		0.05		**< 0.05**	0.0250	0	0	-100	100	10/14/2024

Batch R354571 **SampType:** LCS Units **mg/L**
SampID: LCS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.32**	0.3045	0	104.8	90	110	10/14/2024
Nitrogen, Nitrite (as N)		0.05		**0.32**	0.3045	0	103.4	90	110	10/14/2024
Nitrogen, Nitrite (as N)		0.05		**0.31**	0.3045	0	101.1	90	110	10/14/2024

Batch R354571 **SampType:** MS Units **mg/L**
SampID: 24101251-002AMS

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	0.03100	93.0	85	115	10/14/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24100001

Client Project: BAL-24Q4 **Report Date:** 06-Dec-24

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

Batch R354571 **SampType:** MSD Units **mg/L** RPD Limit **10**

SampID: 24101251-002AMSD

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	0.03100	93.2	0.4960	0.20	10/14/2024

Batch R354571 **SampType:** MS Units **mg/L**

SampID: 24101261-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.53**	0.5000	0.05200	95.4	85	115	10/14/2024

Batch R354571 **SampType:** MSD Units **mg/L** RPD Limit **10**

SampID: 24101261-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.53**	0.5000	0.05200	95.4	0.5290	0.00	10/14/2024

Batch R354718 **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	10/16/2024
Nitrogen, Nitrite (as N)		0.05		**< 0.05**	0.0250	0	0	-100	100	10/16/2024
Nitrogen, Nitrite (as N)		0.05		**< 0.05**	0.0250	0	0	-100	100	10/16/2024
Nitrogen, Nitrite (as N)		0.05		**< 0.05**	0.0250	0	0	-100	100	10/16/2024

Batch R354718 **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	99.5	90	110	10/16/2024
Nitrogen, Nitrite (as N)		0.05		**0.30**	0.3045	0	99.8	90	110	10/16/2024
Nitrogen, Nitrite (as N)		0.05		**0.30**	0.3045	0	97.2	90	110	10/16/2024
Nitrogen, Nitrite (as N)		0.05		**0.30**	0.3045	0	99.8	90	110	10/16/2024

Batch R354718 **SampType:** MS Units **mg/L**

SampID: 24101461-001BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		0.05	H	**0.51**	0.5000	0.01800	98.6	85	115	10/16/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24100001

Client Project: BAL-24Q4 **Report Date:** 06-Dec-24

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

Batch R354718 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24101461-001BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrite (as N)		0.05	H	**0.51**	0.5000	0.01800	97.6	0.5110	0.98	10/16/2024

Batch R354718 **SampType:** MS Units **mg/L**
SampID: 24101469-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		0.05	S	**0.13**	0.5000	0	26.2	85	115	10/16/2024

Batch R354718 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24101469-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrite (as N)		0.05	S	**0.12**	0.5000	0	24.2	0.1310	7.94	10/16/2024

Batch R354718 **SampType:** MS Units **mg/L**
SampID: 24101500-001AMS

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	0.008000	97.6	85	115	10/16/2024

Batch R354718 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24101500-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.50**	0.5000	0.008000	98.8	0.4960	1.20	10/16/2024

Batch R354799 **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	10/17/2024
Nitrogen, Nitrite (as N)		0.05		**< 0.05**	0.0250	0	0	-100	100	10/17/2024

Batch R354799 **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	98.2	90	110	10/17/2024
Nitrogen, Nitrite (as N)		0.05		**0.30**	0.3045	0	99.5	90	110	10/17/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24100001

Client Project: BAL-24Q4 **Report Date:** 06-Dec-24

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

Batch R354799 **SampType:** MS Units **mg/L**
SampID: 24100001-004AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.49**	0.5000	0	98.0	85	115	10/17/2024

Batch R354799 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24100001-004AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.49**	0.5000	0	97.2	0.4900	0.82	10/17/2024

Batch R354799 **SampType:** MS Units **mg/L**
SampID: 24100001-015AMS

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	10/17/2024

Batch R354799 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24100001-015AMSD

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	97.0	0.4820	0.62	10/17/2024

Batch R354799 **SampType:** MS Units **mg/L**
SampID: 24101637-001BMS

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	100.0	85	115	10/17/2024

Batch R354799 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24101637-001BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.50**	0.5000	0	99.4	0.5000	0.60	10/17/2024

Batch R354799 **SampType:** MS Units **mg/L**
SampID: 24101637-004BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.50**	0.5000	0	99.4	85	115	10/17/2024

Batch R354799 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24101637-004BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.50**	0.5000	0	100.8	0.4970	1.40	10/17/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24100001

Client Project: BAL-24Q4 **Report Date:** 06-Dec-24

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

Batch R354799 **SampType:** MS Units **mg/L**
SampID: 24101695-001AMS

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	0.005000	98.2	85	115	10/17/2024

Batch R354799 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24101695-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.49**	0.5000	0.005000	97.8	0.4960	0.40	10/17/2024

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

Batch R354637 **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**						10/14/2024
Nitrogen, Nitrate-Nitrite (as N)		0.050		**< 0.050**	0.0090	0	0	-100	100	10/14/2024

Batch R354637 **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		**0.540**	0.5000	0	108.0	90	110	10/14/2024

Batch R354637 **SampType:** MS Units **mg/L**
SampID: 24101036-004AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		2.50		**30.6**	12.50	18.54	96.7	90	110	10/14/2024

Batch R354637 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24101036-004AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		2.50		**32.0**	12.50	18.54	107.6	30.63	4.33	10/14/2024

Batch R354637 **SampType:** MS Units **mg/L**
SampID: 24101179-003AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		1.00		**10.2**	5.000	5.223	99.2	90	110	10/14/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24100001

Client Project: BAL-24Q4 **Report Date:** 06-Dec-24

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

Batch R354637 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24101179-003AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		1.00		**10.6**	5.000	5.223	106.7	10.19	3.59	10/14/2024

Batch R354637 **SampType:** MS Units **mg/L**
SampID: 24101251-002AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		5.00		**54.1**	25.00	29.16	99.6	90	110	10/14/2024

Batch R354637 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24101251-002AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		5.00		**55.4**	25.00	29.16	105.1	54.05	2.54	10/14/2024

Batch R354747 **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**						10/16/2024
Nitrogen, Nitrate-Nitrite (as N)		0.050		**< 0.050**	0.0090	0	0	-100	100	10/16/2024

Batch R354747 **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		**0.513**	0.5000	0	102.6	90	110	10/16/2024

Batch R354747 **SampType:** MS Units **mg/L**
SampID: 24101160-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.250		**1.73**	1.250	0.5190	96.9	90	110	10/16/2024

Batch R354747 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24101160-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.250		**1.73**	1.250	0.5190	97.0	1.730	0.06	10/16/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24100001

Client Project: BAL-24Q4 **Report Date:** 06-Dec-24

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

Batch R354747 **SampType:** MS Units **mg/L**
SampID: 24101453-001DMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.100		**1.47**	0.5000	1.005	93.0	90	110	10/16/2024

Batch R354747 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24101453-001DMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.100		**1.53**	0.5000	1.005	105.4	1.470	4.13	10/16/2024

Batch R354747 **SampType:** MS Units **mg/L**
SampID: 24101500-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		2.50		**33.8**	12.50	21.68	97.4	90	110	10/16/2024

Batch R354747 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24101500-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		2.50		**34.4**	12.50	21.68	101.7	33.85	1.59	10/16/2024

Batch R354821 **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**						10/17/2024
Nitrogen, Nitrate-Nitrite (as N)		0.050		**< 0.050**	0.0090	0	0	-100	100	10/17/2024

Batch R354821 **SampType:** LCS Units **mg/L**
SampID: ICV/LCS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		**0.520**	0.5000	0	104.0	90	110	10/17/2024

Batch R354821 **SampType:** MS Units **mg/L**
SampID: 24101550-002BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		2.50		**27.8**	12.50	14.52	106.0	90	110	10/17/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24100001

Client Project: BAL-24Q4 **Report Date:** 06-Dec-24

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

Batch R354821 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24101550-002BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		2.50		**26.8**	12.50	14.52	98.0	27.77	3.68	10/17/2024

Batch R354821 **SampType:** MS Units **mg/L**
SampID: 24101563-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		**0.235**	0.2500	0	94.0	85	115	10/17/2024

Batch R354821 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24101563-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		**0.243**	0.2500	0	97.2	0.2350	3.35	10/17/2024

Batch R354821 **SampType:** MS Units **mg/L**
SampID: 24101587-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		**0.230**	0.2500	0	92.0	85	115	10/17/2024

Batch R354821 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24101587-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		**0.226**	0.2500	0	90.4	0.2300	1.75	10/17/2024

Batch R354821 **SampType:** MS Units **mg/L**
SampID: 24101654-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		2.50		**32.9**	12.50	20.97	95.4	90	110	10/17/2024

Batch R354821 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24101654-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		2.50		**33.8**	12.50	20.97	102.8	32.90	2.79	10/17/2024

Batch R354821 **SampType:** MS Units **mg/L**
SampID: 24101680-002AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		2.50		**34.5**	12.50	22.10	99.4	90	110	10/17/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24100001

Client Project: BAL-24Q4 **Report Date:** 06-Dec-24

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

Batch R354821 **SampType:** MSD Units **mg/L** RPD Limit **10**

SampID: 24101680-002AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		2.50		**34.2**	12.50	22.10	96.5	34.52	1.04	10/17/2024

SW846 9056A DISSOLVED ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY

Batch R354625 **SampType:** MS Units **mg/L**

SampID: 24100001-008BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		5.00		**218**	200.0	15.42	101.4	80	120	10/15/2024
Sulfate		10.0		**253**	200.0	64.50	94.3	80	120	10/15/2024

Batch R354625 **SampType:** MSD Units **mg/L** RPD Limit **15**

SampID: 24100001-008BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		5.00		**218**	200.0	15.42	101.4	218.2	0.03	10/15/2024
Sulfate		10.0		**253**	200.0	64.50	94.4	253.2	0.09	10/15/2024

Batch R354678 **SampType:** MS Units **mg/L**

SampID: 24100001-003BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		5.00		**256**	200.0	46.36	104.9	80	120	10/16/2024
Sulfate		10.0		**1080**	200.0	870.3	105.0	80	120	10/16/2024

Batch R354678 **SampType:** MSD Units **mg/L** RPD Limit **15**

SampID: 24100001-003BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		5.00		**253**	200.0	46.36	103.5	256.2	1.08	10/16/2024
Sulfate		10.0		**1070**	200.0	870.3	101.8	1080	0.59	10/16/2024

Batch R354678 **SampType:** MS Units **mg/L**

SampID: 24100001-018BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		5.00		**219**	200.0	17.52	100.6	80	120	10/16/2024
Sulfate		10.0		**201**	200.0	16.52	92.2	80	120	10/16/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24100001

Client Project: BAL-24Q4 **Report Date:** 06-Dec-24

SW846 9056A DISSOLVED ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY

Batch R354678 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24100001-018BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		5.00		**219**	200.0	17.52	100.6	218.6	0.04	10/16/2024
Sulfate		10.0		**201**	200.0	16.52	92.2	200.9	0.01	10/16/2024

Batch R354678 **SampType:** MS Units **mg/L**
SampID: 24101461-001BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		5.00		**214**	200.0	11.10	101.6	80	120	10/16/2024
Sulfate		10.0		**187**	200.0	0	93.6	80	120	10/16/2024

Batch R354678 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24101461-001BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		5.00		**216**	200.0	11.10	102.6	214.2	0.93	10/16/2024
Sulfate		10.0		**189**	200.0	0	94.5	187.1	1.04	10/16/2024

Batch R354678 **SampType:** MS Units **mg/L**
SampID: 24101461-002BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		5.00		**272**	200.0	59.10	106.5	80	120	10/16/2024
Sulfate		10.0		**275**	200.0	83.27	96.0	80	120	10/16/2024

Batch R354678 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24101461-002BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		5.00		**272**	200.0	59.10	106.4	272.0	0.07	10/16/2024
Sulfate		10.0		**275**	200.0	83.27	95.9	275.3	0.08	10/16/2024

Batch R354743 **SampType:** MS Units **mg/L**
SampID: 24100001-004BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		5.00		**258**	200.0	49.43	104.5	80	120	10/17/2024
Sulfate		10.0		**306**	200.0	113.9	96.1	80	120	10/17/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24100001

Client Project: BAL-24Q4 **Report Date:** 06-Dec-24

SW846 9056A DISSOLVED ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY

Batch R354743 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24100001-004BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		5.00		**260**	200.0	49.43	105.2	258.4	0.53	10/17/2024
Sulfate		10.0		**306**	200.0	113.9	96.3	306.2	0.10	10/17/2024

Batch R354743 **SampType:** MS Units **mg/L**
SampID: 24100001-005BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		5.00		**268**	200.0	55.59	106.2	80	120	10/17/2024
Sulfate		10.0		**1190**	200.0	985.9	103.8	80	120	10/17/2024

Batch R354743 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24100001-005BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		5.00		**267**	200.0	55.59	105.8	268.0	0.32	10/17/2024
Sulfate		10.0		**1190**	200.0	985.9	101.8	1193	0.34	10/17/2024

Batch R354816 **SampType:** MS Units **mg/L**
SampID: 24101637-002BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		5.00		**233**	200.0	26.57	103.3	80	120	10/18/2024
Sulfate		10.0		**207**	200.0	18.73	94.1	80	120	10/18/2024

Batch R354816 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24101637-002BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		5.00		**233**	200.0	26.57	103.4	233.1	0.15	10/18/2024
Sulfate		10.0		**207**	200.0	18.73	94.3	207.0	0.15	10/18/2024

Batch R354943 **SampType:** MS Units **mg/L**
SampID: 24101820-001BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		5.00		**237**	200.0	27.40	105.0	80	120	10/22/2024
Sulfate		10.0		**345**	200.0	150.5	97.4	80	120	10/22/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24100001

Client Project: BAL-24Q4 **Report Date:** 06-Dec-24

SW846 9056A DISSOLVED ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY

Batch R354943 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24101820-001BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		5.00		**237**	200.0	27.40	105.0	237.5	0.00	10/22/2024
Sulfate		10.0		**344**	200.0	150.5	97.0	345.2	0.23	10/22/2024

Batch R354943 **SampType:** MS Units **mg/L**
SampID: 24101820-005BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		5.00		**208**	200.0	2.372	103.0	80	120	10/22/2024
Sulfate		10.0		**385**	200.0	186.7	99.4	80	120	10/22/2024

Batch R354943 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24101820-005BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		5.00		**209**	200.0	2.372	103.2	208.4	0.20	10/22/2024
Sulfate		10.0		**385**	200.0	186.7	99.0	385.4	0.17	10/22/2024

Batch R354943 **SampType:** MS Units **mg/L**
SampID: 24101820-009BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		5.00		**294**	200.0	77.01	108.7	80	120	10/22/2024
Sulfate		10.0		**285**	200.0	90.80	96.9	80	120	10/22/2024

Batch R354943 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24101820-009BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		5.00		**295**	200.0	77.01	108.9	294.3	0.18	10/22/2024
Sulfate		10.0		**285**	200.0	90.80	97.2	284.6	0.23	10/22/2024

Batch R355616 **SampType:** MS Units **mg/L**
SampID: 24101589-030BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		5.00		**267**	200.0	51.45	108.0	80	120	11/06/2024
Sulfate		10.0		**278**	200.0	85.79	96.2	80	120	11/06/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24100001

Client Project: BAL-24Q4 **Report Date:** 06-Dec-24

SW846 9056A DISSOLVED ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY

Batch R355616 **SampType:** MSD Units **mg/L** RPD Limit **15**

SampID: 24101589-030BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		5.00		**267**	200.0	51.45	107.6	267.5	0.35	11/06/2024
Sulfate		10.0		**277**	200.0	85.79	95.6	278.2	0.42	11/06/2024

SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY

Batch R354625 **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**						10/15/2024
Chloride		0.50		**ND**						10/15/2024
Sulfate		1.00		**ND**						10/15/2024

Batch R354625 **SampType:** LCS Units **mg/L**

SampID: LCS/ICV/QCS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.05		**0.99**	1.000	0	99.5	90	110	10/15/2024
Chloride		0.50		**20.1**	20.00	0	100.5	90	110	10/15/2024
Sulfate		1.00		**18.6**	20.00	0	93.1	90	110	10/15/2024

Batch R354625 **SampType:** MS Units **mg/L**

SampID: 24100001-029AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		**10.7**	10.00	0.6920	99.8	80	120	10/15/2024
Chloride		5.00		**248**	200.0	40.95	103.6	80	120	10/15/2024
Sulfate		10.0		**353**	200.0	159.9	96.7	80	120	10/15/2024

Batch R354625 **SampType:** MSD Units **mg/L** RPD Limit **15**

SampID: 24100001-029AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.50		**10.7**	10.00	0.6920	100.4	10.68	0.52	10/15/2024
Chloride		5.00		**249**	200.0	40.95	104.1	248.2	0.35	10/15/2024
Sulfate		10.0		**353**	200.0	159.9	96.7	353.3	0.01	10/15/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24100001

Client Project: BAL-24Q4 **Report Date:** 06-Dec-24

SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY

Batch R354625 **SampType:** MS Units **mg/L**
SampID: 24101303-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		50.0		**8020**	2000	5939	104.1	80	120	10/15/2024
Sulfate		100		**2000**	2000	141.6	93.2	80	120	10/15/2024

Batch R354625 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24101303-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		50.0		**8080**	2000	5939	106.9	8020	0.72	10/15/2024
Sulfate		100		**2010**	2000	141.6	93.5	2005	0.36	10/15/2024

Batch R354625 **SampType:** MS Units **mg/L**
SampID: 24101337-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.20		**4.25**	4.000	0.2264	100.5	80	120	10/16/2024
Chloride		2.00		**98.6**	80.00	15.56	103.8	80	120	10/16/2024
Sulfate		4.00		**142**	80.00	64.92	96.7	80	120	10/16/2024

Batch R354625 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24101337-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.20		**4.26**	4.000	0.2264	100.7	4.247	0.21	10/16/2024
Chloride		2.00		**98.9**	80.00	15.56	104.2	98.61	0.30	10/16/2024
Sulfate		4.00		**143**	80.00	64.92	97.3	142.3	0.31	10/16/2024

Batch R354625 **SampType:** MS Units **mg/L**
SampID: 24101337-003AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.20		**4.78**	4.000	0.6580	103.0	80	120	10/16/2024
Chloride		2.00		**92.7**	80.00	10.61	102.6	80	120	10/16/2024
Sulfate		4.00		**264**	80.00	183.2	101.3	80	120	10/16/2024

Batch R354625 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24101337-003AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.20		**4.80**	4.000	0.6580	103.6	4.780	0.48	10/16/2024
Chloride		2.00		**93.1**	80.00	10.61	103.1	92.68	0.46	10/16/2024
Sulfate		4.00		**266**	80.00	183.2	103.7	264.2	0.74	10/16/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24100001

Client Project: BAL-24Q4 **Report Date:** 06-Dec-24

SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY

Batch R354678 **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**						10/16/2024
Chloride		0.50		**ND**						10/16/2024
Sulfate		1.00		**ND**						10/16/2024

Batch R354678 **SampType:** LCS Units **mg/L**
SampID: LCS/ICV/QCS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.05		**1.02**	1.000	0	102.3	90	110	10/16/2024
Chloride		0.50		**20.1**	20.00	0	100.7	90	110	10/16/2024
Sulfate		1.00		**18.6**	20.00	0	93.1	90	110	10/16/2024

Batch R354678 **SampType:** MS Units **mg/L**
SampID: 24100001-023AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		**10.4**	10.00	0.2900	101.5	80	120	10/16/2024
Chloride		5.00		**264**	200.0	56.59	103.6	80	120	10/16/2024
Sulfate		10.0		**1040**	200.0	838.3	102.0	80	120	10/16/2024

Batch R354678 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24100001-023AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.50		**10.5**	10.00	0.2900	101.9	10.44	0.34	10/16/2024
Chloride		5.00		**263**	200.0	56.59	103.4	263.8	0.12	10/16/2024
Sulfate		10.0		**1040**	200.0	838.3	101.4	1042	0.12	10/16/2024

Batch R354678 **SampType:** MS Units **mg/L**
SampID: 24100001-025AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		**13.4**	10.00	3.142	102.4	80	120	10/16/2024
Sulfate		10.0		**441**	200.0	251.7	94.8	80	120	10/16/2024

Batch R354678 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24100001-025AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.50		**13.4**	10.00	3.142	102.8	13.39	0.25	10/16/2024
Sulfate		10.0		**444**	200.0	251.7	95.9	441.2	0.51	10/16/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24100001

Client Project: BAL-24Q4 **Report Date:** 06-Dec-24

SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY

Batch R354678 **SampType:** MS Units **mg/L**
SampID: 24101461-001BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		**10.9**	10.00	0.4270	104.5	80	120	10/16/2024

Batch R354678 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24101461-001BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.50		**11.0**	10.00	0.4270	105.7	10.88	1.12	10/16/2024

Batch R354678 **SampType:** MS Units **mg/L**
SampID: 24101461-002BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		**10.9**	10.00	0.3760	105.4	80	120	10/16/2024

Batch R354678 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24101461-002BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.50		**10.9**	10.00	0.3760	105.4	10.91	0.00	10/16/2024

Batch R354743 **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**						10/17/2024
Chloride		0.50		**ND**						10/17/2024
Sulfate		1.00		**ND**						10/17/2024

Batch R354743 **SampType:** LCS Units **mg/L**
SampID: LCS/ICV/QCS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.05		**1.06**	1.000	0	105.8	90	110	10/17/2024
Chloride		0.50		**20.1**	20.00	0	100.3	90	110	10/17/2024
Sulfate		1.00		**18.6**	20.00	0	93.0	90	110	10/17/2024

Batch R354743 **SampType:** MS Units **mg/L**
SampID: 24100001-025AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		10.0		**1920**	400.0	1521	100.6	80	120	10/17/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24100001

Client Project: BAL-24Q4 **Report Date:** 06-Dec-24

SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY

Batch R354743 **SampType:** MSD Units **mg/L** RPD Limit **15**

SampID: 24100001-025AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		10.0		**1920**	400.0	1521	100.3	1924	0.06	10/17/2024

Batch R354743 **SampType:** MS Units **mg/L**

SampID: 24101508-005AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		**11.5**	10.00	0.6470	108.9	80	120	10/17/2024
Chloride		5.00		**284**	200.0	71.97	106.0	80	120	10/17/2024
Sulfate		10.0		**398**	200.0	203.2	97.3	80	120	10/17/2024

Batch R354743 **SampType:** MSD Units **mg/L** RPD Limit **15**

SampID: 24101508-005AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.50		**11.5**	10.00	0.6470	108.7	11.53	0.16	10/17/2024
Chloride		5.00		**285**	200.0	71.97	106.3	284.0	0.22	10/17/2024
Sulfate		10.0		**399**	200.0	203.2	97.8	397.8	0.25	10/17/2024

Batch R354743 **SampType:** MS Units **mg/L**

SampID: 24101563-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		**11.2**	10.00	0.3540	108.8	80	120	10/17/2024
Chloride		5.00		**282**	200.0	69.17	106.4	80	120	10/17/2024
Sulfate		10.0		**218**	200.0	28.07	94.8	80	120	10/17/2024

Batch R354743 **SampType:** MSD Units **mg/L** RPD Limit **15**

SampID: 24101563-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.50		**11.3**	10.00	0.3540	109.5	11.23	0.61	10/17/2024
Chloride		5.00		**283**	200.0	69.17	106.7	281.9	0.25	10/17/2024
Sulfate		10.0		**218**	200.0	28.07	94.9	217.6	0.13	10/17/2024

Batch R354743 **SampType:** MS Units **mg/L**

SampID: 24101587-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		**11.2**	10.00	0.2750	109.1	80	120	10/17/2024
Chloride		5.00		**331**	200.0	112.8	109.3	80	120	10/17/2024
Sulfate		10.0		**255**	200.0	62.86	96.0	80	120	10/17/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24100001

Client Project: BAL-24Q4 **Report Date:** 06-Dec-24

SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY

Batch R354743 **SampType:** MSD Units **mg/L** RPD Limit **15**

SampID: 24101587-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.50		**11.2**	10.00	0.2750	109.3	11.19	0.13	10/17/2024
Chloride		5.00		**331**	200.0	112.8	109.1	331.4	0.12	10/17/2024
Sulfate		10.0		**255**	200.0	62.86	96.1	254.8	0.05	10/17/2024

Batch R354816 **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**						10/18/2024
Chloride		0.50		**ND**						10/18/2024
Sulfate		1.00		**ND**						10/18/2024

Batch R354816 **SampType:** LCS Units **mg/L**

SampID: LCS/ICV/QCS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.05		**1.10**	1.000	0	109.5	90	110	10/18/2024
Chloride		0.50		**20.2**	20.00	0	101.2	90	110	10/18/2024
Sulfate		1.00		**18.8**	20.00	0	93.8	90	110	10/18/2024

Batch R354816 **SampType:** MS Units **mg/L**

SampID: 24100001-046AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		**11.4**	10.00	0.5720	108.3	80	120	10/18/2024
Chloride		5.00		**232**	200.0	27.86	101.9	80	120	10/18/2024
Sulfate		10.0		**248**	200.0	60.39	93.6	80	120	10/18/2024

Batch R354816 **SampType:** MSD Units **mg/L** RPD Limit **15**

SampID: 24100001-046AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.50		**11.5**	10.00	0.5720	109.0	11.40	0.59	10/18/2024
Chloride		5.00		**234**	200.0	27.86	103.1	231.6	1.03	10/18/2024
Sulfate		10.0		**250**	200.0	60.39	94.8	247.6	0.95	10/18/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24100001

Client Project: BAL-24Q4 **Report Date:** 06-Dec-24

SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY

Batch R354816 **SampType:** MS Units **mg/L**
SampID: 24101635-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		5.00		**326**	200.0	109.6	108.5	80	120	10/18/2024
Sulfate		10.0		**420**	200.0	223.5	98.4	80	120	10/18/2024

Batch R354816 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24101635-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		5.00		**327**	200.0	109.6	108.5	326.5	0.02	10/18/2024
Sulfate		10.0		**420**	200.0	223.5	98.1	420.2	0.11	10/18/2024

Batch R354816 **SampType:** MS Units **mg/L**
SampID: 24101635-003AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		**11.3**	10.00	0.3640	109.6	80	120	10/18/2024
Chloride		5.00		**289**	200.0	76.94	106.2	80	120	10/18/2024
Sulfate		10.0		**223**	200.0	34.39	94.2	80	120	10/18/2024

Batch R354816 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24101635-003AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.50		**11.4**	10.00	0.3640	109.9	11.32	0.33	10/18/2024
Chloride		5.00		**288**	200.0	76.94	105.8	289.2	0.26	10/18/2024
Sulfate		10.0		**223**	200.0	34.39	94.1	222.8	0.09	10/18/2024

Batch R354816 **SampType:** MS Units **mg/L**
SampID: 24101637-002BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		**11.4**	10.00	0.3650	110.1	80	120	10/18/2024

Batch R354816 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24101637-002BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.50		**11.4**	10.00	0.3650	110.8	11.37	0.62	10/18/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24100001

Client Project: BAL-24Q4 **Report Date:** 06-Dec-24

SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY

Batch R354943 **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**						10/22/2024
Chloride		0.50		**ND**						10/22/2024
Sulfate		1.00		**ND**						10/22/2024

Batch R354943 **SampType:** MBLK Units **mg/L**
SampID: MBLK-229898

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride	*	0.05		**ND**						10/23/2024
Chloride	*	0.50	J	**0.12**						10/23/2024
Sulfate	*	1.00		**ND**						10/23/2024

Batch R354943 **SampType:** LCS Units **mg/L**
SampID: LCS/ICV/QCS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.05		**1.00**	1.000	0	100.1	90	110	10/22/2024
Chloride		0.50		**20.5**	20.00	0	102.4	90	110	10/22/2024
Sulfate		1.00		**18.8**	20.00	0	93.8	90	110	10/22/2024

Batch R354943 **SampType:** MS Units **mg/L**
SampID: 24101635-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		**10.7**	10.00	0.5190	101.5	80	120	10/22/2024

Batch R354943 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24101635-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.50		**10.7**	10.00	0.5190	102.1	10.67	0.54	10/22/2024

Batch R354943 **SampType:** MS Units **mg/L**
SampID: 24101651-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		**10.5**	10.00	0.5210	99.8	80	120	10/23/2024
Chloride		5.00		**209**	200.0	3.787	102.6	80	120	10/23/2024
Sulfate		10.0		**1170**	200.0	960.2	102.9	80	120	10/23/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24100001

Client Project: BAL-24Q4 **Report Date:** 06-Dec-24

SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY

Batch R354943 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24101651-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.50		**10.6**	10.00	0.5210	100.5	10.50	0.66	10/23/2024
Chloride		5.00		**210**	200.0	3.787	103.0	208.9	0.44	10/23/2024
Sulfate		10.0		**1170**	200.0	960.2	103.2	1166	0.05	10/23/2024

Batch R354943 **SampType:** MS Units **mg/L**
SampID: 24101819-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		**10.1**	10.00	0	100.6	80	120	10/23/2024
Chloride		5.00		**212**	200.0	6.510	102.9	80	120	10/23/2024
Sulfate		10.0		**279**	200.0	84.81	97.0	80	120	10/23/2024

Batch R354943 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24101819-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.50		**10.1**	10.00	0	100.7	10.06	0.12	10/23/2024
Chloride		5.00		**212**	200.0	6.510	103.0	212.2	0.10	10/23/2024
Sulfate		10.0		**279**	200.0	84.81	97.1	278.9	0.04	10/23/2024

Batch R354943 **SampType:** MS Units **mg/L**
SampID: 24101819-003AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		**10.2**	10.00	0	102.4	80	120	10/22/2024
Chloride		5.00		**265**	200.0	51.18	107.1	80	120	10/22/2024
Sulfate		10.0		**337**	200.0	140.6	98.2	80	120	10/22/2024

Batch R354943 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24101819-003AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.50		**10.3**	10.00	0	102.7	10.24	0.36	10/22/2024
Chloride		5.00		**266**	200.0	51.18	107.5	265.5	0.24	10/22/2024
Sulfate		10.0		**337**	200.0	140.6	98.4	337.0	0.13	10/22/2024

Batch R354943 **SampType:** MS Units **mg/L**
SampID: 24101820-001BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		**10.2**	10.00	0.2090	99.8	80	120	10/22/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24100001

Client Project: BAL-24Q4 **Report Date:** 06-Dec-24

SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY

Batch R354943 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24101820-001BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.50		**10.2**	10.00	0.2090	100.0	10.18	0.25	10/22/2024

Batch R354943 **SampType:** MS Units **mg/L**
SampID: 24101820-005BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		**10.8**	10.00	0.7040	100.8	80	120	10/22/2024

Batch R354943 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24101820-005BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.50		**10.8**	10.00	0.7040	101.0	10.78	0.17	10/22/2024

Batch R354943 **SampType:** MS Units **mg/L**
SampID: 24101820-009BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		**10.3**	10.00	0	102.6	80	120	10/22/2024

Batch R354943 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24101820-009BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.50		**10.3**	10.00	0	102.9	10.26	0.33	10/22/2024

Batch R354943 **SampType:** MS Units **mg/L**
SampID: 24101822-002AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		**10.3**	10.00	0.3800	99.6	80	120	10/22/2024
Chloride		5.00		**208**	200.0	3.273	102.2	80	120	10/22/2024
Sulfate		10.0		**197**	200.0	9.222	93.9	80	120	10/22/2024

Batch R354943 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24101822-002AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.50		**10.4**	10.00	0.3800	99.7	10.34	0.18	10/22/2024
Chloride		5.00		**209**	200.0	3.273	102.9	207.7	0.63	10/22/2024
Sulfate		10.0		**197**	200.0	9.222	94.1	197.0	0.24	10/22/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24100001

Client Project: BAL-24Q4 **Report Date:** 06-Dec-24

SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY

Batch R355616 **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**						11/05/2024
Chloride		0.50		**ND**						11/05/2024
Sulfate		1.00		**ND**						11/05/2024

Batch R355616 **SampType:** LCS Units **mg/L**
SampID: LCS/ICV/QCS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.05		**1.00**	1.000	0	100.4	90	110	11/05/2024
Chloride		0.50		**20.5**	20.00	0	102.7	90	110	11/05/2024
Sulfate		1.00		**18.5**	20.00	0	92.6	90	110	11/05/2024

Batch R355616 **SampType:** MS Units **mg/L**
SampID: 24100001-022AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		**11.4**	10.00	1.197	101.9	80	120	11/05/2024
Chloride		5.00		**1220**	200.0	1042	91.0	80	120	11/05/2024
Sulfate		10.0		**365**	200.0	169.8	97.8	80	120	11/05/2024

Batch R355616 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24100001-022AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.50		**11.4**	10.00	1.197	102.5	11.39	0.49	11/05/2024
Chloride		5.00		**1220**	200.0	1042	89.9	1224	0.19	11/05/2024
Sulfate		10.0		**366**	200.0	169.8	98.0	365.3	0.11	11/05/2024

Batch R355616 **SampType:** MS Units **mg/L**
SampID: 24101589-030BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		**10.3**	10.00	0.3450	99.6	80	120	11/06/2024

Batch R355616 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24101589-030BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.50		**10.3**	10.00	0.3450	99.5	10.30	0.10	11/06/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24100001

Client Project: BAL-24Q4 **Report Date:** 06-Dec-24

SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY

Batch R355616 **SampType:** MS Units **mg/L**
SampID: 24110188-003AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		**9.88**	10.00	0	98.8	80	120	11/05/2024
Chloride		5.00		**374**	200.0	155.0	109.5	80	120	11/05/2024
Sulfate		10.0		**730**	200.0	531.6	99.1	80	120	11/05/2024

Batch R355616 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24110188-003AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.50		**9.93**	10.00	0	99.3	9.875	0.53	11/05/2024
Chloride		5.00		**375**	200.0	155.0	110.1	374.1	0.30	11/05/2024
Sulfate		10.0		**731**	200.0	531.6	99.5	729.9	0.10	11/05/2024

Batch R355616 **SampType:** MS Units **mg/L**
SampID: 24110189-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		**9.92**	10.00	0	99.2	80	120	11/05/2024
Chloride		5.00		**223**	200.0	16.85	103.1	80	120	11/05/2024
Sulfate		10.0		**1160**	200.0	953.2	101.9	80	120	11/05/2024

Batch R355616 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24110189-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.50		**9.96**	10.00	0	99.6	9.923	0.37	11/05/2024
Chloride		5.00		**224**	200.0	16.85	103.5	223.1	0.31	11/05/2024
Sulfate		10.0		**1160**	200.0	953.2	103.3	1157	0.24	11/05/2024

Batch R355616 **SampType:** MS Units **mg/L**
SampID: 24110221-002AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		**9.84**	10.00	0	98.4	80	120	11/05/2024
Chloride		5.00		**215**	200.0	9.207	102.7	80	120	11/05/2024
Sulfate		10.0		**220**	200.0	33.48	93.2	80	120	11/05/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24100001

Client Project: BAL-24Q4 **Report Date:** 06-Dec-24

SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY

Batch R355616 **SampType:** MSD Units **mg/L** RPD Limit **15**

SampID: 24110221-002AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.50		**9.85**	10.00	0	98.5	9.843	0.03	11/05/2024
Chloride		5.00		**214**	200.0	9.207	102.6	214.7	0.14	11/05/2024
Sulfate		10.0		**219**	200.0	33.48	92.9	219.8	0.27	11/05/2024

Batch R355616 **SampType:** MS Units **mg/L**

SampID: 24110232-002BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		**10.7**	10.00	0.7990	98.8	80	120	11/05/2024
Chloride		5.00		**213**	200.0	7.226	102.8	80	120	11/05/2024
Sulfate		10.0		**299**	200.0	107.0	95.8	80	120	11/05/2024

Batch R355616 **SampType:** MSD Units **mg/L** RPD Limit **15**

SampID: 24110232-002BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.50		**10.7**	10.00	0.7990	98.6	10.68	0.20	11/05/2024
Chloride		5.00		**213**	200.0	7.226	102.7	212.9	0.09	11/05/2024
Sulfate		10.0		**299**	200.0	107.0	95.8	298.6	0.01	11/05/2024

Batch R355616 **SampType:** MS Units **mg/L**

SampID: 24110234-001BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		**9.91**	10.00	0	99.1	80	120	11/06/2024
Chloride		5.00		**225**	200.0	16.08	104.2	80	120	11/06/2024
Sulfate		10.0		**225**	200.0	39.18	93.1	80	120	11/06/2024

Batch R355616 **SampType:** MSD Units **mg/L** RPD Limit **15**

SampID: 24110234-001BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.50		**9.96**	10.00	0	99.6	9.907	0.54	11/06/2024
Chloride		5.00		**224**	200.0	16.08	103.7	224.5	0.43	11/06/2024
Sulfate		10.0		**225**	200.0	39.18	92.7	225.4	0.38	11/06/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24100001

Client Project: BAL-24Q4 **Report Date:** 06-Dec-24

SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY

Batch R355616 **SampType:** MS Units **mg/L**

SampID: 24110236-003AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		**9.87**	10.00	0	98.7	80	120	11/05/2024
Chloride		5.00		**207**	200.0	2.717	102.3	80	120	11/05/2024
Sulfate		10.0		**187**	200.0	0	93.4	80	120	11/05/2024

Batch R355616 **SampType:** MSD Units **mg/L** RPD Limit **15**

SampID: 24110236-003AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.50		**9.81**	10.00	0	98.1	9.870	0.59	11/05/2024
Chloride		5.00		**206**	200.0	2.717	101.7	207.3	0.64	11/05/2024
Sulfate		10.0		**186**	200.0	0	92.8	186.8	0.69	11/05/2024

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

Batch 229768 **SampType:** MBLK Units **mg/L**

SampID: MBLK-229768

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	10/16/2024
Magnesium		0.0500		**< 0.0500**	0.0055	0	0	-100	100	10/16/2024
Potassium		0.100		**< 0.100**	0.0400	0	0	-100	100	10/16/2024
Sodium		0.0500		**< 0.0500**	0.0180	0	0	-100	100	10/16/2024

Batch 229768 **SampType:** LCS Units **mg/L**

SampID: LCS-229768

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		**2.62**	2.500	0	104.8	85	115	10/16/2024
Magnesium		0.0500		**2.40**	2.500	0	95.9	85	115	10/16/2024
Potassium		0.100		**2.65**	2.500	0	105.9	85	115	10/16/2024
Sodium		0.0500		**2.66**	2.500	0	106.2	85	115	10/16/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24100001

Client Project: BAL-24Q4 **Report Date:** 06-Dec-24

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

Batch 229828 **SampType:** MBLK Units **mg/L**

SampID: MBLK-229828

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	10/18/2024
Calcium		0.100		**< 0.100**	0.0350	0	0	-100	100	10/21/2024
Cobalt		0.0050		**< 0.0050**	0.0020	0	0	-100	100	10/21/2024
Lead		0.0150		**< 0.0150**	0.0014	0	0	-100	100	10/21/2024
Magnesium		0.0500		**< 0.0500**	0.0055	0	0	-100	100	10/18/2024
Manganese		0.0070		**< 0.0070**	0.0025	0	0	-100	100	10/21/2024
Molybdenum		0.0100		**< 0.0100**	0.0037	0	0	-100	100	10/21/2024
Potassium		0.100		**< 0.100**	0.0400	0	0	-100	100	10/18/2024
Potassium		0.100		**< 0.100**	0.0400	0	0	-100	100	10/21/2024
Selenium		0.0400		**< 0.0400**	0.0170	0	0	-100	100	10/21/2024
Sodium		0.0500		**< 0.0500**	0.0180	0	0	-100	100	10/18/2024
Sodium		0.0500		**< 0.0500**	0.0180	0	0	-100	100	10/21/2024
Thallium		0.0500		**< 0.0500**	0.0111	0	0	-100	100	10/21/2024

Batch 229828 **SampType:** LCS Units **mg/L**

SampID: LCS-229828

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		**2.50**	2.500	0	100.1	85	115	10/18/2024
Calcium		0.100		**2.70**	2.500	0	108.2	85	115	10/21/2024
Cobalt		0.0050		**0.544**	0.5000	0	108.7	85	115	10/21/2024
Lead		0.0150		**0.523**	0.5000	0	104.6	85	115	10/21/2024
Magnesium		0.0500		**2.39**	2.500	0	95.6	85	115	10/18/2024
Manganese		0.0070		**0.544**	0.5000	0	108.8	85	115	10/21/2024
Molybdenum		0.0100		**0.520**	0.5000	0	104.0	85	115	10/21/2024
Potassium		0.100		**2.52**	2.500	0	100.9	85	115	10/18/2024
Potassium		0.100		**2.71**	2.500	0	108.3	85	115	10/21/2024
Selenium		0.0400		**0.528**	0.5000	0	105.5	85	115	10/21/2024
Sodium		0.0500		**2.55**	2.500	0	102.0	85	115	10/18/2024
Sodium		0.0500		**2.68**	2.500	0	107.3	85	115	10/21/2024
Thallium		0.0500		**0.265**	0.2500	0	106.1	85	115	10/21/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24100001

Client Project: BAL-24Q4 **Report Date:** 06-Dec-24

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

Batch 229828 **SampType:** MS Units **mg/L**
SampID: 24100001-031BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100	S	**97.6**	2.500	96.21	57.6	75	125	10/18/2024
Magnesium		0.0500	S	**42.0**	2.500	40.22	69.4	75	125	10/18/2024
Potassium		0.100		**5.50**	2.500	3.174	93.2	75	125	10/18/2024
Sodium		0.0500	S	**88.0**	2.500	86.40	62.8	75	125	10/21/2024

Batch 229828 **SampType:** MSD Units **mg/L** RPD Limit **20**
SampID: 24100001-031BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Calcium		0.100		**98.6**	2.500	96.21	97.2	97.65	1.01	10/18/2024
Magnesium		0.0500		**42.3**	2.500	40.22	84.9	41.95	0.92	10/18/2024
Potassium		0.100		**5.62**	2.500	3.174	97.8	5.504	2.07	10/18/2024
Sodium		0.0500	S	**88.1**	2.500	86.40	68.4	87.97	0.16	10/21/2024

Batch 229829 **SampType:** MBLK Units **mg/L**
SampID: MBLK-229829

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Boron		0.0200		**< 0.0200**	0.0090	0	0	-100	100	10/18/2024
Calcium		0.100		**< 0.100**	0.0350	0	0	-100	100	10/18/2024
Iron		0.0400		**< 0.0400**	0.0200	0	0	-100	100	10/18/2024
Magnesium		0.0500		**< 0.0500**	0.0055	0	0	-100	100	10/18/2024
Manganese		0.0070		**< 0.0070**	0.0025	0	0	-100	100	10/18/2024
Potassium		0.100		**< 0.100**	0.0400	0	0	-100	100	10/18/2024
Sodium		0.0500		**< 0.0500**	0.0180	0	0	-100	100	10/18/2024

Batch 229829 **SampType:** LCS Units **mg/L**
SampID: LCS-229829

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Boron		0.0200		**0.488**	0.5000	0	97.7	85	115	10/18/2024
Calcium		0.100		**2.52**	2.500	0	100.8	85	115	10/18/2024
Iron		0.0400		**2.10**	2.000	0	105.0	85	115	10/18/2024
Magnesium		0.0500		**2.40**	2.500	0	96.2	85	115	10/18/2024
Manganese		0.0070		**0.500**	0.5000	0	100.1	85	115	10/18/2024
Potassium		0.100		**2.64**	2.500	0	105.6	85	115	10/18/2024
Sodium		0.0500		**2.53**	2.500	0	101.2	85	115	10/18/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24100001

Client Project: BAL-24Q4 **Report Date:** 06-Dec-24

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

Batch 229829 **SampType:** MS Units **mg/L**
SampID: 24100001-051BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100	S	**145**	2.500	144.7	30.4	75	125	10/18/2024
Magnesium		0.0500	S	**71.8**	2.500	70.56	51.4	75	125	10/18/2024
Potassium		0.100		**5.03**	2.500	2.347	107.5	75	125	10/18/2024
Sodium		0.0500		**56.6**	2.500	54.68	77.2	75	125	10/21/2024

Batch 229829 **SampType:** MSD Units **mg/L** RPD Limit **20**
SampID: 24100001-051BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Calcium		0.100	S	**149**	2.500	144.7	184.4	145.4	2.61	10/18/2024
Magnesium		0.0500	S	**73.7**	2.500	70.56	125.5	71.85	2.55	10/18/2024
Potassium		0.100		**5.03**	2.500	2.347	107.2	5.033	0.13	10/18/2024
Sodium		0.0500		**57.7**	2.500	54.68	120.4	56.61	1.89	10/21/2024

Batch 229829 **SampType:** MS Units **mg/L**
SampID: 24101508-003BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		**22.5**	2.500	20.07	96.4	75	125	10/18/2024

Batch 229829 **SampType:** MSD Units **mg/L** RPD Limit **20**
SampID: 24101508-003BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Calcium		0.100		**22.0**	2.500	20.07	79.2	22.48	1.93	10/18/2024

Batch 229864 **SampType:** MBLK Units **mg/L**
SampID: MBLK-229864

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Boron		0.0200		**< 0.0200**	0.0090	0	0	-100	100	10/18/2024
Calcium		0.100		**< 0.100**	0.0350	0	0	-100	100	10/18/2024
Iron		0.0400		**< 0.0400**	0.0200	0	0	-100	100	10/18/2024
Magnesium		0.0500		**< 0.0500**	0.0055	0	0	-100	100	10/18/2024
Manganese		0.0070		**< 0.0070**	0.0025	0	0	-100	100	10/18/2024
Potassium		0.100		**< 0.100**	0.0400	0	0	-100	100	10/18/2024
Sodium		0.0500		**< 0.0500**	0.0180	0	0	-100	100	10/18/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24100001

Client Project: BAL-24Q4 **Report Date:** 06-Dec-24

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

Batch 229864 **SampType:** LCS Units **mg/L**

SampID: LCS-229864

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Boron		0.0200		**0.486**	0.5000	0	97.3	85	115	10/18/2024
Calcium		0.100		**2.52**	2.500	0	101.0	85	115	10/18/2024
Iron		0.0400		**1.98**	2.000	0	98.8	85	115	10/18/2024
Magnesium		0.0500		**2.37**	2.500	0	94.9	85	115	10/18/2024
Manganese		0.0070		**0.491**	0.5000	0	98.2	85	115	10/18/2024
Potassium		0.100		**2.65**	2.500	0	106.2	85	115	10/18/2024
Sodium		0.0500		**2.54**	2.500	0	101.7	85	115	10/18/2024

Batch 229864 **SampType:** MS Units **mg/L**

SampID: 24100001-015CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100	S	**212**	2.500	211.7	16.4	75	125	10/18/2024
Magnesium		0.0500	S	**83.5**	2.500	81.99	61.1	75	125	10/18/2024
Potassium		0.100		**4.51**	2.500	1.701	112.4	75	125	10/18/2024
Sodium		0.0500	S	**92.4**	2.500	90.97	55.6	75	125	10/18/2024

Batch 229864 **SampType:** MSD Units **mg/L** RPD Limit **20**

SampID: 24100001-015CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Calcium		0.100	S	**213**	2.500	211.7	69.6	212.1	0.63	10/18/2024
Magnesium		0.0500		**84.4**	2.500	81.99	98.2	83.52	1.10	10/18/2024
Potassium		0.100		**4.50**	2.500	1.701	112.1	4.511	0.17	10/18/2024
Sodium		0.0500	S	**92.6**	2.500	90.97	65.6	92.36	0.27	10/18/2024

Batch 229922 **SampType:** MBLK Units **mg/L**

SampID: MBLK-229922

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	10/21/2024
Magnesium		0.0500		**< 0.0500**	0.0055	0	0	-100	100	10/21/2024
Potassium		0.100		**< 0.100**	0.0400	0	0	-100	100	10/21/2024
Sodium		0.0500		**< 0.0500**	0.0180	0	0	-100	100	10/21/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24100001

Client Project: BAL-24Q4 **Report Date:** 06-Dec-24

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

Batch 229922 **SampType:** LCS Units **mg/L**
SampID: LCS-229922

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		**2.62**	2.500	0	104.9	85	115	10/21/2024
Magnesium		0.0500		**2.33**	2.500	0	93.2	85	115	10/21/2024
Potassium		0.100		**2.73**	2.500	0	109.3	85	115	10/21/2024
Sodium		0.0500		**2.69**	2.500	0	107.7	85	115	10/21/2024

Batch 229922 **SampType:** MS Units **mg/L**
SampID: 24100001-012BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100	S	**186**	2.500	183.0	131.6	75	125	10/21/2024
Magnesium		0.0500		**76.7**	2.500	74.05	106.4	75	125	10/21/2024
Potassium		0.100		**7.72**	2.500	5.115	104.2	75	125	10/21/2024
Sodium		0.0500		**74.6**	2.500	71.87	108.4	75	125	10/21/2024

Batch 229922 **SampType:** MSD Units **mg/L** RPD Limit **20**
SampID: 24100001-012BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Calcium		0.100	S	**184**	2.500	183.0	44.4	186.3	1.18	10/21/2024
Magnesium		0.0500	S	**75.6**	2.500	74.05	61.3	76.71	1.48	10/21/2024
Potassium		0.100		**7.63**	2.500	5.115	100.6	7.720	1.18	10/21/2024
Sodium		0.0500	S	**73.4**	2.500	71.87	62.4	74.58	1.55	10/21/2024

Batch 229922 **SampType:** MS Units **mg/L**
SampID: 24100001-052CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		**2.65**	2.500	0	106.1	75	125	10/21/2024
Magnesium		0.0500		**2.36**	2.500	0.006200	94.3	75	125	10/21/2024
Potassium		0.100		**2.70**	2.500	0	107.9	75	125	10/21/2024
Sodium		0.0500		**2.69**	2.500	0	107.6	75	125	10/21/2024

Batch 229922 **SampType:** MSD Units **mg/L** RPD Limit **20**
SampID: 24100001-052CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Calcium		0.100		**2.66**	2.500	0	106.6	2.652	0.46	10/21/2024
Magnesium		0.0500		**2.35**	2.500	0.006200	93.7	2.364	0.62	10/21/2024
Potassium		0.100		**2.72**	2.500	0	108.7	2.697	0.78	10/21/2024
Sodium		0.0500		**2.69**	2.500	0	107.5	2.691	0.10	10/21/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24100001

Client Project: BAL-24Q4 **Report Date:** 06-Dec-24

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

Batch 230069 **SampType:** MBLK Units **mg/L**
SampID: MBLK-230069

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	10/23/2024
Magnesium		0.0500		**< 0.0500**	0.0055	0	0	-100	100	10/23/2024
Potassium		0.100		**< 0.100**	0.0400	0	0	-100	100	10/23/2024
Sodium		0.0500		**< 0.0500**	0.0180	0	0	-100	100	10/23/2024

Batch 230069 **SampType:** LCS Units **mg/L**
SampID: LCS-230069

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		**2.41**	2.500	0	96.6	85	115	10/23/2024
Magnesium		0.0500		**2.26**	2.500	0	90.4	85	115	10/23/2024
Potassium		0.100		**2.61**	2.500	0	104.3	85	115	10/23/2024
Sodium		0.0500		**2.52**	2.500	0	100.9	85	115	10/23/2024

Batch 230147 **SampType:** MBLK Units **mg/L**
SampID: MBLK-230147

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	10/24/2024
Arsenic		0.0250		**< 0.0250**	0.0087	0	0	-100	100	10/24/2024
Barium		0.0025		**< 0.0025**	0.0007	0	0	-100	100	10/24/2024
Beryllium		0.0005		**< 0.0005**	0.0002	0	0	-100	100	10/24/2024
Boron		0.0200		**< 0.0200**	0.0090	0	0	-100	100	10/24/2024
Cadmium		0.0020		**< 0.0020**	0.0005	0	0	-100	100	10/24/2024
Calcium		0.100		**< 0.100**	0.0350	0	0	-100	100	10/24/2024
Chromium		0.0050		**< 0.0050**	0.0028	0	0	-100	100	10/24/2024
Cobalt		0.0050		**< 0.0050**	0.0020	0	0	-100	100	10/24/2024
Iron		0.0400		**< 0.0400**	0.0200	0	0	-100	100	10/24/2024
Lead		0.0150		**< 0.0150**	0.0014	0	0	-100	100	10/24/2024
Magnesium		0.0500		**< 0.0500**	0.0055	0	0	-100	100	10/24/2024
Manganese		0.0070		**< 0.0070**	0.0025	0	0	-100	100	10/24/2024
Molybdenum		0.0100		**< 0.0100**	0.0037	0	0	-100	100	10/24/2024
Potassium		0.100		**< 0.100**	0.0400	0	0	-100	100	10/24/2024
Selenium		0.0400		**< 0.0400**	0.0170	0	0	-100	100	10/24/2024
Sodium		0.0500		**< 0.0500**	0.0180	0	0	-100	100	10/24/2024
Thallium		0.0500		**< 0.0500**	0.0111	0	0	-100	100	10/24/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24100001

Client Project: BAL-24Q4 **Report Date:** 06-Dec-24

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

Batch 230147 **SampType:** LCS Units **mg/L**

SampID: LCS-230147

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		0.0500		**0.522**	0.5000	0	104.4	85	115	10/24/2024
Arsenic		0.0250		**0.507**	0.5000	0	101.4	85	115	10/24/2024
Barium		0.0025		**1.98**	2.000	0	99.0	85	115	10/24/2024
Beryllium		0.0005		**0.0512**	0.0500	0	102.4	85	115	10/24/2024
Boron		0.0200		**0.488**	0.5000	0	97.7	85	115	10/24/2024
Cadmium		0.0020		**0.0488**	0.0500	0	97.6	85	115	10/24/2024
Calcium		0.100		**2.59**	2.500	0	103.5	85	115	10/24/2024
Chromium		0.0050		**0.206**	0.2000	0	103.0	85	115	10/24/2024
Cobalt		0.0050		**0.535**	0.5000	0	107.1	85	115	10/24/2024
Iron		0.0400		**2.23**	2.000	0	111.5	85	115	10/25/2024
Lead		0.0150		**0.508**	0.5000	0	101.5	85	115	10/24/2024
Magnesium		0.0500		**2.56**	2.500	0	102.3	85	115	10/24/2024
Manganese		0.0070		**0.504**	0.5000	0	100.9	85	115	10/24/2024
Molybdenum		0.0100		**0.507**	0.5000	0	101.4	85	115	10/24/2024
Potassium		0.100		**2.78**	2.500	0	111.0	85	115	10/24/2024
Selenium		0.0400		**0.507**	0.5000	0	101.4	85	115	10/24/2024
Sodium		0.0500		**2.56**	2.500	0	102.6	85	115	10/24/2024
Thallium		0.0500		**0.256**	0.2500	0	102.3	85	115	10/24/2024

Batch 230147 **SampType:** MS Units **mg/L**

SampID: 24100635-001BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		**41.2**	2.500	38.10	124.8	75	125	10/24/2024
Magnesium		0.0500		**13.8**	2.500	11.22	104.6	75	125	10/24/2024
Potassium		0.100		**4.16**	2.500	1.430	109.2	75	125	10/24/2024
Sodium		0.0500	S	**76.5**	2.500	72.93	141.2	75	125	10/24/2024

Batch 230147 **SampType:** MSD Units **mg/L** RPD Limit **20**

SampID: 24100635-001BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Calcium		0.100		**40.6**	2.500	38.10	102.0	41.22	1.39	10/24/2024
Magnesium		0.0500		**13.6**	2.500	11.22	97.0	13.83	1.39	10/24/2024
Potassium		0.100		**4.06**	2.500	1.430	105.4	4.159	2.29	10/24/2024
Sodium		0.0500		**75.2**	2.500	72.93	90.0	76.46	1.69	10/24/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24100001

Client Project: BAL-24Q4 **Report Date:** 06-Dec-24

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

Batch 230147 **SampType:** MS Units **mg/L**
SampID: 24100635-005BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100	S	**84.7**	2.500	81.45	131.6	75	125	10/24/2024
Magnesium		0.0500		**25.3**	2.500	22.72	104.4	75	125	10/24/2024
Potassium		0.100		**5.64**	2.500	3.138	100.3	75	125	10/24/2024
Sodium		0.0500	S	**45.2**	2.500	43.36	72.4	75	125	10/24/2024

Batch 230147 **SampType:** MSD Units **mg/L** RPD Limit **20**
SampID: 24100635-005BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Calcium		0.100	S	**82.8**	2.500	81.45	52.0	84.74	2.38	10/24/2024
Magnesium		0.0500		**24.7**	2.500	22.72	78.6	25.32	2.57	10/24/2024
Potassium		0.100		**5.66**	2.500	3.138	100.9	5.644	0.29	10/24/2024
Sodium		0.0500	S	**45.1**	2.500	43.36	69.6	45.17	0.16	10/24/2024

Batch 230648 **SampType:** MBLK Units **mg/L**
SampID: MBLK-230648

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	11/05/2024
Magnesium		0.0500		**< 0.0500**	0.0055	0	0	-100	100	11/05/2024
Potassium		0.100		**< 0.100**	0.0400	0	0	-100	100	11/05/2024
Sodium		0.0500		**< 0.0500**	0.0180	0	0	-100	100	11/05/2024

Batch 230648 **SampType:** LCS Units **mg/L**
SampID: LCS-230648

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		**5.12**	5.000	0	102.4	85	115	11/05/2024
Magnesium		0.0500		**4.75**	5.000	0	94.9	85	115	11/05/2024
Potassium		0.100		**4.99**	5.000	0	99.8	85	115	11/05/2024
Sodium		0.0500		**5.06**	5.000	0	101.3	85	115	11/05/2024

Batch 230648 **SampType:** MS Units **mg/L**
SampID: 24100001-014BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		**90.3**	5.000	85.23	101.0	75	125	11/05/2024
Magnesium		0.0500		**41.6**	5.000	37.07	90.7	75	125	11/05/2024
Potassium		0.100		**7.72**	5.000	3.246	89.6	75	125	11/05/2024
Sodium		0.0500		**48.0**	5.000	43.58	88.6	75	125	11/05/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24100001

Client Project: BAL-24Q4 **Report Date:** 06-Dec-24

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

Batch 230648 **SampType:** MSD Units **mg/L** RPD Limit **20**

SampID: 24100001-014BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Calcium		0.100	S	**87.4**	5.000	85.23	43.0	90.28	3.26	11/05/2024
Magnesium		0.0500	S	**40.4**	5.000	37.07	66.4	41.60	2.96	11/05/2024
Potassium		0.100		**7.46**	5.000	3.246	84.2	7.724	3.53	11/05/2024
Sodium		0.0500	S	**46.2**	5.000	43.58	52.2	48.01	3.86	11/05/2024

Batch 230648 **SampType:** MS Units **mg/L**

SampID: 24100001-022BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		**54.2**	5.000	48.56	111.8	75	125	11/05/2024
Magnesium		0.0500		**19.9**	5.000	14.66	105.0	75	125	11/05/2024
Potassium		0.500		**13.7**	5.000	8.000	113.5	75	125	11/08/2024
Sodium		0.250	S	**894**	5.000	842.2	1044	75	125	11/06/2024

Batch 230648 **SampType:** MSD Units **mg/L** RPD Limit **20**

SampID: 24100001-022BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Calcium		0.100		**54.7**	5.000	48.56	123.4	54.15	1.07	11/05/2024
Magnesium		0.0500		**20.2**	5.000	14.66	111.2	19.91	1.54	11/05/2024
Potassium		0.500		**13.4**	5.000	8.000	107.2	13.67	2.33	11/08/2024
Sodium		0.250	S	**876**	5.000	842.2	678.0	894.4	2.07	11/06/2024

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

Batch 229735 **SampType:** MBLK Units **mg/L**

SampID: MBLK-229735

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	10/16/2024

Batch 229735 **SampType:** LCS Units **mg/L**

SampID: LCS-229735

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Boron		0.0250		**0.528**	0.5000	0	105.5	80	120	10/17/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24100001

Client Project: BAL-24Q4 **Report Date:** 06-Dec-24

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

Batch 229830 **SampType:** MBLK Units **mg/L**
SampID: MBLK-229830

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	10/21/2024
Iron		0.0250		**< 0.0250**	0.0115	0	0	-100	100	10/21/2024
Manganese		0.0020		**< 0.0020**	0.0008	0	0	-100	100	10/21/2024

Batch 229830 **SampType:** LCS Units **mg/L**
SampID: LCS-229830

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Boron		0.0250		**0.537**	0.5000	0	107.5	80	120	10/21/2024
Iron		0.0250		**2.04**	2.000	0	102.2	80	120	10/21/2024
Manganese		0.0020		**0.514**	0.5000	0	102.8	80	120	10/21/2024

Batch 229830 **SampType:** MS Units **mg/L**
SampID: 24100001-051CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Iron		0.0250		**1.97**	2.000	0.01197	97.7	75	125	10/21/2024
Manganese		0.0020		**0.603**	0.5000	0.1020	100.2	75	125	10/21/2024

Batch 229830 **SampType:** MSD Units **mg/L** RPD Limit **20**
SampID: 24100001-051CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Iron		0.0250		**2.08**	2.000	0.01197	103.4	1.966	5.64	10/21/2024
Manganese		0.0020		**0.610**	0.5000	0.1020	101.6	0.6029	1.17	10/21/2024

Batch 230027 **SampType:** MBLK Units **mg/L**
SampID: MBLK-230027

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	10/22/2024

Batch 230027 **SampType:** LCS Units **mg/L**
SampID: LCS-230027

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Boron		0.0250		**0.506**	0.5000	0	101.1	80	120	10/22/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24100001

Client Project: BAL-24Q4 **Report Date:** 06-Dec-24

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

Batch 230027 **SampType:** MS Units **mg/L**
SampID: 24100001-001DMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Boron		0.0250		**0.523**	0.5000	0.05222	94.2	75	125	10/22/2024

Batch 230027 **SampType:** MSD Units **mg/L** RPD Limit **20**
SampID: 24100001-001DMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Boron		0.0250		**0.521**	0.5000	0.05222	93.7	0.5233	0.46	10/22/2024

Batch 230028 **SampType:** MBLK Units **mg/L**
SampID: MBLK-230028

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	10/22/2024
Iron		0.0250		**< 0.0250**	0.0115	0	0	-100	100	10/22/2024
Manganese		0.0020		**< 0.0020**	0.0008	0	0	-100	100	10/22/2024

Batch 230028 **SampType:** LCS Units **mg/L**
SampID: LCS-230028

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Boron		0.0250		**0.460**	0.5000	0	91.9	80	120	10/22/2024
Iron		0.0250		**1.71**	2.000	0	85.6	80	120	10/22/2024
Manganese		0.0020		**0.447**	0.5000	0	89.3	80	120	10/22/2024

Batch 230028 **SampType:** MS Units **mg/L**
SampID: 24100001-016DMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Boron		0.0250		**0.755**	0.5000	0.2026	110.6	75	125	10/30/2024

Batch 230028 **SampType:** MSD Units **mg/L** RPD Limit **20**
SampID: 24100001-016DMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Boron		0.0250		**0.751**	0.5000	0.2026	109.6	0.7554	0.61	10/30/2024

Batch 230686 **SampType:** MBLK Units **mg/L**
SampID: MBLK-230686

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Iron		0.0250		**< 0.0250**	0.0115	0	0	-100	100	11/13/2024
Manganese		0.0020		**< 0.0020**	0.0008	0	0	-100	100	11/13/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24100001

Client Project: BAL-24Q4 **Report Date:** 06-Dec-24

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

Batch 230686 **SampType:** LCS Units **mg/L**

SampID: LCS-230686

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Iron		0.0250		**3.84**	4.000	0	95.9	80	120	11/13/2024
Manganese		0.0020		**0.969**	1.000	0	96.9	80	120	11/13/2024

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

Batch 229768 **SampType:** MBLK Units **mg/L**

SampID: MBLK-229768

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	10/22/2024
Arsenic		0.0010		**< 0.0010**	0.0004	0	0	-100	100	10/17/2024
Barium		0.0010		**< 0.0010**	0.0007	0	0	-100	100	10/17/2024
Beryllium		0.0010		**< 0.0010**	0.0002	0	0	-100	100	10/17/2024
Boron	*	0.0250		**< 0.0250**	0.0093	0	0	-100	100	10/17/2024
Cadmium		0.0010		**< 0.0010**	0.0001	0	0	-100	100	10/17/2024
Chromium		0.0015		**< 0.0015**	0.0007	0	0	-100	100	10/17/2024
Cobalt		0.0010		**< 0.0010**	0.0001	0	0	-100	100	10/17/2024
Iron	*	0.0250		**< 0.0250**	0.0115	0	0	-100	100	10/17/2024
Lead		0.0010		**< 0.0010**	0.0006	0	0	-100	100	10/17/2024
Lithium	*	0.0030		**< 0.0030**	0.0015	0	0	-100	100	10/17/2024
Manganese		0.0020		**< 0.0020**	0.0008	0	0	-100	100	10/17/2024
Molybdenum		0.0015		**< 0.0015**	0.0006	0	0	-100	100	10/21/2024
Selenium		0.0010		**< 0.0010**	0.0006	0	0	-100	100	10/17/2024
Thallium		0.0020		**< 0.0020**	0.0010	0	0	-100	100	10/17/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24100001

Client Project: BAL-24Q4 **Report Date:** 06-Dec-24

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

Batch 229768 **SampType:** LCS Units **mg/L**

SampID: LCS-229768

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		0.0010	S	**0.603**	0.5000	0	120.7	85	115	10/22/2024
Arsenic		0.0010		**0.545**	0.5000	0	109.0	85	115	10/17/2024
Barium		0.0010		**2.13**	2.000	0	106.3	85	115	10/17/2024
Beryllium		0.0010		**0.0551**	0.0500	0	110.2	85	115	10/17/2024
Boron	*	0.0250		**0.525**	0.5000	0	105.1	85	115	10/17/2024
Cadmium		0.0010		**0.0528**	0.0500	0	105.6	85	115	10/17/2024
Chromium		0.0015		**0.216**	0.2000	0	107.8	85	115	10/17/2024
Cobalt		0.0010		**0.504**	0.5000	0	100.8	85	115	10/17/2024
Iron	*	0.0250		**2.04**	2.000	0	102.1	85	115	10/17/2024
Lead		0.0010	E	**0.544**	0.5000	0	108.8	85	115	10/17/2024
Lithium	*	0.0030		**0.539**	0.5000	0	107.7	85	115	10/17/2024
Manganese		0.0020		**0.534**	0.5000	0	106.9	85	115	10/17/2024
Molybdenum		0.0015		**0.532**	0.5000	0	106.5	85	115	10/21/2024
Selenium		0.0010		**0.572**	0.5000	0	114.3	85	115	10/22/2024
Selenium		0.0010	S	**0.595**	0.5000	0	119.0	85	115	10/17/2024
Thallium		0.0020		**0.248**	0.2500	0	99.0	85	115	10/17/2024

Batch 229768 **SampType:** MS Units **mg/L**

SampID: 24100001-008CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Iron		0.0250		**3.13**	2.000	0.8266	115.4	75	125	10/21/2024
Manganese		0.0400		**5.23**	0.5000	4.757	93.6	75	125	10/22/2024

Batch 229768 **SampType:** MSD Units **mg/L** RPD Limit **20**

SampID: 24100001-008CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Iron		0.0250		**3.03**	2.000	0.8266	110.0	3.134	3.51	10/21/2024
Manganese		0.0400	S	**4.73**	0.5000	4.757	-6.1	5.225	10.02	10/22/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24100001

Client Project: BAL-24Q4 **Report Date:** 06-Dec-24

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

Batch 229828 **SampType:** MBLK Units **mg/L**

SampID: MBLK-229828

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	10/22/2024
Arsenic		0.0010		**< 0.0010**	0.0004	0	0	-100	100	10/18/2024
Barium		0.0010		**< 0.0010**	0.0007	0	0	-100	100	10/18/2024
Beryllium		0.0010		**< 0.0010**	0.0002	0	0	-100	100	10/18/2024
Boron		0.0250		**< 0.0250**	0.0093	0	0	-100	100	10/18/2024
Cadmium		0.0010		**< 0.0010**	0.0001	0	0	-100	100	10/18/2024
Chromium		0.0015		**< 0.0015**	0.0007	0	0	-100	100	10/18/2024
Cobalt		0.0010		**< 0.0010**	0.0001	0	0	-100	100	10/18/2024
Iron		0.0250		**< 0.0250**	0.0115	0	0	-100	100	10/18/2024
Lead		0.0010		**< 0.0010**	0.0006	0	0	-100	100	10/18/2024
Lithium	*	0.0030		**< 0.0030**	0.0015	0	0	-100	100	10/18/2024
Manganese		0.0020		**< 0.0020**	0.0008	0	0	-100	100	10/22/2024
Molybdenum		0.0015		**< 0.0015**	0.0006	0	0	-100	100	10/18/2024
Selenium		0.0010		**< 0.0010**	0.0006	0	0	-100	100	10/18/2024
Thallium		0.0020		**< 0.0020**	0.0010	0	0	-100	100	10/18/2024

Batch 229828 **SampType:** LCS Units **mg/L**

SampID: LCS-229828

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		0.0010	S	**0.611**	0.5000	0	122.2	80	120	10/22/2024
Arsenic		0.0010		**0.577**	0.5000	0	115.5	80	120	10/22/2024
Beryllium		0.0010		**0.0592**	0.0500	0	118.5	80	120	10/22/2024
Cadmium		0.0010	S	**0.0623**	0.0500	0	124.7	80	120	10/21/2024
Chromium		0.0015		**0.224**	0.2000	0	112.1	80	120	10/22/2024
Cobalt		0.0010		**0.525**	0.5000	0	105.0	80	120	10/22/2024
Lead		0.0010		**0.529**	0.5000	0	105.8	80	120	10/22/2024
Lithium	*	0.0030		**0.590**	0.5000	0	117.9	80	120	10/22/2024
Manganese		0.0020		**0.567**	0.5000	0	113.4	80	120	10/22/2024
Molybdenum		0.0015		**0.561**	0.5000	0	112.2	80	120	10/21/2024
Thallium		0.0020		**0.260**	0.2500	0	104.2	80	120	10/22/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24100001

Client Project: BAL-24Q4 **Report Date:** 06-Dec-24

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

Batch 229828 **SampType:** MS Units **mg/L**

SampID: 24100001-031BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Arsenic		0.0010		**0.531**	0.5000	0.0008367	106.0	75	125	10/19/2024
Beryllium		0.0010		**0.0587**	0.0500	0	117.4	75	125	10/19/2024
Cadmium		0.0010		**0.0563**	0.0500	0	112.7	75	125	10/21/2024
Chromium		0.0015		**0.194**	0.2000	0	96.8	75	125	10/19/2024
Cobalt		0.0010		**0.481**	0.5000	0.0009323	96.1	75	125	10/19/2024
Lead		0.0010		**0.499**	0.5000	0	99.8	75	125	10/19/2024
Molybdenum		0.0015		**0.445**	0.5000	0.003056	88.4	75	125	10/19/2024
Thallium		0.0020		**0.246**	0.2500	0	98.3	75	125	10/19/2024

Batch 229828 **SampType:** MSD Units **mg/L** RPD Limit **20**

SampID: 24100001-031BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Arsenic		0.0010		**0.527**	0.5000	0.0008367	105.2	0.5310	0.83	10/19/2024
Beryllium		0.0010		**0.0580**	0.0500	0	116.0	0.05868	1.14	10/19/2024
Cadmium		0.0010		**0.0568**	0.0500	0	113.6	0.05633	0.80	10/21/2024
Chromium		0.0015		**0.197**	0.2000	0	98.7	0.1936	1.89	10/19/2024
Cobalt		0.0010		**0.483**	0.5000	0.0009323	96.5	0.4813	0.42	10/19/2024
Lead		0.0010		**0.511**	0.5000	0	102.1	0.4992	2.27	10/19/2024
Molybdenum		0.0015		**0.454**	0.5000	0.003056	90.2	0.4452	1.94	10/19/2024
Thallium		0.0020		**0.253**	0.2500	0	101.3	0.2457	3.03	10/19/2024

Batch 229829 **SampType:** MBLK Units **mg/L**

SampID: MBLK-229829

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Arsenic		0.0010		**< 0.0010**	0.0004	0	0	-100	100	10/19/2024
Barium		0.0010		**< 0.0010**	0.0007	0	0	-100	100	10/19/2024
Beryllium		0.0010		**< 0.0010**	0.0002	0	0	-100	100	10/19/2024
Boron	*	0.0250		**< 0.0250**	0.0093	0	0	-100	100	10/21/2024
Cadmium		0.0010		**< 0.0010**	0.0001	0	0	-100	100	10/19/2024
Chromium		0.0015		**< 0.0015**	0.0007	0	0	-100	100	10/19/2024
Cobalt		0.0010		**< 0.0010**	0.0001	0	0	-100	100	10/19/2024
Lead		0.0010		**< 0.0010**	0.0006	0	0	-100	100	10/19/2024
Manganese		0.0020		**< 0.0020**	0.0008	0	0	-100	100	10/19/2024
Molybdenum		0.0015		**< 0.0015**	0.0006	0	0	-100	100	10/21/2024
Selenium		0.0010		**< 0.0010**	0.0006	0	0	-100	100	10/19/2024
Thallium		0.0020		**< 0.0020**	0.0010	0	0	-100	100	10/19/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24100001

Client Project: BAL-24Q4 **Report Date:** 06-Dec-24

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

Batch 229829 **SampType:** LCS Units **mg/L**

SampID: LCS-229829

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Cadmium		0.0010	S	**0.0586**	0.0500	0	117.2	85	115	10/21/2024
Cobalt		0.0010		**0.548**	0.5000	0	109.5	85	115	10/21/2024
Molybdenum		0.0015		**0.526**	0.5000	0	105.3	85	115	10/21/2024
Selenium		0.0010	S	**0.628**	0.5000	0	125.7	85	115	10/21/2024
Thallium		0.0020		**0.262**	0.2500	0	105.0	85	115	10/21/2024

Batch 229829 **SampType:** MS Units **mg/L**

SampID: 24100001-051BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Cadmium		0.0010		**0.0585**	0.0500	0	116.9	75	125	10/21/2024
Cobalt		0.0010		**0.539**	0.5000	0.0008436	107.6	75	125	10/21/2024
Molybdenum		0.0015		**0.546**	0.5000	0.0007502	109.1	75	125	10/21/2024
Selenium		0.0010		**0.610**	0.5000	0	122.0	75	125	10/21/2024
Thallium		0.0020		**0.274**	0.2500	0	109.5	75	125	10/21/2024

Batch 229829 **SampType:** MSD Units **mg/L** RPD Limit **20**

SampID: 24100001-051BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Cadmium		0.0010		**0.0580**	0.0500	0	116.0	0.05847	0.83	10/21/2024
Cobalt		0.0010		**0.524**	0.5000	0.0008436	104.6	0.5389	2.86	10/21/2024
Molybdenum		0.0015		**0.539**	0.5000	0.0007502	107.7	0.5463	1.31	10/21/2024
Selenium		0.0010		**0.598**	0.5000	0	119.7	0.6101	1.95	10/21/2024
Thallium		0.0020		**0.263**	0.2500	0	105.3	0.2738	3.98	10/21/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24100001

Client Project: BAL-24Q4 **Report Date:** 06-Dec-24

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

Batch 229864 **SampType:** MBLK Units **mg/L**

SampID: MBLK-229864

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	10/22/2024
Arsenic		0.0010		**< 0.0010**	0.0004	0	0	-100	100	10/19/2024
Barium		0.0010		**< 0.0010**	0.0007	0	0	-100	100	10/19/2024
Beryllium		0.0010		**< 0.0010**	0.0002	0	0	-100	100	10/19/2024
Boron		0.0250		**< 0.0250**	0.0093	0	0	-100	100	10/21/2024
Cadmium		0.0010		**< 0.0010**	0.0001	0	0	-100	100	10/19/2024
Chromium		0.0015		**< 0.0015**	0.0007	0	0	-100	100	10/19/2024
Cobalt		0.0010		**< 0.0010**	0.0001	0	0	-100	100	10/19/2024
Iron		0.0250		**< 0.0250**	0.0115	0	0	-100	100	10/19/2024
Lead		0.0010		**< 0.0010**	0.0006	0	0	-100	100	10/19/2024
Lithium	*	0.0030		**< 0.0030**	0.0015	0	0	-100	100	10/22/2024
Manganese		0.0020		**< 0.0020**	0.0008	0	0	-100	100	10/19/2024
Molybdenum		0.0015		**< 0.0015**	0.0006	0	0	-100	100	10/19/2024
Selenium		0.0010		**< 0.0010**	0.0006	0	0	-100	100	10/19/2024
Thallium		0.0020		**< 0.0020**	0.0010	0	0	-100	100	10/19/2024

Batch 229864 **SampType:** LCS Units **mg/L**

SampID: LCS-229864

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		0.0010		**0.578**	0.5000	0	115.7	80	120	10/22/2024
Arsenic		0.0010		**0.510**	0.5000	0	102.0	80	120	10/19/2024
Barium		0.0010		**2.26**	2.000	0	112.8	80	120	10/19/2024
Beryllium		0.0010		**0.0526**	0.0500	0	105.2	80	120	10/19/2024
Boron		0.0250		**0.588**	0.5000	0	117.7	80	120	10/21/2024
Cadmium		0.0010		**0.0597**	0.0500	0	119.5	80	120	10/19/2024
Chromium		0.0015		**0.192**	0.2000	0	95.9	80	120	10/19/2024
Cobalt		0.0010		**0.485**	0.5000	0	97.1	80	120	10/19/2024
Iron		0.0250		**1.90**	2.000	0	95.2	80	120	10/19/2024
Lead		0.0010		**0.488**	0.5000	0	97.5	80	120	10/19/2024
Lithium	*	0.0030		**0.558**	0.5000	0	111.7	80	120	10/22/2024
Manganese		0.0020		**0.493**	0.5000	0	98.5	80	120	10/19/2024
Molybdenum		0.0015		**0.435**	0.5000	0	86.9	80	120	10/19/2024
Selenium		0.0010		**0.538**	0.5000	0	107.5	80	120	10/19/2024
Thallium		0.0020		**0.237**	0.2500	0	94.8	80	120	10/19/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24100001

Client Project: BAL-24Q4 **Report Date:** 06-Dec-24

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

Batch 229864 **SampType:** MS Units **mg/L**

SampID: 24100001-001CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Iron		0.0250		**2.04**	2.000	0.1519	94.4	75	125	10/19/2024
Manganese		0.0020		**0.661**	0.5000	0.1392	104.4	75	125	10/21/2024

Batch 229864 **SampType:** MSD Units **mg/L** RPD Limit **20**

SampID: 24100001-001CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Iron		0.0250		**2.03**	2.000	0.1519	94.0	2.040	0.35	10/19/2024
Manganese		0.0020		**0.673**	0.5000	0.1392	106.8	0.6610	1.82	10/21/2024

Batch 229864 **SampType:** MS Units **mg/L**

SampID: 24100001-015CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		0.0010		**0.572**	0.5000	0	114.5	75	125	10/22/2024
Arsenic		0.0010		**0.506**	0.5000	0.0005044	101.2	75	125	10/19/2024
Barium		0.0010		**2.23**	2.000	0.02370	110.3	75	125	10/19/2024
Beryllium		0.0010		**0.0544**	0.0500	0	108.8	75	125	10/19/2024
Boron		0.0250		**0.730**	0.5000	0.1862	108.7	75	125	10/21/2024
Cadmium		0.0010		**0.0580**	0.0500	0	116.1	75	125	10/19/2024
Chromium		0.0015		**0.189**	0.2000	0	94.5	75	125	10/19/2024
Cobalt		0.0010		**0.457**	0.5000	0.002426	90.9	75	125	10/19/2024
Iron		0.0250		**2.70**	2.000	0.7735	96.2	75	125	10/19/2024
Lead		0.0010		**0.492**	0.5000	0.0007697	98.2	75	125	10/19/2024
Lithium	*	0.0030		**0.560**	0.5000	0.01572	108.9	75	125	10/22/2024
Manganese		0.0020		**0.961**	0.5000	0.4215	107.9	75	125	10/21/2024
Molybdenum		0.0015		**0.432**	0.5000	0	86.4	75	125	10/19/2024
Selenium		0.0010		**0.515**	0.5000	0	103.0	75	125	10/19/2024
Thallium		0.0020		**0.243**	0.2500	0	97.0	75	125	10/19/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24100001

Client Project: BAL-24Q4 **Report Date:** 06-Dec-24

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

Batch 229864 **SampType:** MSD Units **mg/L** RPD Limit **20**

SampID: 24100001-015CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Antimony		0.0010		**0.585**	0.5000	0	117.1	0.5723	2.27	10/22/2024
Arsenic		0.0010		**0.519**	0.5000	0.0005044	103.7	0.5065	2.45	10/19/2024
Barium		0.0010		**2.22**	2.000	0.02370	110.0	2.229	0.21	10/19/2024
Beryllium		0.0010		**0.0550**	0.0500	0	110.0	0.05442	1.06	10/19/2024
Boron		0.0250		**0.750**	0.5000	0.1862	112.7	0.7295	2.72	10/21/2024
Cadmium		0.0010		**0.0585**	0.0500	0	117.0	0.05805	0.79	10/19/2024
Chromium		0.0015		**0.191**	0.2000	0	95.7	0.1890	1.27	10/19/2024
Cobalt		0.0010		**0.471**	0.5000	0.002426	93.8	0.4570	3.10	10/19/2024
Iron		0.0250		**2.76**	2.000	0.7735	99.2	2.698	2.20	10/19/2024
Lead		0.0010		**0.497**	0.5000	0.0007697	99.2	0.4918	1.04	10/19/2024
Lithium	*	0.0030		**0.569**	0.5000	0.01572	110.7	0.5600	1.62	10/22/2024
Manganese		0.0020		**0.970**	0.5000	0.4215	109.6	0.9612	0.88	10/21/2024
Molybdenum		0.0015		**0.446**	0.5000	0	89.2	0.4319	3.21	10/19/2024
Selenium		0.0010		**0.526**	0.5000	0	105.3	0.5151	2.18	10/19/2024
Thallium		0.0020		**0.242**	0.2500	0	96.8	0.2426	0.26	10/19/2024

Batch 229922 **SampType:** MBLK Units **mg/L**

SampID: MBLK-229922

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	10/21/2024
Arsenic		0.0010		**< 0.0010**	0.0004	0	0	-100	100	10/21/2024
Barium		0.0010		**< 0.0010**	0.0007	0	0	-100	100	10/21/2024
Beryllium		0.0010		**< 0.0010**	0.0002	0	0	-100	100	10/21/2024
Boron		0.0250		**< 0.0250**	0.0093	0	0	-100	100	10/21/2024
Cadmium		0.0010		**< 0.0010**	0.0001	0	0	-100	100	10/21/2024
Chromium		0.0015		**< 0.0015**	0.0007	0	0	-100	100	10/21/2024
Cobalt		0.0010		**< 0.0010**	0.0001	0	0	-100	100	10/21/2024
Iron		0.0250		**< 0.0250**	0.0115	0	0	-100	100	10/21/2024
Lead		0.0010		**< 0.0010**	0.0006	0	0	-100	100	10/21/2024
Lithium	*	0.0030		**< 0.0030**	0.0015	0	0	-100	100	10/21/2024
Manganese		0.0020		**< 0.0020**	0.0008	0	0	-100	100	10/22/2024
Molybdenum		0.0015		**< 0.0015**	0.0006	0	0	-100	100	10/21/2024
Selenium		0.0010		**< 0.0010**	0.0006	0	0	-100	100	10/21/2024
Thallium		0.0020		**< 0.0020**	0.0010	0	0	-100	100	10/21/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24100001

Client Project: BAL-24Q4 **Report Date:** 06-Dec-24

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

Batch 229922 **SampType:** LCS Units **mg/L**

SampID: LCS-229922

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		0.0010		**0.574**	0.5000	0	114.9	80	120	10/21/2024
Arsenic		0.0010		**0.537**	0.5000	0	107.5	80	120	10/21/2024
Barium		0.0010		**2.11**	2.000	0	105.3	80	120	10/21/2024
Beryllium		0.0010		**0.0512**	0.0500	0	102.3	80	120	10/21/2024
Boron		0.0250		**0.493**	0.5000	0	98.6	80	120	10/21/2024
Cadmium		0.0010		**0.0520**	0.0500	0	104.0	80	120	10/21/2024
Chromium		0.0015		**0.202**	0.2000	0	101.2	80	120	10/21/2024
Cobalt		0.0010		**0.503**	0.5000	0	100.6	80	120	10/21/2024
Iron		0.0250		**1.90**	2.000	0	94.9	80	120	10/21/2024
Lead		0.0010		**0.481**	0.5000	0	96.2	80	120	10/21/2024
Lithium	*	0.0030		**0.505**	0.5000	0	101.0	80	120	10/21/2024
Manganese		0.0020		**0.558**	0.5000	0	111.5	80	120	10/22/2024
Molybdenum		0.0015		**0.461**	0.5000	0	92.1	80	120	10/21/2024
Selenium		0.0010		**0.571**	0.5000	0	114.2	80	120	10/21/2024
Thallium		0.0020		**0.239**	0.2500	0	95.7	80	120	10/21/2024

Batch 229922 **SampType:** MS Units **mg/L**

SampID: 24100001-012BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		0.0010		**0.460**	0.5000	0.0007329	91.9	75	125	10/23/2024
Arsenic		0.0010		**0.533**	0.5000	0.01625	103.3	75	125	10/22/2024
Barium		0.0010		**2.60**	2.000	0.2474	117.4	75	125	10/22/2024
Beryllium		0.0010		**0.0521**	0.0500	0.001331	101.5	75	125	10/22/2024
Boron		0.0250	S	**4.43**	0.5000	4.225	40.2	75	125	10/22/2024
Cadmium		0.0010		**0.0553**	0.0500	0.0003260	109.9	75	125	10/22/2024
Chromium		0.0015		**0.245**	0.2000	0.04969	97.4	75	125	10/22/2024
Cobalt		0.0010		**0.502**	0.5000	0.01927	96.5	75	125	10/22/2024
Lead		0.0010		**0.507**	0.5000	0.01688	98.0	75	125	10/23/2024
Lithium	*	0.0030		**0.542**	0.5000	0.03620	101.1	75	125	10/22/2024
Molybdenum		0.0015		**0.496**	0.5000	0.004338	98.4	75	125	10/22/2024
Selenium		0.0010		**0.543**	0.5000	0.005309	107.5	75	125	10/22/2024
Thallium		0.0020		**0.245**	0.2500	0	97.8	75	125	10/22/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24100001

Client Project: BAL-24Q4 **Report Date:** 06-Dec-24

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

Batch 229922 **SampType:** MSD Units **mg/L** RPD Limit **20**

SampID: 24100001-012BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Antimony		0.0010		**0.451**	0.5000	0.0007329	90.1	0.4601	2.00	10/23/2024
Arsenic		0.0010		**0.548**	0.5000	0.01625	106.3	0.5326	2.84	10/22/2024
Barium		0.0010		**2.63**	2.000	0.2474	119.1	2.596	1.25	10/22/2024
Beryllium		0.0010		**0.0511**	0.0500	0.001331	99.5	0.05209	1.92	10/22/2024
Boron		0.0250	S	**4.42**	0.5000	4.225	39.7	4.426	0.06	10/22/2024
Cadmium		0.0010		**0.0554**	0.0500	0.0003260	110.2	0.05529	0.24	10/22/2024
Chromium		0.0015		**0.241**	0.2000	0.04969	95.9	0.2445	1.29	10/22/2024
Cobalt		0.0010		**0.520**	0.5000	0.01927	100.1	0.5019	3.51	10/22/2024
Lead		0.0010		**0.490**	0.5000	0.01688	94.6	0.5070	3.39	10/23/2024
Lithium	*	0.0030		**0.530**	0.5000	0.03620	98.7	0.5419	2.27	10/22/2024
Molybdenum		0.0015		**0.507**	0.5000	0.004338	100.5	0.4964	2.12	10/22/2024
Selenium		0.0010		**0.558**	0.5000	0.005309	110.5	0.5427	2.71	10/22/2024
Thallium		0.0020		**0.247**	0.2500	0	98.6	0.2446	0.83	10/22/2024

Batch 229922 **SampType:** MS Units **mg/L**

SampID: 24100001-052CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		0.0010		**0.595**	0.5000	0	118.9	75	125	10/23/2024
Arsenic		0.0010		**0.557**	0.5000	0	111.3	75	125	10/22/2024
Barium		0.0010		**2.48**	2.000	0	123.8	75	125	10/22/2024
Beryllium		0.0010		**0.0588**	0.0500	0	117.5	75	125	10/22/2024
Boron		0.0250		**0.571**	0.5000	0	114.2	75	125	10/22/2024
Cadmium		0.0010		**0.0559**	0.0500	0	111.9	75	125	10/22/2024
Chromium		0.0015		**0.223**	0.2000	0	111.5	75	125	10/22/2024
Cobalt		0.0010		**0.520**	0.5000	0	104.0	75	125	10/22/2024
Iron		0.0250		**2.11**	2.000	0	105.4	75	125	10/22/2024
Lead		0.0010		**0.556**	0.5000	0	111.3	75	125	10/22/2024
Lithium	*	0.0030		**0.586**	0.5000	0	117.2	75	125	10/22/2024
Manganese		0.0020		**0.543**	0.5000	0	108.5	75	125	10/22/2024
Molybdenum		0.0015		**0.499**	0.5000	0	99.8	75	125	10/22/2024
Selenium		0.0010		**0.593**	0.5000	0	118.5	75	125	10/22/2024
Thallium		0.0020		**0.255**	0.2500	0	102.1	75	125	10/22/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24100001

Client Project: BAL-24Q4 **Report Date:** 06-Dec-24

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

Batch 229922 **SampType:** MSD Units **mg/L** RPD Limit **20**

SampID: 24100001-052CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Antimony		0.0010		**0.609**	0.5000	0	121.9	0.5945	2.49	10/23/2024
Arsenic		0.0010		**0.566**	0.5000	0	113.2	0.5567	1.62	10/22/2024
Barium		0.0010		**2.48**	2.000	0	124.1	2.477	0.20	10/22/2024
Beryllium		0.0010		**0.0587**	0.0500	0	117.4	0.05877	0.09	10/22/2024
Boron		0.0250		**0.567**	0.5000	0	113.3	0.5711	0.77	10/22/2024
Cadmium		0.0010		**0.0564**	0.0500	0	112.8	0.05594	0.81	10/22/2024
Chromium		0.0015		**0.220**	0.2000	0	110.2	0.2230	1.15	10/22/2024
Cobalt		0.0010		**0.524**	0.5000	0	104.8	0.5199	0.78	10/22/2024
Iron		0.0250		**2.09**	2.000	0	104.5	2.107	0.80	10/22/2024
Lead		0.0010		**0.565**	0.5000	0	113.0	0.5563	1.57	10/22/2024
Lithium	*	0.0030		**0.581**	0.5000	0	116.2	0.5860	0.87	10/22/2024
Manganese		0.0020		**0.541**	0.5000	0	108.2	0.5426	0.31	10/22/2024
Molybdenum		0.0015		**0.507**	0.5000	0	101.4	0.4990	1.59	10/22/2024
Selenium		0.0010		**0.607**	0.5000	0	121.4	0.5925	2.40	10/22/2024
Thallium		0.0020		**0.260**	0.2500	0	104.1	0.2551	2.02	10/22/2024

Batch 230069 **SampType:** MBLK Units **mg/L**

SampID: MBLK-230069

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	10/29/2024
Arsenic		0.0010		**< 0.0010**	0.0004	0	0	-100	100	10/23/2024
Barium		0.0010		**< 0.0010**	0.0007	0	0	-100	100	10/23/2024
Beryllium		0.0010		**< 0.0010**	0.0002	0	0	-100	100	10/23/2024
Boron	*	0.0250		**< 0.0250**	0.0093	0	0	-100	100	10/23/2024
Chromium		0.0015		**< 0.0015**	0.0007	0	0	-100	100	10/23/2024
Iron	*	0.0250		**< 0.0250**	0.0115	0	0	-100	100	10/23/2024
Lead		0.0010		**< 0.0010**	0.0006	0	0	-100	100	10/23/2024
Lithium	*	0.0030		**< 0.0030**	0.0015	0	0	-100	100	10/23/2024
Manganese		0.0020		**< 0.0020**	0.0008	0	0	-100	100	10/23/2024
Selenium		0.0010		**< 0.0010**	0.0006	0	0	-100	100	10/23/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24100001

Client Project: BAL-24Q4 **Report Date:** 06-Dec-24

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

Batch 230069 **SampType:** LCS Units **mg/L**

SampID: LCS-230069

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		0.0010		**0.547**	0.5000	0	109.3	80	120	10/30/2024
Arsenic		0.0010		**0.561**	0.5000	0	112.2	85	115	10/23/2024
Barium		0.0010		**2.38**	2.000	0	118.8	80	120	10/25/2024
Beryllium		0.0010		**0.0556**	0.0500	0	111.2	85	115	10/23/2024
Boron	*	0.0250		**0.570**	0.5000	0	114.0	85	115	10/23/2024
Chromium		0.0015		**0.220**	0.2000	0	110.1	85	115	10/23/2024
Iron	*	0.0250		**2.05**	2.000	0	102.7	85	115	10/23/2024
Lead		0.0010	E	**0.542**	0.5000	0	108.4	85	115	10/23/2024
Lithium	*	0.0030		**0.560**	0.5000	0	112.0	85	115	10/23/2024
Manganese		0.0020		**0.528**	0.5000	0	105.5	85	115	10/23/2024
Selenium		0.0010		**0.560**	0.5000	0	112.1	80	120	10/25/2024
Selenium		0.0010	S	**0.605**	0.5000	0	121.1	85	115	10/23/2024

Batch 230069 **SampType:** MS Units **mg/L**

SampID: 24100001-031BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		0.0010	S	**0.639**	0.5000	0.0005775	127.8	75	125	10/29/2024
Barium		0.0010		**2.44**	2.000	0.07429	118.3	75	125	10/25/2024
Boron		0.0250		**0.875**	0.5000	0.3849	97.9	75	125	10/23/2024
Lithium	*	0.0030		**0.524**	0.5000	0.01879	100.9	75	125	10/23/2024
Selenium		0.0010		**0.571**	0.5000	0	114.3	75	125	10/23/2024

Batch 230069 **SampType:** MSD Units **mg/L** RPD Limit **20**

SampID: 24100001-031BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Antimony		0.0010	S	**0.641**	0.5000	0.0005775	128.0	0.6395	0.19	10/29/2024
Barium		0.0010		**2.40**	2.000	0.07429	116.1	2.440	1.85	10/25/2024
Boron		0.0250		**0.883**	0.5000	0.3849	99.6	0.8746	0.95	10/23/2024
Lithium	*	0.0030		**0.534**	0.5000	0.01879	103.1	0.5235	2.03	10/23/2024
Selenium		0.0010		**0.574**	0.5000	0	114.7	0.5714	0.37	10/23/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24100001

Client Project: BAL-24Q4 **Report Date:** 06-Dec-24

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

Batch 230069 **SampType:** MS Units **mg/L**

SampID: 24100001-051BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		0.0010		**0.614**	0.5000	0.0005575	122.6	75	125	10/30/2024
Arsenic		0.0010		**0.536**	0.5000	0	107.2	75	125	10/23/2024
Barium		0.0010		**2.35**	2.000	0.08384	113.1	75	125	10/25/2024
Beryllium		0.0010		**0.0543**	0.0500	0	108.5	75	125	10/23/2024
Boron		0.0250		**1.06**	0.5000	0.5219	108.1	75	125	10/23/2024
Chromium		0.0015		**0.208**	0.2000	0	103.8	75	125	10/23/2024
Lead		0.0010		**0.523**	0.5000	0	104.6	75	125	10/23/2024
Lithium	*	0.0030		**0.577**	0.5000	0.05676	104.1	75	125	10/23/2024

Batch 230069 **SampType:** MSD Units **mg/L** RPD Limit **20**

SampID: 24100001-051BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Antimony		0.0010		**0.606**	0.5000	0.0005575	121.0	0.6135	1.30	10/30/2024
Arsenic		0.0010		**0.528**	0.5000	0	105.6	0.5361	1.47	10/23/2024
Barium		0.0010		**2.34**	2.000	0.08384	112.9	2.345	0.16	10/25/2024
Beryllium		0.0010		**0.0534**	0.0500	0	106.9	0.05426	1.55	10/23/2024
Boron		0.0250		**1.04**	0.5000	0.5219	103.3	1.062	2.29	10/23/2024
Chromium		0.0015		**0.204**	0.2000	0	101.8	0.2077	1.95	10/23/2024
Lead		0.0010		**0.514**	0.5000	0	102.9	0.5228	1.63	10/23/2024
Lithium	*	0.0030		**0.566**	0.5000	0.05676	101.9	0.5772	1.92	10/23/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24100001

Client Project: BAL-24Q4 **Report Date:** 06-Dec-24

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

Batch 230147 **SampType:** MBLK Units **mg/L**

SampID: MBLK-230147

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	11/11/2024
Arsenic		0.0010		**< 0.0010**	0.0004	0	0	-100	100	10/31/2024
Barium		0.0010		**< 0.0010**	0.0007	0	0	-100	100	10/31/2024
Beryllium		0.0010		**< 0.0010**	0.0002	0	0	-100	100	10/31/2024
Boron		0.0250		**< 0.0250**	0.0093	0	0	-100	100	10/31/2024
Cadmium		0.0010		**< 0.0010**	0.0001	0	0	-100	100	10/31/2024
Chromium		0.0015		**< 0.0015**	0.0007	0	0	-100	100	10/31/2024
Cobalt		0.0010		**< 0.0010**	0.0001	0	0	-100	100	11/06/2024
Lead		0.0010		**< 0.0010**	0.0006	0	0	-100	100	10/31/2024
Lithium	*	0.0030		**< 0.0030**	0.0015	0	0	-100	100	10/31/2024
Molybdenum		0.0015		**< 0.0015**	0.0006	0	0	-100	100	10/31/2024
Selenium		0.0010		**< 0.0010**	0.0006	0	0	-100	100	10/31/2024
Thallium		0.0020		**< 0.0020**	0.0010	0	0	-100	100	10/31/2024

Batch 230147 **SampType:** LCS Units **mg/L**

SampID: LCS-230147

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		0.0010		**1.12**	1.000	0	112.5	80	120	11/08/2024
Arsenic		0.0010	S	**0.606**	0.5000	0	121.2	80	120	10/31/2024
Arsenic		0.0010		**0.561**	0.5000	0	112.1	80	120	11/06/2024
Arsenic		0.0010		**0.549**	0.5000	0	109.8	80	120	11/01/2024
Barium		0.0010		**1.87**	2.000	0	93.7	80	120	10/31/2024
Beryllium		0.0010		**0.0588**	0.0500	0	117.5	80	120	10/31/2024
Boron		0.0250		**0.576**	0.5000	0	115.1	80	120	10/31/2024
Cadmium		0.0010		**0.0530**	0.0500	0	106.0	80	120	10/31/2024
Chromium		0.0015		**0.240**	0.2000	0	119.8	80	120	10/31/2024
Lead		0.0010		**0.573**	0.5000	0	114.7	80	120	10/31/2024
Lithium	*	0.0030		**0.569**	0.5000	0	113.7	80	120	10/31/2024
Molybdenum		0.0015		**0.402**	0.5000	0	80.4	80	120	10/31/2024
Selenium		0.0010	S	**0.650**	0.5000	0	130.0	80	120	10/31/2024
Selenium		0.0010		**0.578**	0.5000	0	115.7	80	120	11/06/2024
Selenium		0.0010		**0.587**	0.5000	0	117.3	80	120	11/01/2024
Thallium		0.0020		**0.266**	0.2500	0	106.4	80	120	10/31/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24100001

Client Project: BAL-24Q4 **Report Date:** 06-Dec-24

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

Batch 230147 **SampType:** MS Units **mg/L**

SampID: 24100635-001BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		0.0010		**0.768**	1.000	0	76.8	75	125	11/11/2024
Arsenic		0.0010		**0.598**	0.5000	0.0006627	119.4	75	125	10/31/2024
Barium		0.0010		**2.20**	2.000	0.2083	99.5	75	125	10/31/2024
Beryllium		0.0010		**0.0606**	0.0500	0	121.3	75	125	10/31/2024
Boron		0.0250		**0.617**	0.5000	0.02260	118.8	75	125	10/31/2024
Cadmium		0.0010		**0.0579**	0.0500	0	115.8	75	125	10/31/2024
Chromium		0.0015		**0.237**	0.2000	0.002547	117.3	75	125	11/06/2024
Cobalt		0.0010		**0.588**	0.5000	0.001146	117.4	75	125	11/06/2024
Lead		0.0010		**0.573**	0.5000	0.0007377	114.4	75	125	10/31/2024
Lithium	*	0.0030		**0.595**	0.5000	0.001819	118.7	75	125	10/31/2024
Molybdenum		0.0015		**0.479**	0.5000	0.0007221	95.6	75	125	10/31/2024
Thallium		0.0020		**0.264**	0.2500	0	105.6	75	125	10/31/2024

Batch 230147 **SampType:** MSD Units **mg/L** RPD Limit **20**

SampID: 24100635-001BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Antimony		0.0010		**0.756**	1.000	0	75.6	0.7677	1.51	11/11/2024
Arsenic		0.0010		**0.601**	0.5000	0.0006627	120.1	0.5979	0.58	10/31/2024
Barium		0.0010		**2.16**	2.000	0.2083	97.7	2.198	1.61	10/31/2024
Beryllium		0.0010		**0.0605**	0.0500	0	121.1	0.06064	0.18	10/31/2024
Boron		0.0250		**0.615**	0.5000	0.02260	118.5	0.6165	0.21	10/31/2024
Cadmium		0.0010		**0.0545**	0.0500	0	109.0	0.05790	6.03	10/31/2024
Chromium		0.0015		**0.240**	0.2000	0.002547	118.6	0.2371	1.09	11/06/2024
Cobalt		0.0010		**0.607**	0.5000	0.001146	121.1	0.5880	3.11	11/06/2024
Lead		0.0010		**0.578**	0.5000	0.0007377	115.4	0.5726	0.92	10/31/2024
Lithium	*	0.0030		**0.591**	0.5000	0.001819	117.8	0.5954	0.81	10/31/2024
Molybdenum		0.0015		**0.509**	0.5000	0.0007221	101.6	0.4789	6.03	10/31/2024
Thallium		0.0020		**0.267**	0.2500	0	106.9	0.2639	1.30	10/31/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24100001

Client Project: BAL-24Q4 **Report Date:** 06-Dec-24

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

Batch 230147 **SampType:** MS Units **mg/L**

SampID: 24100635-005BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		0.0010		**0.777**	1.000	0.0005124	77.7	75	125	11/12/2024
Arsenic		0.0010		**0.561**	0.5000	0.003115	111.5	75	125	11/01/2024
Barium		0.0010		**1.85**	2.000	0.05189	90.0	75	125	10/31/2024
Beryllium		0.0010		**0.0582**	0.0500	0.0004307	115.6	75	125	10/31/2024
Boron		0.0250		**3.81**	0.5000	3.335	95.2	75	125	10/31/2024
Cadmium		0.0010		**0.0525**	0.0500	0	105.0	75	125	10/31/2024
Chromium		0.0015		**0.238**	0.2000	0.01432	112.1	75	125	11/06/2024
Cobalt		0.0010		**0.568**	0.5000	0.003288	112.9	75	125	11/06/2024
Lead		0.0010		**0.570**	0.5000	0.004045	113.2	75	125	10/31/2024
Lithium	*	0.0030		**0.572**	0.5000	0.007794	112.9	75	125	10/31/2024
Molybdenum		0.0015		**0.461**	0.5000	0.0009294	92.1	75	125	10/31/2024
Selenium		0.0010		**0.585**	0.5000	0	117.1	75	125	10/31/2024
Thallium		0.0020		**0.263**	0.2500	0	105.2	75	125	10/31/2024

Batch 230147 **SampType:** MSD Units **mg/L** RPD Limit **20**

SampID: 24100635-005BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Antimony		0.0010		**0.796**	1.000	0.0005124	79.6	0.7772	2.43	11/12/2024
Arsenic		0.0010		**0.559**	0.5000	0.003115	111.2	0.5606	0.23	11/01/2024
Barium		0.0010		**1.97**	2.000	0.05189	95.9	1.852	6.13	10/31/2024
Beryllium		0.0010		**0.0593**	0.0500	0.0004307	117.7	0.05822	1.78	10/31/2024
Boron		0.0250		**3.86**	0.5000	3.335	105.6	3.811	1.37	10/31/2024
Cadmium		0.0010		**0.0553**	0.0500	0	110.7	0.05250	5.24	10/31/2024
Chromium		0.0015		**0.247**	0.2000	0.01432	116.3	0.2385	3.50	11/06/2024
Cobalt		0.0010		**0.584**	0.5000	0.003288	116.2	0.5676	2.91	11/06/2024
Lead		0.0010		**0.587**	0.5000	0.004045	116.6	0.5702	2.95	10/31/2024
Lithium	*	0.0030		**0.578**	0.5000	0.007794	114.1	0.5723	1.07	10/31/2024
Molybdenum		0.0015		**0.421**	0.5000	0.0009294	83.9	0.4614	9.25	10/31/2024
Selenium		0.0010		**0.617**	0.5000	0	123.4	0.5853	5.25	10/31/2024
Thallium		0.0020		**0.265**	0.2500	0	106.1	0.2630	0.84	10/31/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24100001

Client Project: BAL-24Q4 **Report Date:** 06-Dec-24

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

Batch 230648 **SampType:** MBLK Units **mg/L**

SampID: MBLK-230648

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Arsenic		0.0010		**< 0.0010**	0.0004	0	0	-100	100	11/05/2024
Arsenic		0.0010		**< 0.0010**	0.0004	0	0	-100	100	11/13/2024
Barium		0.0010		**< 0.0010**	0.0007	0	0	-100	100	11/13/2024
Barium		0.0010		**< 0.0010**	0.0007	0	0	-100	100	11/13/2024
Beryllium		0.0010		**< 0.0010**	0.0002	0	0	-100	100	11/13/2024
Boron	*	0.0250		**< 0.0250**	0.0093	0	0	-100	100	11/13/2024
Cadmium		0.0010		**< 0.0010**	0.0001	0	0	-100	100	11/05/2024
Cadmium		0.0010		**< 0.0010**	0.0001	0	0	-100	100	11/13/2024
Chromium		0.0015		**< 0.0015**	0.0007	0	0	-100	100	11/13/2024
Cobalt		0.0010		**< 0.0010**	0.0001	0	0	-100	100	11/13/2024
Lead		0.0010		**< 0.0010**	0.0006	0	0	-100	100	11/09/2024
Lead		0.0010		**< 0.0010**	0.0006	0	0	-100	100	11/05/2024
Lithium	*	0.0030		**< 0.0030**	0.0015	0	0	-100	100	11/13/2024
Molybdenum		0.0015		**< 0.0015**	0.0006	0	0	-100	100	11/13/2024
Selenium		0.0010		**< 0.0010**	0.0006	0	0	-100	100	11/13/2024
Thallium		0.0020		**< 0.0020**	0.0010	0	0	-100	100	11/09/2024

Batch 230648 **SampType:** LCS Units **mg/L**

SampID: LCS-230648

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Arsenic		0.0010		**1.05**	1.000	0	105.2	85	115	11/05/2024
Arsenic		0.0010		**1.05**	1.000	0	105.4	85	115	11/13/2024
Barium		0.0020		**4.74**	4.000	0	118.6	80	120	11/13/2024
Beryllium		0.0010		**0.104**	0.1000	0	103.6	85	115	11/13/2024
Boron	*	0.0250		**0.978**	1.000	0	97.8	85	115	11/13/2024
Cadmium		0.0010		**0.108**	0.1000	0	107.7	85	115	11/05/2024
Cadmium		0.0010		**0.103**	0.1000	0	102.9	85	115	11/13/2024
Chromium		0.0015		**0.425**	0.4000	0	106.2	85	115	11/13/2024
Cobalt		0.0010		**0.879**	1.000	0	87.9	85	115	11/13/2024
Lead		0.0010	E	**1.03**	1.000	0	103.1	85	115	11/05/2024
Lithium	*	0.0030		**1.06**	1.000	0	105.7	80	120	11/13/2024
Molybdenum		0.0015		**1.14**	1.000	0	113.9	80	120	11/13/2024
Selenium		0.0010		**1.02**	1.000	0	102.3	85	115	11/13/2024
Thallium		0.0020		**0.512**	0.5000	0	102.3	85	115	11/13/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24100001

Client Project: BAL-24Q4 **Report Date:** 06-Dec-24

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

Batch 230648 **SampType:** MS Units **mg/L**

SampID: 24100001-014BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Arsenic		0.0010		**1.12**	1.000	0.0008266	112.0	75	125	11/12/2024
Beryllium		0.0010		**0.118**	0.1000	0	117.8	75	125	11/12/2024
Boron		0.0250		**1.17**	1.000	0.009906	115.7	75	125	11/12/2024
Cadmium		0.0010		**0.115**	0.1000	0.0001852	114.5	75	125	11/12/2024
Chromium		0.0015		**0.405**	0.4000	0.002346	100.8	75	125	11/13/2024
Cobalt		0.0010		**0.912**	1.000	0.001498	91.0	75	125	11/12/2024
Lead		0.0010		**1.10**	1.000	0	110.0	75	125	11/09/2024
Lithium	*	0.0030		**1.06**	1.000	0.006638	105.3	75	125	11/13/2024
Molybdenum		0.0015		**1.17**	1.000	0.005940	116.7	75	125	11/13/2024
Selenium		0.0010		**1.10**	1.000	0.0007882	109.6	75	125	11/12/2024
Thallium		0.0020		**0.537**	0.5000	0	107.5	75	125	11/09/2024

Batch 230648 **SampType:** MSD Units **mg/L** RPD Limit **20**

SampID: 24100001-014BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Arsenic		0.0010		**1.10**	1.000	0.0008266	110.1	1.121	1.74	11/12/2024
Beryllium		0.0010		**0.114**	0.1000	0	114.3	0.1178	3.02	11/12/2024
Boron		0.0250		**1.13**	1.000	0.009906	112.2	1.167	3.06	11/12/2024
Cadmium		0.0010		**0.110**	0.1000	0.0001852	109.8	0.1147	4.17	11/12/2024
Chromium		0.0015		**0.404**	0.4000	0.002346	100.5	0.4055	0.26	11/13/2024
Cobalt		0.0010		**0.900**	1.000	0.001498	89.9	0.9115	1.26	11/12/2024
Lead		0.0010		**1.08**	1.000	0	108.3	1.100	1.53	11/09/2024
Lithium	*	0.0030		**1.05**	1.000	0.006638	104.5	1.059	0.73	11/13/2024
Molybdenum		0.0015		**1.16**	1.000	0.005940	115.3	1.173	1.25	11/13/2024
Selenium		0.0010		**1.07**	1.000	0.0007882	107.1	1.096	2.26	11/12/2024
Thallium		0.0020		**0.528**	0.5000	0	105.6	0.5373	1.72	11/09/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24100001

Client Project: BAL-24Q4 **Report Date:** 06-Dec-24

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

Batch 230648 **SampType:** MS Units **mg/L**

SampID: 24100001-022BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Arsenic		0.0010		**1.10**	1.000	0.003658	110.1	75	125	11/12/2024
Beryllium		0.0010		**0.113**	0.1000	0.0005454	112.9	75	125	11/12/2024
Boron		0.0250		**2.06**	1.000	0.9447	111.9	75	125	11/12/2024
Cadmium		0.0010		**0.104**	0.1000	0.0002374	103.6	75	125	11/12/2024
Chromium		0.0015		**0.473**	0.4000	0.02670	111.6	75	125	11/12/2024
Cobalt		0.0010		**0.899**	1.000	0.003790	89.5	75	125	11/12/2024
Lead		0.0010		**1.13**	1.000	0.001916	113.2	75	125	11/09/2024
Lithium	*	0.0030		**1.07**	1.000	0.02243	104.6	75	125	11/13/2024
Molybdenum		0.0015	E	**1.27**	1.000	0.1420	112.8	75	125	11/13/2024
Selenium		0.0010		**1.04**	1.000	0.003275	103.3	75	125	11/12/2024
Thallium		0.0020		**0.545**	0.5000	0	109.1	75	125	11/09/2024

Batch 230648 **SampType:** MSD Units **mg/L** RPD Limit **20**

SampID: 24100001-022BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Arsenic		0.0010		**1.12**	1.000	0.003658	111.6	1.104	1.43	11/13/2024
Beryllium		0.0010		**0.110**	0.1000	0.0005454	109.1	0.1134	3.37	11/13/2024
Boron		0.0250		**2.01**	1.000	0.9447	106.2	2.064	2.80	11/13/2024
Cadmium		0.0010		**0.106**	0.1000	0.0002374	105.4	0.1038	1.78	11/13/2024
Chromium		0.0015		**0.470**	0.4000	0.02670	110.7	0.4731	0.75	11/13/2024
Cobalt		0.0010		**0.905**	1.000	0.003790	90.1	0.8991	0.67	11/13/2024
Lead		0.0010		**1.11**	1.000	0.001916	110.5	1.134	2.39	11/09/2024
Lithium	*	0.0030		**1.09**	1.000	0.02243	107.2	1.069	2.36	11/13/2024
Molybdenum		0.0015	E	**1.37**	1.000	0.1420	122.8	1.270	7.51	11/13/2024
Selenium		0.0010		**1.04**	1.000	0.003275	104.0	1.036	0.65	11/13/2024
Thallium		0.0020		**0.534**	0.5000	0	106.8	0.5453	2.11	11/09/2024

Batch 231150 **SampType:** MBLK Units **mg/L**

SampID: MBLK-231150

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	11/15/2024
Arsenic		0.0010		**< 0.0010**	0.0004	0	0	-100	100	11/14/2024
Barium		0.0010		**< 0.0010**	0.0007	0	0	-100	100	11/14/2024
Boron		0.0250		**< 0.0250**	0.0093	0	0	-100	100	11/14/2024
Cobalt		0.0010		**< 0.0010**	0.0001	0	0	-100	100	11/14/2024
Iron		0.0250		**< 0.0250**	0.0115	0	0	-100	100	11/14/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24100001

Client Project: BAL-24Q4 **Report Date:** 06-Dec-24

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

Batch 231150 **SampType:** LCS Units **mg/L**
SampID: LCS-231150

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		0.0010		**1.19**	1.000	0	119.2	80	120	11/15/2024
Arsenic		0.0010		**1.04**	1.000	0	103.7	80	120	11/14/2024
Barium		0.0010		**4.77**	4.000	0	119.3	80	120	11/14/2024
Boron		0.0250		**1.09**	1.000	0	108.7	80	120	11/14/2024
Cobalt		0.0010		**1.15**	1.000	0	115.0	80	120	11/14/2024
Iron		0.0250		**4.04**	4.000	0	101.0	80	120	11/14/2024

Batch 231150 **SampType:** MS Units **mg/L**
SampID: 24100001-014BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		0.0010	SE	**1.38**	1.000	0	138.1	75	125	11/15/2024
Barium		0.0010		**4.76**	4.000	0.1666	114.7	75	125	11/14/2024

Batch 231150 **SampType:** MSD Units **mg/L** RPD Limit **20**
SampID: 24100001-014BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Antimony		0.0010	SE	**1.41**	1.000	0	140.9	1.381	1.95	11/15/2024
Barium		0.0010		**4.80**	4.000	0.1666	115.8	4.756	0.88	11/14/2024

Batch 231150 **SampType:** MS Units **mg/L**
SampID: 24100001-022BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		0.0010		**0.912**	1.000	0.003322	90.9	75	125	11/15/2024
Barium		0.0010		**4.68**	4.000	0.1666	112.8	75	125	11/14/2024

Batch 231150 **SampType:** MSD Units **mg/L** RPD Limit **20**
SampID: 24100001-022BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Antimony		0.0010		**0.894**	1.000	0.003322	89.1	0.9122	1.99	11/15/2024
Barium		0.0010		**4.71**	4.000	0.1666	113.7	4.680	0.73	11/14/2024

SW-846 7470A (TOTAL)

Batch 229867 **SampType:** MBLK Units **mg/L**
SampID: MBLK-229867

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	10/18/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24100001

Client Project: BAL-24Q4 **Report Date:** 06-Dec-24

SW-846 7470A (TOTAL)

Batch 229867 **SampType:** LCS Units **mg/L**
SampID: LCS-229867

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.00020		**0.00491**	0.0050	0	98.2	85	115	10/18/2024

Batch 229867 **SampType:** MS Units **mg/L**
SampID: 24100001-006CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.00020		**0.00542**	0.0050	0	108.4	75	125	10/18/2024

Batch 229867 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24100001-006CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury		0.00020		**0.00526**	0.0050	0	105.3	0.005418	2.88	10/18/2024

Batch 229867 **SampType:** MS Units **mg/L**
SampID: 24100001-030BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.00020		**0.00453**	0.0050	0	90.6	75	125	10/18/2024

Batch 229867 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24100001-030BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury		0.00020		**0.00445**	0.0050	0	88.9	0.004529	1.84	10/18/2024

Batch 229870 **SampType:** MBLK Units **mg/L**
SampID: MBLK-229870

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	10/18/2024

Batch 229870 **SampType:** LCS Units **mg/L**
SampID: LCS-229870

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.00020		**0.00473**	0.0050	0	94.6	85	115	10/18/2024

Batch 229870 **SampType:** MS Units **mg/L**
SampID: 24100001-051BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.00020		**0.00486**	0.0050	0	97.3	75	125	10/18/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24100001

Client Project: BAL-24Q4 **Report Date:** 06-Dec-24

SW-846 7470A (TOTAL)

Batch 229870 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24100001-051BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury		0.00020		**0.00478**	0.0050	0	95.6	0.004865	1.76	10/18/2024

Batch 229870 **SampType:** MS Units **mg/L**
SampID: 24101395-003BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.00020		**0.00469**	0.0050	0	93.8	75	125	10/18/2024

Batch 229870 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24101395-003BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury		0.00020		**0.00448**	0.0050	0	89.5	0.004688	4.60	10/18/2024

Batch 229905 **SampType:** MBLK Units **mg/L**
SampID: MBLK-229905

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	10/21/2024

Batch 229905 **SampType:** LCS Units **mg/L**
SampID: LCS-229905

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.00020		**0.00480**	0.0050	0	96.0	85	115	10/21/2024

Batch 229905 **SampType:** MS Units **mg/L**
SampID: 24100001-013BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.00020		**0.00542**	0.0050	0	108.4	75	125	10/22/2024

Batch 229905 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24100001-013BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury		0.00020		**0.00536**	0.0050	0	107.3	0.005418	1.00	10/22/2024

Batch 230651 **SampType:** MBLK Units **mg/L**
SampID: MBLK-230651

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	11/05/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24100001

Client Project: BAL-24Q4 **Report Date:** 06-Dec-24

SW-846 7470A (TOTAL)

Batch 230651 **SampType:** LCS Units **mg/L**
SampID: LCS-230651

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.00020		**0.00454**	0.0050	0	90.8	85	115	11/05/2024

Batch 230651 **SampType:** MS Units **mg/L**
SampID: 24100001-014BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.00020		**0.00471**	0.0050	0	94.2	75	125	11/05/2024

Batch 230651 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24100001-014BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury		0.00020		**0.00481**	0.0050	0	96.1	0.004712	1.96	11/05/2024

Batch 230651 **SampType:** MS Units **mg/L**
SampID: 24110123-005BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.00020		**0.00437**	0.0050	0	87.4	75	125	11/05/2024

Batch 230651 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24110123-005BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury		0.00020		**0.00451**	0.0050	0	90.2	0.004372	3.17	11/05/2024

Teklab, Inc. Environmental Laboratory

Receiving Check List

Client: Ramboll
Work Order: 24100001
Client Project: BAL-24Q4
Report Date: 06-Dec-24

Carrier: Justin Colp
Received By: LEH

Completed by: Laura E Henson
On: 14-Oct-24

Reviewed by: Ellie Hopkins
On: 04-Nov-24

Pages to follow: Chain of custody 18 Extra pages included 0

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐	Temp °C 12.1
Type of thermal preservation?	None ☐	Ice ☑	Blue Ice ☐	Dry Ice ☐
Chain of custody present?	Yes ☑	No ☐		
Chain of custody signed when relinquished and received?	Yes ☑	No ☐		
Chain of custody agrees with sample labels?	Yes ☑	No ☐		
Samples in proper container/bottle?	Yes ☑	No ☐		
Sample containers intact?	Yes ☑	No ☐		
Sufficient sample volume for indicated test?	Yes ☑	No ☐		
All samples received within holding time?	Yes ☑	No ☐		
Reported field parameters measured:	Field ☑	Lab ☐	NA ☐	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐		
When thermal preservation is required, samples are compliant with a temperature between 0.1°C - 6.0°C, or when samples are received on ice the same day as collected.				
Water – at least one vial per sample has zero headspace?	Yes ☐	No ☐	No VOA vials ☑	
Water - TOX containers have zero headspace?	Yes ☐	No ☐	No TOX containers ☑	
Water - pH acceptable upon receipt?	Yes ☐	No ☑	NA ☐	
NPDES/CWA TCN interferences checked/treated in the field?	Yes ☐	No ☐	NA ☑	

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

pH strip #96651. - lhenson - 10/14/2024 4:12:25 PM

Additional nitric acid (9964) was needed in MW383, MW384, and PZ170 upon arrival at the laboratory. - lhenson - 10/14/2024 4:12:28 PM

Samples were received on 10/15/24 at 4:48 PM on ice 8.1C LTG #5. pH strip 99651. Additional nitric acid (99964) was needed in MW393 and MW394 upon arrival at the laboratory. - lhenson - 10/16/2024 8:45:27 AM

Samples were received on 10/16/24 at 1615 on ice [11.9C - LTG#5]. Additional Nitric Acid (99964) was needed upon arrival at the laboratory for MW304 and MW304 Dup. pH strip #96651. - amberdilallo - 10/17/2024 8:39:16 AM

Samples were received on 10/17/24 at 3:12pm on ice [9.9C - LTG9]. ph strip #99651. - lhenson - 10/17/2024 5:03:17 PM

Samples were filtered and preserved with nitric acid (99964) and left unpreserved for the dissolved parameters upon arrival at the laboratory for sample Field Blank and Equipment Blank1. - lhenson - 10/18/2024 12:26:35 PM

Samples were received on 11/1/24 at 1324 on ice [1.3C - LTG#5]. Additional Nitric Acid (99964) was needed upon arrival at the laboratory for MW358R. pH strip #96651. Date changes per Brett Gillihan. - JD/amberdilallo - 11/1/2024 11:52:44 AM

CHAIN-OF-CUSTODY / Analytical Request Document

24100001

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

Page: 1 of 4

Section A Required Client Information:

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

Section B Required Project Information:

Report To:	Brian Voelker
Copy To:	Sam Davies: samantha.davies@vistracorp.com
	Kim Edmiaston 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

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) 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		24100001-001
2	MW-104SR	WT	G				4	2		2												X		24100001-002
3	MW-150	WT	G				4	2		2								X		X		X		24100001-003
4	MW-151	WT	G				4	2		2								X		X		X		24100001-004
5	MW-152	WT	G				4	2		2								X		X		X		24100001-005
6	MW-153	WT	G				4	2		2								X		X		X		24100001-006
7	MW-154	WT	G	10-14-24	DRY		4	2		2												X		24100001-007
8	MW-155	WT	G	10-14-24	1032		4	2		2												X		24100001-008
9	MW-192	WT	G				2	1		1							X		X					24100001-009
10	MW-193	WT	G				2	1		1							X		X					24100001-010
11	MW-195	WT	G				3	1		2											X			24100001-011
12	MW-196	WT	G				3	1		2											X			24100001-012
13	MW-197	WT	G				3	1		2											X			24100001-013
14	MW-198	WT	G				3	1		2											X			24100001-014
15	MW-252	WT	G				4	2		2								X		X		X		24100001-015
16	MW-253R	WT	G				4	2		2								X		X		X		24100001-016

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
BAL-24Q4 Rev 1	J. Colp	10-14	1540		10/14	1540		Y	N	
MW-195 : collect but hold all analyses pending instruction from Ramboll							12.1	Y		

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 Colp

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 10-14-24

Added HNO3 (99964) to Samples LTG 10
MW383, MW384, P2170
PH 96651

JD 10/14/24

CHAIN-OF-CUSTODY / Analytical Request Document

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

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company:	Vistra Corp-Baldwin	Report To:	Brian Voelker	Attention:	Brian Voelker
Address:	10901 Baldwin Road	Copy To:	Sam Davies: samantha.davies@vistracorp.com	Company Name:	Vistra Corp
	Baldwin, IL 62217		Kim Edmiaston Kimberly.Edmiaston@vistracorp.com	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

ITEM #	SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	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-304	WT	G				4	2		2							X	X	X	X	X	X		24100001-017
2	MW-350R	WT	G				4	2		2								X		X		X		24100001-018
3	MW-352	WT	G				3	1		2								X		X		X		24100001-019
4	MW-355	WT	G				4	2		2												X		24100001-020
5	MW-356	WT	G				2	1		1							X		X					24100001-021
6	MW-358R	WT	G				3	1		2							X	X	X	X	X			24100001-022
7	MW-366	WT	G				2	1		1								X		X				24100001-023
8	MW-369	WT	G				2	1		1							X		X					24100001-024
9	MW-370	WT	G				2	1		1							X		X					24100001-025
10	MW-375	WT	G				2	1		1								X		X				24100001-026
11	MW-377	WT	G				2	1		1								X		X				24100001-027
12	MW-382	WT	G	~~10-14-24~~	~~1416~~ TF		2	1		1							X		X					24100001-028
13	MW-383	WT	G	10-14-24	1341		2	1		1								X		X				24100001-029
14	MW-384	WT	G	10-14-24	1411		2	1		1								X		X				24100001-030
15	MW-390	WT	G				2	1		1								X		X				24100001-031
16	MW-391R	WT	G				2	1		1								X		X				24100001-032

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
BAL-24Q4 Rev 1	J. Colp	10-14	1540		10/14	1540		Y	N	
							12.1	Y		

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

sper Justin Colp. 0rm 10/14/24

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Justin Colp

SIGNATURE of SAMPLER: Justin Colp DATE Signed (MM/DD/YY): 10-14-24

LTG 10

CHAIN-OF-CUSTODY / Analytical Request Document

24100001

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:	Sam Davies: samantha.davies@vistracorp.com	Company Name:	Vistra Corp
	Baldwin, IL 62217		Kim Edmiaston Kimberly.Edmiaston@vistracorp.com	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-392	WT	G				2	1		1							X		X					24100001-033
2	MW-393	WT	G				2	1		1							X		X					24100001-034
3	MW-394	WT	G				2	1		1							X		X					24100001-035
4	OW-156	WT	G				0															X		24100001-036
5	OW-157	WT	G				0															X		24100001-037
6	OW-256	WT	G				2	1		1							X		X					24100001-038
7	OW-257	WT	G	10-14-24	1306		2	1		1							X		X					24100001-039
8	PZ-170	WT	G	10-14-24	1144		2	1		1							X		X					24100001-040
9	PZ-174	WT	G				3	1		2											X			24100001-041
10	PZ-176	WT	G				3	1		2											X			24100001-042
11	PZ-178	WT	G				3	1		2											X			24100001-043
12	PZ-182	WT	G				2	1		1							X		X					24100001-044
13	TPZ-164	WT	G				2	1		1							X		X					24100001-045
14	XPW01	WT	G				2	1		1							X		X					24100001-046
15	XPW05	WT	G				2	1		1							X		X					24100001-047
16	XPW06	WT	G				2	1		1							X		X					24100001-048

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS	Y	N	
BAL-24Q4 Rev 1	J. Colp	10/14	1540		10/14	1540				
							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 Colp

SIGNATURE of SAMPLER: Justin Colp DATE Signed (MM/DD/YY): 10-14-24

24100001

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: Sam Davies: samantha.davies@vistracorp.com	Company Name: Vistra Corp
Baldwin, IL 62217	Kim Edmiaston Kimberly.Edmiaston@vistracorp.com	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-104DR	WT	G				4	2		2												X		24100001-001
2	MW-104SR	WT	G				4	2		2												X		24100001-002
3	MW-150	WT	G	10-15-24	1228		4	2		2								X		X		X		24100001-003
4	MW-151	WT	G				4	2		2								X		X		X		24100001-004
5	MW-152	WT	G				4	2		2								X		X		X		24100001-005
6	MW-153	WT	G				4	2		2								X		X		X		24100001-006
7	MW-154	WT	G				4	2		2												X		24100001-007
8	MW-155	WT	G				4	2		2												X		24100001-008
9	MW-192	WT	G	10-15-24	1058		2	1		1							X		X					24100001-009
10	MW-193	WT	G	10-15-24	0954		2	1		1							X		X					24100001-010
11	MW-195	WT	G				3	1		2											X			24100001-011
12	MW-196	WT	G				3	1		2											X			24100001-012
13	MW-197	WT	G				3	1		2											X			24100001-013
14	MW-198	WT	G				3	1		2											X			24100001-014
15	MW-252	WT	G				4	2		2								X		X		X		24100001-015
16	MW-253R	WT	G				4	2		2								X		X		X		24100001-016

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
BAL-24Q4 Rev 1	J. Colp	10-15	1648	Amber DiSalle	10/15/24	1648	8.1 #5	Y	N	
MW-195 : collect but hold all analyses pending instruction from Ramboll										

SAMPLER NAME AND SIGNATURE			Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER:	Justin Colp					
SIGNATURE of SAMPLER:	Justin Colp	DATE Signed (MM/DD/YY): 10-15-24				

added HNO_3 (99964) to MW393 and MW394 PHN 96657
LH 12/16/24

CHAIN-OF-CUSTODY / Analytical Request Document

24100001

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:	Sam Davies: samantha.davies@vistracorp.com	Company Name:	Vistra Corp
	Baldwin, IL 62217		Kim Edmiaston Kimberly.Edmiaston@vistracorp.com	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

ITEM #	SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	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) 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-304	WT	G				4	2		2							X	X	X	X	X	X		24100001-017
2	MW-350R	WT	G	10-15-24	1252		4	2		2								X		X		X		24100001-018
3	MW-352	WT	G				3	1		2								X		X		X		24100001-019
4	MW-355	WT	G				4	2		2												X		24100001-020
5	MW-356	WT	G				2	1		1							X		X					24100001-021
6	MW-358R	WT	G				3	1		2							X	X	X	X	X			24100001-022
7	MW-366	WT	G	10-15-24	1704		2	1		1								X		X				24100001-023
8	MW-369	WT	G	10-15-24	1125		2	1		1							X		X					24100001-024
9	MW-370	WT	G	10-15-24	1356		2	1		1							X		X					24100001-025
10	MW-375	WT	G				2	1		1								X		X				24100001-026
11	MW-377	WT	G				2	1		1								X		X				24100001-027
12	MW-382	WT	G	10-15-24	1332		2	1		1							X		X					24100001-028
13	MW-383	WT	G				2	1		1								X		X				24100001-029
14	MW-384	WT	G				2	1		1								X		X				24100001-030
15	MW-390	WT	G	10-15-24	1146		2	1		1								X		X				24100001-031
16	MW-391R	WT	G				2	1		1								X		X				24100001-032

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS	Y	N	
BAL-24Q4 Rev 1	J. Colp	10-15	1648	Union Courier	10/15/24	1648	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 Colp

SIGNATURE of SAMPLER: Justin Colp DATE Signed (MM/DD/YY): 10-15-24

CHAIN-OF-CUSTODY / Analytical Request Document

24100001

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:	Sam Davies: samantha.davies@vistracorp.com	Company Name:	Vistra Corp
	Baldwin, IL 62217		Kim Edmiaston Kimberly.Edmiaston@vistracorp.com	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-392	WT	G	10-15-24	1038		2	1		1							X		X					24100001-033
2	MW-393	WT	G	10-15-24	1014		2	1		1							X		X					24100001-034
3	MW-394	WT	G	10-15-24	0929		2	1		1							X		X					24100001-035
4	OW-156	WT	G				0															X		24100001-036
5	OW-157	WT	G				0															X		24100001-037
6	OW-256	WT	G	10-15-24	1140		2	1		1							X		X					24100001-038
7	OW-257	WT	G				2	1		1							X		X					24100001-039
8	PZ-170	WT	G				2	1		1							X		X					24100001-040
9	PZ-174	WT	G	10-15-24	1240		3	1		2											X			24100001-041
10	PZ-176	WT	G	10-15-24	1334		3	1		2											X			24100001-042
11	PZ-178	WT	G	10-15-24	1431		3	1		2											X			24100001-043
12	PZ-182	WT	G	10-15-24	1038		2	1		1							X		X					24100001-044
13	TPZ-164	WT	G				2	1		1							X		X					24100001-045
14	XPW01	WT	G				2	1		1							X		X					24100001-046
15	XPW05	WT	G				2	1		1							X		X					24100001-047
16	XPW06	WT	G				2	1		1							X		X					24100001-048

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS	Y	N	
BAL-24Q4 Rev 1	J. Colp	10-15	1648	Amber Dicalle	10/15/24	1648				

SAMPLER NAME AND SIGNATURE			Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER:	Justin Colp					
SIGNATURE of SAMPLER:	Justin Colp	DATE Signed (MM/DD/YY): 10-15-24				

CHAIN-OF-CUSTODY / Analytical Request Document

24100001

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

Page: 4 of 4

Section A Required Client Information:

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

Section B Required Project Information:

Report To:	Brian Voelker
Copy To:	Sam Davies: samantha.davies@vistracorp.com
	Kim Edmiaston 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	Field Blank	WT	G				4	3		1							X	X	X	X	X	X		24100001-049
2	MW-304 Duplicate	WT	G				4	2		2							X	X	X	X	X	X		24100001-050
3	PZ-178 Duplicate	WT	G	10-15-24	1431		3	1		2											X			24100001-051
4	Equipment Blank 1	WT	G				4	3		1							X	X	X	X	X	X		24100001-052
5	Equipment Blank 2	WT	G				4	3		1							X	X	X	X	X	X		24100001-053
6	Equipment Blank 3	WT	G				4	3		1							X	X	X	X	X	X		24100001-054
7																								
8																								
9																								
10																								
11																								
12																								
13																								
14																								
15																								
16																								

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
BAL-24Q4 Rev 1	J. Colp	10-15	1648	Gordon Quisenberry	10/15/24	1648

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 Colp

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 10-15-24

24100001

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: Sam Davies: samantha.davies@vistracorp.com	Company Name: Vistra Corp
Baldwin, IL 62217	Kim Edmiaston Kimberly.Edmiaston@vistracorp.com	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

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-104DR	WT	G	10-16-24	1029		4	2		2											X			24100001-001
2	MW-104SR	WT	G	10-16-24	1104		4	2		2											X			24100001-002
3	MW-150	WT	G				4	2		2								X		X		X			24100001-003
4	MW-151	WT	G	10.16.24	1020		4	2		2								X		X		X			24100001-004
5	MW-152	WT	G	10.16.24	1231		4	2		2								X		X		X			24100001-005
6	MW-153	WT	G	10-16-24	1147		4	2		2								X		X		X			24100001-006
7	MW-154	WT	G				4	2		2												X			24100001-007
8	MW-155	WT	G				4	2		2												X			24100001-008
9	MW-192	WT	G				2	1		1							X		X						24100001-009
10	MW-193	WT	G				2	1		1							X		X						24100001-010
11	MW-195	WT	G				3	1		2											X				24100001-011
12	MW-196	WT	G				3	1		2											X				24100001-012
13	MW-197	WT	G				3	1		2											X				24100001-013
14	MW-198	WT	G				3	1		2											X				24100001-014
15	MW-252	WT	G	10.16.24	1151		4	2		2								X		X		X			24100001-015
16	MW-253R	WT	G	10-16-24	1215		4	2		2								X		X		X			24100001-016

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
BAL-24Q4 Rev 1	J. Colp	10-16	1615		10/16	1615	Temp in °C: 11.0
MW-195 : collect but hold all analyses pending instruction from Ramboll							Received on Ice (Y/N): (Y) N
							Custody Sealed Cooler (Y/N):
							Samples Intact (Y/N):

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Justin Colp

SIGNATURE of SAMPLER: Justin Colp DATE Signed (MM/DD/YY): 10-16-24

PHR96651

Added HN03(99964) to MW304 and MW304 Dup

LH 10/17/24

LTC5

CHAIN-OF-CUSTODY / Analytical Request Document

24100001

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

Page: 2 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: Sam Davies: samantha.davies@vistracorp.com	Company Name: Vistra Corp
Baldwin, IL 62217	Kim Edmiaston Kimberly.Edmiaston@vistracorp.com	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-304	WT	G	10-16-24	0933		4	2		2							X	X	X	X	X	X		24100001-017
2	MW-350R	WT	G				4	2		2								X		X		X		24100001-018
3	MW-352	WT	G	10.16.24	1118		3	1		2								X		X		X		24100001-019
4	MW-355	WT	G	10-16-24	1428		4	2		2												X		24100001-020
5	MW-356	WT	G	10.16.24	1426		2	1		1							X		X					24100001-021
6	MW-358R Dry	WT	G	10/16/24			3	1		2							X	X	X	X	X			24100001-022
7	MW-366	WT	G				2	1		1								X		X				24100001-023
8	MW-369	WT	G				2	1		1							X		X					24100001-024
9	MW-370	WT	G				2	1		1							X		X					24100001-025
10	MW-375	WT	G	10-16-24	1304		2	1		1								X		X				24100001-026
11	MW-377	WT	G	10-16-24	1339		2	1		1								X		X				24100001-027
12	MW-382	WT	G				2	1		1							X		X					24100001-028
13	MW-383	WT	G				2	1		1								X		X				24100001-029
14	MW-384	WT	G				2	1		1								X		X				24100001-030
15	MW-390	WT	G				2	1		1								X		X				24100001-031
16	MW-391R	WT	G				2	1		1								X		X				24100001-032

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
BAL-24Q4 Rev 1	J. Colp	10-16	1615		10/16	1615	
MW-358R dry per Justin Colp & Brett Gillihan ERH 10/18/24							

SAMPLER NAME AND SIGNATURE					
PRINT Name of SAMPLER: Justin Colp					
SIGNATURE of SAMPLER:	DATE Signed (MM/DD/YY): 10-16-24	Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)

CHAIN-OF-CUSTODY / Analytical Request Document

24100001

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

Section A Required Client Information:

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

Section B Required Project Information:

Report To:	Brian Voelker
Copy To:	Sam Davies: samantha.davies@vistracorp.com
	Kim Edmiaston 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

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) 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-392	WT	G				2	1		1							X		X					24100001-033
2	MW-393	WT	G				2	1		1							X		X					24100001-034
3	MW-394	WT	G				2	1		1							X		X					24100001-035
4	OW-156	WT	G	10.16.24	1435		0															X		24100001-036
5	OW-157	WT	G				0															X		24100001-037
6	OW-256	WT	G				2	1		1							X		X					24100001-038
7	OW-257	WT	G				2	1		1							X		X					24100001-039
8	PZ-170	WT	G				2	1		1							X		X					24100001-040
9	PZ-174	WT	G				3	1		2											X			24100001-041
10	PZ-176	WT	G				3	1		2											X			24100001-042
11	PZ-178	WT	G				3	1		2											X			24100001-043
12	PZ-182	WT	G				2	1		1							X		X					24100001-044
13	TPZ-164	WT	G				2	1		1							X		X					24100001-045
14	XPW01	WT	G				2	1		1							X		X					24100001-046
15	XPW05	WT	G				2	1		1							X		X					24100001-047
16	XPW06	WT	G				2	1		1							X		X					24100001-048

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
BAL-24Q4 Rev 1	J. Colp	10-16	1615		10/16	1615	Y / N

SAMPLER NAME AND SIGNATURE			Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER:	Justin Colp					
SIGNATURE of SAMPLER:		DATE Signed (MM/DD/YY): 10-16-24				

CHAIN-OF-CUSTODY / Analytical Request Document

24100001

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:	Sam Davies: samantha.davies@vistracorp.com	Company Name:	Vistra Corp
	Baldwin, IL 62217		Kim Edmiaston Kimberly.Edmiaston@vistracorp.com	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.
1	Field Blank	WT	G				4	3		1							X	X	X	X	X	X		24100001-049
2	MW-304 Duplicate	WT	G	10-16-24	0933		4	2		2							X	X	X	X	X	X		24100001-050
3	PZ-178 Duplicate	WT	G				3	1		2											X			24100001-051
4	Equipment Blank 1	WT	G				4	3		1							X	X	X	X	X	X		24100001-052
5	Equipment Blank 2	WT	G				4	3		1							X	X	X	X	X	X		24100001-053
6	Equipment Blank 3	WT	G				4	3		1							X	X	X	X	X	X		24100001-054
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-24Q4 Rev 1	J. Colp	10-16	1615		10/16	1615	

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): 10-16-24		Y	N	

CHAIN-OF-CUSTODY / Analytical Request Document

24100001

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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:	Sam Davies: samantha.davies@vistracorp.com	Company Name:	Vistra Corp
	Baldwin, IL 62217		Kim Edmiaston Kimberly.Edmiaston@vistracorp.com	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

ITEM #	SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	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-104DR	WT	G				4	2		2												X		24100001-001
2	MW-104SR	WT	G				4	2		2												X		24100001-002
3	MW-150	WT	G				4	2		2								X		X		X		24100001-003
4	MW-151	WT	G				4	2		2								X		X		X		24100001-004
5	MW-152	WT	G				4	2		2								X		X		X		24100001-005
6	MW-153	WT	G	ERH 10/18/24			4	2		2								X		X		X		24100001-006
7	MW-154	WT	G	~~dry~~	~~dry~~		4	2		2												X		24100001-007
8	MW-155	WT	G				4	2		2												X		24100001-008
9	MW-192	WT	G				2	1		1							X		X					24100001-009
10	MW-193	WT	G				2	1		1							X		X					24100001-010
11	MW-195	WT	G	10-17-24	1318		3	1		2											X			24100001-011
12	MW-196	WT	G	↓	1134		3	1		2											X			24100001-012
13	MW-197	WT	G		1235		3	1		2											X			24100001-013
14	MW-198 10/18/24	WT	G	BG			3	1		2											X			24100001-014
15	MW-252 BG/ERH	WT	G	ERH 10/18/24			4	2		2								X		X		X		24100001-015
16	MW-253R ~~TJT~~	WT	G	10-17-24			4	2		2								X		X		X		24100001-016

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
BAL-24Q4 Rev 1 MW-195 : collect but hold all analyses pending instruction from Rambol		10.17.24	1512		10/17/24	1512

SAMPLE CONDITIONS			
	Y	N	
Temp in °C: 9.9			
Received on Ice (Y/N)	Y		
Custody Sealed Cooler (Y/N)			
Samples Intact (Y/N)			

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Justin Culp

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 10-17-24

PW 9/6/05

LH 10/17/24

CTG9

24100001

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:	Sam Davies: samantha.davies@vistracorp.com	Company Name:	Vistra Corp
	Baldwin, IL 62217		Kim Edmiaston Kimberly.Edmiaston@vistracorp.com	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)	Project No./ Lab I.D.
1	MW-392	WT	G				2	1		1								X		X										24100001-033
2	MW-393	WT	G				2	1		1								X		X										24100001-034
3	MW-394	WT	G				2	1		1								X		X										24100001-035
4	OW-156	WT	G				0															X								24100001-036
5	OW-157	WT	G	10-17-24	1302		0															X								24100001-037
6	OW-256	WT	G				2	1		1								X		X										24100001-038
7	OW-257	WT	G				2	1		1								X		X										24100001-039
8	PZ-170	WT	G				2	1		1								X		X										24100001-040
9	PZ-174	WT	G				3	1		2												X								24100001-041
10	PZ-176	WT	G				3	1		2												X								24100001-042
11	PZ-178	WT	G				3	1		2												X								24100001-043
12	PZ-182	WT	G				2	1		1								X		X										24100001-044
13	TPZ-164	WT	G	10-17-24	1217		2	1		1								X		X										24100001-045
14	XPW01	WT	G	10-17-24	1154		2	1		1								X		X										24100001-046
15	XPW05	WT	G	〃	1139		2	1		1								X		X										24100001-047
16	XPW06	WT	G	〃	1019		2	1		1								X		X										24100001-048

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
BAL-24Q4 Rev 1	Justin Carroll	10/17/24	1512		10/17/24	1512	

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 Carroll	DATE Signed (MM/DD/YY): 10-17-24				
SIGNATURE of SAMPLER:						

24100001

CHAIN-OF-CUSTODY / Analytical Request Document

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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:	Sam Davies: samantha.davies@vistracorp.com	Company Name:	Vistra Corp
	Baldwin, IL 62217		Kim Edmiaston Kimberly.Edmiaston@vistracorp.com	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	Field Blank	WT	G	10-17-24	1308		4	3		1							X	X	X	X	X	X			24100001-049
2	MW-304 Duplicate	WT	G				4	2		2							X	X	X	X	X	X			24100001-050
3	PZ-178 Duplicate	WT	G				3	1		2											X				24100001-051
4	Equipment Blank 1	WT	G	10-17-24	1331		4	3		1							X	X	X	X	X	X			24100001-052
5	Equipment Blank 2	WT	G				4	3		1							X	X	X	X	X	X			24100001-053
6	Equipment Blank 3	WT	G				4	3		1							X	X	X	X	X	X			24100001-054
7																									
8																									
9																									
10																									
11																									
12																									
13																									
14																									
15																									
16																									

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS	Y	N	
BAL-24Q4 Rev 1		10/17/24	1512		10/18/24	1512				

SAMPLER NAME AND SIGNATURE			Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER:	Justin Colp					
SIGNATURE of SAMPLER:		DATE Signed (MM/DD/YY): 10-17-24				

CHAIN-OF-CUSTODY / Analytical Request Document

24100001

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:	Sam Davies: samantha.davies@vistracorp.com	Company Name:	Vistra Corp
	Baldwin, IL 62217		Kim Edmiaston Kimberly.Edmiaston@vistracorp.com	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-104DR	WT	G				4	2		2												X		24100001-001
2	MW-104SR	WT	G				4	2		2												X		24100001-002
3	MW-150	WT	G				4	2		2								X		X		X		24100001-003
4	MW-151	WT	G				4	2		2								X		X		X		24100001-004
5	MW-152	WT	G				4	2		2								X		X		X		24100001-005
6	MW-153	WT	G				4	2		2								X		X		X		24100001-006
7	MW-154	WT	G	11-1-24	Dry		4	2		2												X		24100001-007
8	MW-155	WT	G				4	2		2												X		24100001-008
9	MW-192	WT	G				2	1		1							X		X					24100001-009
10	MW-193	WT	G				2	1		1							X		X					24100001-010
11	MW-195	WT	G				3	1		2											X			24100001-011
12	MW-196	WT	G		TE 1300		3	1		2											X			24100001-012
13	MW-197	WT	G	~~11-1-24~~	~~1042~~		3	1		2											X			24100001-013
14	MW-198	WT	G	11-1-24	1042		3	1		2											X			24100001-014
15	MW-252	WT	G				4	2		2								X		X		X		24100001-015
16	MW-253R	WT	G				4	2		2								X		X		X		24100001-016

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
BAL-24Q4 Rev 1		11-1	1324		11/1/24	13:24	1.3 / Y / N / #5
MW-195 : collect but hold all analyses pending instruction from Ramboll							

Added HNO3 (99564) to Sample MW358R

PH 96657 JD 11/1/24

per Brett Gillikan dm 11/1/24

SAMPLER NAME AND SIGNATURE				
PRINT Name of SAMPLER:	Brett Gillikan	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):				

CHAIN-OF-CUSTODY / Analytical Request Document

24100001

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

Page: 2 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:	Sam Davies: samantha.davies@vistracorp.com	Company Name:	Vistra Corp
	Baldwin, IL 62217		Kim Edmiaston Kimberly.Edmiaston@vistracorp.com	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	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-304	WT	G				4	2		2							X	X	X	X	X	X		24100001-017
2	MW-350R	WT	G				4	2		2								X		X		X		24100001-018
3	MW-352	WT	G				3	1		2								X		X		X		24100001-019
4	MW-355	WT	G		TE UM		4	2		2												X		24100001-020
5	MW-356	WT	G	11-1-24	1129		2	1		1							X		X					24100001-021
6	MW-358R	WT	G	11-1-24	1128		3	1		2							X	X	X	X	X			24100001-022
7	MW-366	WT	G				2	1		1								X		X				24100001-023
8	MW-369	WT	G				2	1		1							X		X					24100001-024
9	MW-370	WT	G				2	1		1							X		X					24100001-025
10	MW-375	WT	G				2	1		1								X		X				24100001-026
11	MW-377	WT	G				2	1		1								X		X				24100001-027
12	MW-382	WT	G				2	1		1							X		X					24100001-028
13	MW-383	WT	G				2	1		1								X		X				24100001-029
14	MW-384	WT	G				2	1		1								X		X				24100001-030
15	MW-390	WT	G				2	1		1								X		X				24100001-031
16	MW-391R	WT	G	11-1-24	DRY		2	1		1								X		X				24100001-032

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
BAL-24Q4 Rev 1	BJ SO	11-1	1324	Jamie Davis	11/1/24	13:24

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: Brett Gillihan

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

CHAIN-OF-CUSTODY / Analytical Request Document

24100001

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:	Sam Davies: samantha.davies@vistracorp.com	Company Name:	Vistra Corp
	Baldwin, IL 62217		Kim Edmiaston Kimberly.Edmiaston@vistracorp.com	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-392	WT	G				2	1		1							X		X					24100001-033
2	MW-393	WT	G				2	1		1							X		X					24100001-034
3	MW-394	WT	G				2	1		1							X		X					24100001-035
4	OW-156	WT	G				0														X			24100001-036
5	OW-157	WT	G				0														X			24100001-037
6	OW-256	WT	G				2	1		1							X		X					24100001-038
7	OW-257	WT	G				2	1		1							X		X					24100001-039
8	PZ-170	WT	G				2	1		1							X		X					24100001-040
9	PZ-174	WT	G				3	1		2											X			24100001-041
10	PZ-176	WT	G				3	1		2											X			24100001-042
11	PZ-178	WT	G				3	1		2											X			24100001-043
12	PZ-182	WT	G				2	1		1							X		X					24100001-044
13	TPZ-164	WT	G				2	1		1							X		X					24100001-045
14	XPW01	WT	G				2	1		1							X		X					24100001-046
15	XPW05	WT	G				2	1		1							X		X					24100001-047
16	XPW06	WT	G				2	1		1							X		X					24100001-048

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
BAL-24Q4 Rev 1		11-1	1324	Jackie Davis	11/1/24	1324	Y / N

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

CHAIN-OF-CUSTODY / Analytical Request Document

24100001

BAL-257-605

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:	Sam Davies: samantha.davies@vistracorp.com	Company Name:	Vistra Corp
	Baldwin, IL 62217		Kim Edmiaston Kimberly.Edmiaston@vistracorp.com	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	Field Blank	WT	G				4	3		1							X	X	X	X	X	X		24100001-049
2	MW-304 Duplicate	WT	G				4	2		2							X	X	X	X	X	X		24100001-050
3	PZ-178 Duplicate	WT	G				3	1		2											X			24100001-051
4	Equipment Blank 1	WT	G				4	3		1							X	X	X	X	X	X		24100001-052
5	Equipment Blank 2	WT	G				4	3		1							X	X	X	X	X	X		24100001-053
6	Equipment Blank 3	WT	G				4	3		1							X	X	X	X	X	X		24100001-054
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-24Q4 Rev 1		11-1	1324		11/1/24	13:24	

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER:

SIGNATURE of SAMPLER: DATE Signed (MM/DD/YY):

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

Teklab, Inc.
Environmental Laboratory

http://www.teklabinc.com/

December 05, 2024

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

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

RE: BAL-24Q4 **WorkOrder:** 24100002

Dear Eric Bauer:

TEKLAB, INC received 41 samples on 11/1/2024 1:24:00 PM for the analysis presented in the following report.

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

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

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

Sincerely,

Elizabeth A. Hurley

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

Report Contents

Client: Ramboll
Client Project: BAL-24Q4

Work Order: 24100002
Report Date: 05-Dec-24

This reporting package includes the following:

Cover Letter	1
Report Contents	2
Definitions	3
Case Narrative	5
Accreditations	6
Laboratory Results	7
Sample Summary	46
Receiving Check List	48
Chain of Custody	Appended

Definitions

Client: Ramboll **Work Order:** 24100002

Client Project: BAL-24Q4 **Report Date:** 05-Dec-24

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

Definitions

Client: Ramboll **Work Order:** 24100002

Client Project: BAL-24Q4 **Report Date:** 05-Dec-24

Qualifiers

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

Case Narrative

Client: Ramboll
Client Project: BAL-24Q4

Work Order: 24100002
Report Date: 05-Dec-24

Cooler Receipt Temp: 12.1 °C

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

MW-195 was collected but not analyzed per Ramboll's request.

MW-391R could not be collected; the well was dry.

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:** 24100002

Client Project: BAL-24Q4 **Report Date:** 05-Dec-24

State	Dept	Cert #	NELAP	Exp Date	Lab
Illinois	IEPA	100226	NELAP	1/31/2025	Collinsville
Illinois	IEPA	1004652024-2	NELAP	4/30/2025	Collinsville
Kansas	KDHE	E-10374	NELAP	4/30/2025	Collinsville
Louisiana	LDEQ	05002	NELAP	6/30/2025	Collinsville
Louisiana	LDEQ	05003	NELAP	6/30/2025	Collinsville
Oklahoma	ODEQ	9978	NELAP	12/31/2024	Collinsville
Arkansas	ADEQ	88-0966		3/14/2025	Collinsville
Illinois	IDPH	17584		5/31/2025	Collinsville
Iowa	IDNR	430		6/1/2026	Collinsville
Kentucky	UST	0073		1/31/2025	Collinsville
Mississippi	MSDH			4/30/2025	Collinsville
Missouri	MDNR	930		1/31/2025	Collinsville
Missouri	MDNR	00930		10/31/2026	Collinsville

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24100002

Client Project: BAL-24Q4 **Report Date:** 05-Dec-24

Lab ID: 24100002-001 **Client Sample ID:** MW-150

Matrix: GROUNDWATER **Collection Date:** 10/15/2024 12:28

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	11/08/2024 12:07	R357104

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24100002

Client Project: BAL-24Q4 **Report Date:** 05-Dec-24

Lab ID: 24100002-002 **Client Sample ID:** MW-151

Matrix: GROUNDWATER **Collection Date:** 10/16/2024 10:20

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	11/08/2024 12:08	R357104

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24100002

Client Project: BAL-24Q4 **Report Date:** 05-Dec-24

Lab ID: 24100002-003 **Client Sample ID:** MW-152

Matrix: GROUNDWATER **Collection Date:** 10/16/2024 12:31

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	11/08/2024 12:08	R357104

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24100002

Client Project: BAL-24Q4 **Report Date:** 05-Dec-24

Lab ID: 24100002-004 **Client Sample ID:** MW-153

Matrix: GROUNDWATER **Collection Date:** 10/16/2024 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	11/08/2024 12:08	R357104

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24100002

Client Project: BAL-24Q4 **Report Date:** 05-Dec-24

Lab ID: 24100002-005 **Client Sample ID:** MW-192

Matrix: GROUNDWATER **Collection Date:** 10/15/2024 10:58

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	11/08/2024 12:08	R357104

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24100002

Client Project: BAL-24Q4 **Report Date:** 05-Dec-24

Lab ID: 24100002-006 **Client Sample ID:** MW-193

Matrix: GROUNDWATER **Collection Date:** 10/15/2024 9:54

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	11/08/2024 12:08	R357104

Laboratory Results

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

Client: Ramboll **Work Order:** 24100002

Client Project: BAL-24Q4 **Report Date:** 05-Dec-24

Lab ID: 24100002-008 **Client Sample ID:** MW-196

Matrix: GROUNDWATER **Collection Date:** 10/17/2024 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	11/08/2024 12:08	R357104

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24100002

Client Project: BAL-24Q4 **Report Date:** 05-Dec-24

Lab ID: 24100002-009 **Client Sample ID:** MW-197

Matrix: GROUNDWATER **Collection Date:** 10/17/2024 12:35

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	11/08/2024 12:08	R357104

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24100002

Client Project: BAL-24Q4 **Report Date:** 05-Dec-24

Lab ID: 24100002-010 **Client Sample ID:** MW-198

Matrix: GROUNDWATER **Collection Date:** 11/01/2024 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	11/21/2024 14:56	R357104

Laboratory Results

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

Client: Ramboll **Work Order:** 24100002

Client Project: BAL-24Q4 **Report Date:** 05-Dec-24

Lab ID: 24100002-011 **Client Sample ID:** MW-252

Matrix: GROUNDWATER **Collection Date:** 10/16/2024 11:51

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	11/08/2024 12:08	R357104

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24100002

Client Project: BAL-24Q4 **Report Date:** 05-Dec-24

Lab ID: 24100002-012 **Client Sample ID:** MW-253R

Matrix: GROUNDWATER **Collection Date:** 10/16/2024 12:15

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	11/08/2024 12:09	R357104

Laboratory Results

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

Client: Ramboll **Work Order:** 24100002

Client Project: BAL-24Q4 **Report Date:** 05-Dec-24

Lab ID: 24100002-013 **Client Sample ID:** MW-304

Matrix: GROUNDWATER **Collection Date:** 10/16/2024 9:33

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	11/08/2024 12:09	R357104

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24100002

Client Project: BAL-24Q4 **Report Date:** 05-Dec-24

Lab ID: 24100002-014 **Client Sample ID:** MW-350R

Matrix: GROUNDWATER **Collection Date:** 10/15/2024 12:52

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	11/08/2024 12:09	R357104

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24100002

Client Project: BAL-24Q4 **Report Date:** 05-Dec-24

Lab ID: 24100002-015 **Client Sample ID:** MW-352

Matrix: GROUNDWATER **Collection Date:** 10/16/2024 11:18

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	11/08/2024 12:09	R357104

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24100002

Client Project: BAL-24Q4 **Report Date:** 05-Dec-24

Lab ID: 24100002-016 **Client Sample ID:** MW-356

Matrix: GROUNDWATER **Collection Date:** 10/16/2024 14:26

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	11/08/2024 12:09	R357104

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24100002

Client Project: BAL-24Q4 **Report Date:** 05-Dec-24

Lab ID: 24100002-017 **Client Sample ID:** MW-358R

Matrix: GROUNDWATER **Collection Date:** 11/01/2024 11:28

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	11/21/2024 14:56	R357104

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24100002

Client Project: BAL-24Q4 **Report Date:** 05-Dec-24

Lab ID: 24100002-018 **Client Sample ID:** MW-366

Matrix: GROUNDWATER **Collection Date:** 10/15/2024 12:04

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	11/08/2024 12:10	R357104

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24100002

Client Project: BAL-24Q4 **Report Date:** 05-Dec-24

Lab ID: 24100002-019 **Client Sample ID:** MW-369

Matrix: GROUNDWATER **Collection Date:** 10/15/2024 11:25

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	11/08/2024 12:10	R357104

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24100002

Client Project: BAL-24Q4 **Report Date:** 05-Dec-24

Lab ID: 24100002-020 **Client Sample ID:** MW-370

Matrix: GROUNDWATER **Collection Date:** 10/15/2024 13:56

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	11/08/2024 12:10	R357104

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24100002

Client Project: BAL-24Q4 **Report Date:** 05-Dec-24

Lab ID: 24100002-021 **Client Sample ID:** MW-375

Matrix: GROUNDWATER **Collection Date:** 10/16/2024 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	11/08/2024 12:10	R357104

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24100002

Client Project: BAL-24Q4 **Report Date:** 05-Dec-24

Lab ID: 24100002-022 **Client Sample ID:** MW-377

Matrix: GROUNDWATER **Collection Date:** 10/16/2024 13:39

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	11/21/2024 14:55	R357104

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24100002

Client Project: BAL-24Q4 **Report Date:** 05-Dec-24

Lab ID: 24100002-023 **Client Sample ID:** MW-382

Matrix: GROUNDWATER **Collection Date:** 10/15/2024 13:32

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	11/08/2024 12:10	R357104

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24100002

Client Project: BAL-24Q4 **Report Date:** 05-Dec-24

Lab ID: 24100002-024 **Client Sample ID:** MW-383

Matrix: GROUNDWATER **Collection Date:** 10/14/2024 13:41

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	11/08/2024 12:10	R357104

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24100002

Client Project: BAL-24Q4 **Report Date:** 05-Dec-24

Lab ID: 24100002-025 **Client Sample ID:** MW-384

Matrix: GROUNDWATER **Collection Date:** 10/14/2024 14:16

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	11/08/2024 12:10	R357104

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24100002

Client Project: BAL-24Q4 **Report Date:** 05-Dec-24

Lab ID: 24100002-026 **Client Sample ID:** MW-390

Matrix: GROUNDWATER **Collection Date:** 10/15/2024 11:46

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	11/08/2024 12:11	R357104

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24100002

Client Project: BAL-24Q4 **Report Date:** 05-Dec-24

Lab ID: 24100002-028 **Client Sample ID:** MW-392

Matrix: GROUNDWATER **Collection Date:** 10/15/2024 10:38

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	11/08/2024 12:11	R357104

Laboratory Results

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

Client: Ramboll **Work Order:** 24100002

Client Project: BAL-24Q4 **Report Date:** 05-Dec-24

Lab ID: 24100002-029 **Client Sample ID:** MW-393

Matrix: GROUNDWATER **Collection Date:** 10/15/2024 10:14

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	11/08/2024 13:22	R357104

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24100002

Client Project: BAL-24Q4 **Report Date:** 05-Dec-24

Lab ID: 24100002-030 **Client Sample ID:** MW-394

Matrix: GROUNDWATER **Collection Date:** 10/15/2024 9:29

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	11/08/2024 13:21	R357104

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24100002

Client Project: BAL-24Q4 **Report Date:** 05-Dec-24

Lab ID: 24100002-031 **Client Sample ID:** OW-256

Matrix: GROUNDWATER **Collection Date:** 10/15/2024 11:40

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	11/08/2024 13:22	R357104

Laboratory Results

http://www.teklabinc.com/

Client: Ramboll **Work Order:** 24100002

Client Project: BAL-24Q4 **Report Date:** 05-Dec-24

Lab ID: 24100002-032 **Client Sample ID:** OW-257

Matrix: GROUNDWATER **Collection Date:** 10/14/2024 13:06

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	11/08/2024 13:23	R357104

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24100002

Client Project: BAL-24Q4 **Report Date:** 05-Dec-24

Lab ID: 24100002-033 **Client Sample ID:** PZ-170

Matrix: GROUNDWATER **Collection Date:** 10/14/2024 11:44

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	11/08/2024 13:24	R357104

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24100002

Client Project: BAL-24Q4 **Report Date:** 05-Dec-24

Lab ID: 24100002-034 **Client Sample ID:** PZ-174

Matrix: GROUNDWATER **Collection Date:** 10/15/2024 12:40

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	11/08/2024 13:23	R357104

Laboratory Results

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

Client: Ramboll **Work Order:** 24100002

Client Project: BAL-24Q4 **Report Date:** 05-Dec-24

Lab ID: 24100002-035 **Client Sample ID:** PZ-176

Matrix: GROUNDWATER **Collection Date:** 10/15/2024 13:34

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	11/08/2024 13:23	R357104

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24100002

Client Project: BAL-24Q4 **Report Date:** 05-Dec-24

Lab ID: 24100002-036 **Client Sample ID:** PZ-178

Matrix: GROUNDWATER **Collection Date:** 10/15/2024 14:31

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	11/08/2024 13:24	R357104

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24100002

Client Project: BAL-24Q4 **Report Date:** 05-Dec-24

Lab ID: 24100002-037 **Client Sample ID:** PZ-182

Matrix: GROUNDWATER **Collection Date:** 10/15/2024 10:38

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	11/08/2024 13:25	R357104

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24100002

Client Project: BAL-24Q4 **Report Date:** 05-Dec-24

Lab ID: 24100002-038 **Client Sample ID:** Field Blank

Matrix: AQUEOUS **Collection Date:** 10/17/2024 13:08

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	11/07/2024 17:16	R357104

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24100002

Client Project: BAL-24Q4 **Report Date:** 05-Dec-24

Lab ID: 24100002-039 **Client Sample ID:** MW-304 Duplicate

Matrix: GROUNDWATER **Collection Date:** 10/16/2024 9:33

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	11/08/2024 13:25	R357104

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24100002

Client Project: BAL-24Q4 **Report Date:** 05-Dec-24

Lab ID: 24100002-040 **Client Sample ID:** PZ-178 Duplicate

Matrix: GROUNDWATER **Collection Date:** 10/15/2024 14:31

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	11/07/2024 17:16	R357104

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24100002

Client Project: BAL-24Q4 **Report Date:** 05-Dec-24

Lab ID: 24100002-041 **Client Sample ID:** Equipment Blank 1

Matrix: AQUEOUS **Collection Date:** 10/17/2024 13:31

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	11/06/2024 13:27	R357104

Teklab, Inc. Environmental Laboratory

Sample Summary

Client: Ramboll
Client Project: BAL-24Q4

Work Order: 24100002
Report Date: 05-Dec-24

Lab Sample ID	Client Sample ID	Matrix	Fractions	Collection Date
24100002-001	MW-150	Groundwater	1	10/15/2024 12:28
24100002-002	MW-151	Groundwater	1	10/16/2024 10:20
24100002-003	MW-152	Groundwater	1	10/16/2024 12:31
24100002-004	MW-153	Groundwater	1	10/16/2024 11:47
24100002-005	MW-192	Groundwater	1	10/15/2024 10:58
24100002-006	MW-193	Groundwater	1	10/15/2024 9:54
24100002-007	MW-195	Groundwater	1	10/17/2024 13:18
24100002-008	MW-196	Groundwater	1	10/17/2024 11:34
24100002-009	MW-197	Groundwater	1	10/17/2024 12:35
24100002-010	MW-198	Groundwater	1	11/01/2024 10:42
24100002-011	MW-252	Groundwater	1	10/16/2024 11:51
24100002-012	MW-253R	Groundwater	1	10/16/2024 12:15
24100002-013	MW-304	Groundwater	1	10/16/2024 9:33
24100002-014	MW-350R	Groundwater	1	10/15/2024 12:52
24100002-015	MW-352	Groundwater	1	10/16/2024 11:18
24100002-016	MW-356	Groundwater	1	10/16/2024 14:26
24100002-017	MW-358R	Groundwater	1	11/01/2024 11:28
24100002-018	MW-366	Groundwater	1	10/15/2024 12:04
24100002-019	MW-369	Groundwater	1	10/15/2024 11:25
24100002-020	MW-370	Groundwater	1	10/15/2024 13:56
24100002-021	MW-375	Groundwater	1	10/16/2024 13:04
24100002-022	MW-377	Groundwater	1	10/16/2024 13:39
24100002-023	MW-382	Groundwater	1	10/15/2024 13:32
24100002-024	MW-383	Groundwater	1	10/14/2024 13:41
24100002-025	MW-384	Groundwater	1	10/14/2024 14:16
24100002-026	MW-390	Groundwater	1	10/15/2024 11:46
24100002-027	MW-391R	Groundwater	1	10/17/2024 0:00
24100002-028	MW-392	Groundwater	1	10/15/2024 10:38
24100002-029	MW-393	Groundwater	1	10/15/2024 10:14
24100002-030	MW-394	Groundwater	1	10/15/2024 9:29
24100002-031	OW-256	Groundwater	1	10/15/2024 11:40
24100002-032	OW-257	Groundwater	1	10/14/2024 13:06
24100002-033	PZ-170	Groundwater	1	10/14/2024 11:44
24100002-034	PZ-174	Groundwater	1	10/15/2024 12:40
24100002-035	PZ-176	Groundwater	1	10/15/2024 13:34
24100002-036	PZ-178	Groundwater	1	10/15/2024 14:31
24100002-037	PZ-182	Groundwater	1	10/15/2024 10:38
24100002-038	Field Blank	Aqueous	1	10/17/2024 13:08
24100002-039	MW-304 Duplicate	Groundwater	1	10/16/2024 9:33

Sample Summary

Client: Ramboll
Client Project: BAL-24Q4

Work Order: 24100002
Report Date: 05-Dec-24

Lab Sample ID	Client Sample ID	Matrix	Fractions	Collection Date
24100002-040	PZ-178 Duplicate	Groundwater	1	10/15/2024 14:31
24100002-041	Equipment Blank 1	Aqueous	1	10/17/2024 13:31

Teklab, Inc. Environmental Laboratory

Receiving Check List

http://www.teklabinc.com/

Client: Ramboll
Work Order: 24100002
Client Project: BAL-24Q4
Report Date: 05-Dec-24

Carrier: Justin Colp
Received By: LEH

Completed by: Laura E Henson
On: 14-Oct-24

Reviewed by: Ellie Hopkins
On: 04-Nov-24

Pages to follow: Chain of custody 14 Extra pages included 50

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐	Temp °C	12.1
Type of thermal preservation?	None ☐	Ice ☑	Blue Ice ☐	Dry Ice	☐
Chain of custody present?	Yes ☑	No ☐			
Chain of custody signed when relinquished and received?	Yes ☑	No ☐			
Chain of custody agrees with sample labels?	Yes ☑	No ☐			
Samples in proper container/bottle?	Yes ☑	No ☐			
Sample containers intact?	Yes ☑	No ☐			
Sufficient sample volume for indicated test?	Yes ☑	No ☐			
All samples received within holding time?	Yes ☑	No ☐			
Reported field parameters measured:	Field ☐	Lab ☐	NA ☑		
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐			

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

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

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

pH strip #96651. - lhenson - 10/14/2024 4:19:45 PM

Additional nitric acid (99964) was needed in PZ-170 and MW-384 upon arrival at the laboratory. - lhenson - 10/14/2024 4:19:47 PM

Samples were received on 10/15/24 at 14:48 PM on ice 8.1C LTG #5. pH strip 99651. Additional nitric acid (99964) was needed in MW-369, MW-393, and MW-394 upon arrival at the laboratory. - lhenson - 10/16/2024 9:23:49 AM

Samples were received on 10/16/24 at 1615 on ice [7.3C - LTG#5]. Additional Nitric Acid (99964) was needed upon arrival at the laboratory for MW304 and MW304 Dup. pH strip #96651. - amberdilallo - 10/17/2024 8:40:46 AM

Samples were received on 10/17/24 at 15.12 on ice 9.9C - LTG#10. - lhenson - 10/18/2024 9:22:21 AM

Samples were received on 11/1/24 at 1324 on ice [1.3C - LTG#5]. Additional Nitric Acid (99964) was needed upon arrival at the laboratory for MW358R. pH strip #96651. Date changes per Brett Gillihan. - JD/amberdilallo - 11/1/2024 11:52:44 AM

24100002

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:	Sam Davies: samantha.davies@vistracorp.com	Company Name:	Vistra Corp
	Baldwin, IL 62217		Kim Edmiaston Kimberly.Edmiaston@vistracorp.com	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-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		24100002-001
4	MW-151	WT	G				2			2								X		X		X		24100002-002
5	MW-152	WT	G				2			2								X		X		X		24100002-003
6	MW-153	WT	G				2			2								X		X		X		24100002-004
7	MW-154	WT	G	10-14-24	DRY		0															X		N/A
8	MW-155	WT	G	10-14-24	1032		0															X		N/A
9	MW-192	WT	G				2			2							X		X					24100002-005
10	MW-193	WT	G				2			2							X		X					24100002-006
11	MW-195	WT	G				2			2											X			24100002-007
12	MW-196	WT	G				2			2											X			24100002-008
13	MW-197	WT	G				2			2											X			24100002-009
14	MW-198	WT	G				2			2											X			24100002-010
15	MW-252	WT	G				2			2								X		X		X		24100002-011
16	MW-253R	WT	G				2			2								X		X		X		24100002-012

Requested Analysis Filtered (Y/N)

Radium 226/228, only

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
BAL-24Q4 Rev 1	J. Cob	10/14	1540		10/14	1540		Y	N	
MW-195 : collect but hold all analyses pending instruction from Ramboll							12.1	Y0		
							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 Cap

SIGNATURE of SAMPLER: Justin Cap DATE Signed (MM/DD/YY): 10-14-24

added HNO_3 (9964) to PZ170 and MW354 LTG
PAN 96657 LH 10/14/24

24100002

CHAIN-OF-CUSTODY / Analytical Request Document

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

Section A Required Client Information:

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

Section B Required Project Information:

Report To:	Brian Voelker
Copy To:	Sam Davies: samantha.davies@vistracorp.com
	Kim Edmiaston 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)

Radium 226/228, 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-304	WT	G				2			2							X	X	X	X	X	X		24100002-013
2	MW-350R	WT	G				2			2								X		X		X		24100002-014
3	MW-352	WT	G				2			2								X		X		X		24100002-015
4	MW-355	WT	G				0															X		N/A
5	MW-356	WT	G				2			2							X		X					24100002-016
6	MW-358R	WT	G				2			2							X	X	X	X	X			24100002-017
7	MW-366	WT	G				2			2								X		X				24100002-018
8	MW-369	WT	G				2			2							X		X					24100002-019
9	MW-370	WT	G				2			2							X		X					24100002-020
10	MW-375	WT	G				2			2								X		X				24100002-021
11	MW-377	WT	G				2			2								X		X				24100002-022
12	MW-382	WT	G	~~10-14-24~~	~~1416~~ TF		2			2							X		X					24100002-023
13	MW-383	WT	G	10-14-24	1341		2			2								X		X				24100002-024
14	MW-384	WT	G	10-14-24	1416 JC		2			2								X		X				24100002-025
15	MW-390	WT	G				2			2								X		X				24100002-026
16	MW-391R	WT	G				2			2								X		X				24100002-027

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
BAL-24Q4 Rev 1	J. Colp	10/14	1540		10/14	1540

SAMPLE CONDITIONS

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

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Justin Colp

SIGNATURE of SAMPLER: Justin Colp

DATE Signed (MM/DD/YY): 10-14-24

per Justin.Colp.Com 10/14/24

24100002

CHAIN-OF-CUSTODY / Analytical Request Document

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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:	Sam Davies: samantha.davies@vistracorp.com	Company Name:	Vistra Corp
	Baldwin, IL 62217		Kim Edmiaston Kimberly.Edmiaston@vistracorp.com	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)	Radium 226/228, only: Project No./ Lab I.D.
1	MW-392	WT	G				2			2							X		X					24100002-028
2	MW-393	WT	G				2			2							X		X					24100002-029
3	MW-394	WT	G				2			2							X		X					24100002-030
4	OW-156	WT	G				0															X		N/A
5	OW-157	WT	G				0															X		N/A
6	OW-256	WT	G				2			2							X		X					24100002-031
7	OW-257	WT	G	10-14-24	1306		2			2							X		X					24100002-032
8	PZ-170	WT	G	10-14-24	1144		2			2							X		X					24100002-033
9	PZ-174	WT	G				2			2											X			24100002-034
10	PZ-176	WT	G				2			2											X			24100002-035
11	PZ-178	WT	G				2			2											X			24100002-036
12	PZ-182	WT	G				2			2							X		X					24100002-037
13	TPZ-164	WT	G				0										X		X					N/A
14	XPW01	WT	G				0										X		X					N/A
15	XPW05	WT	G				0										X		X					N/A
16	XPW06	WT	G				0										X		X					N/A

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
BAL-24Q4 Rev 1	J Colp	10-14	1540		10/14	1540	

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): 10-14-24				

24100002

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:	Sam Davies: samantha.davies@vistracorp.com	Company Name:	Vistra Corp
	Baldwin, IL 62217		Kim Edmiaston Kimberly.Edmiaston@vistracorp.com	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)	Radium 226/228, only 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	10-15-24	1228		2			2								X		X		X		24100002-001
4	MW-151	WT	G				2			2								X		X		X		24100002-002
5	MW-152	WT	G				2			2								X		X		X		24100002-003
6	MW-153	WT	G				2			2								X		X		X		24100002-004
7	MW-154	WT	G				0														X			N/A
8	MW-155	WT	G				0														X			N/A
9	MW-192	WT	G	10-15-24	1058		2			2							X		X					24100002-005
10	MW-193	WT	G	10-15-24	0954		2			2							X		X					24100002-006
11	MW-195	WT	G				2			2											X			24100002-007
12	MW-196	WT	G				2			2											X			24100002-008
13	MW-197	WT	G				2			2											X			24100002-009
14	MW-198	WT	G				2			2											X			24100002-010
15	MW-252	WT	G				2			2								X		X		X		24100002-011
16	MW-253R	WT	G				2			2								X		X		X		24100002-012

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
BAL-24Q4 Rev 1	J. Colp	10-15	1648	[illegible]	10/15/24	1648	8.1	Y	N	
MW-195 : collect but hold all analyses pending instruction from Ramboll							#5			

SAMPLER NAME AND SIGNATURE			Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER:	Justin Colp					
SIGNATURE of SAMPLER:	[signature]	DATE Signed (MM/DD/YY): 10-15-24				

PM 96651
added ~~MW~~ND3(99964)
to MW304, MW393, MW394)
LH 10/16/24

24100002 [illegible]605

CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: 2 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: Sam Davies: samantha.davies@vistracorp.com	Company Name: Vistra Corp
Baldwin, IL 62217	Kim Edmiaston Kimberly.Edmiaston@vistracorp.com	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	Radium 226/228, only	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	MW-304	WT	G				2			2							X	X	X	X	X	X			24100002-013
2	MW-350R	WT	G	10-15-24	1252		2			2								X		X		X			24100002-014
3	MW-352	WT	G				2			2								X		X		X			24100002-015
4	MW-355	WT	G				0															X			N/A
5	MW-356	WT	G				2			2							X		X						24100002-016
6	MW-358R	WT	G				2			2							X	X	X	X	X				24100002-017
7	MW-366	WT	G	10-15-24	1204		2			2								X		X					24100002-018
8	MW-369	WT	G	10-15-24	1125		2			2							X		X						24100002-019
9	MW-370	WT	G	10-15-24	1356		2			2							X		X						24100002-020
10	MW-375	WT	G				2			2								X		X					24100002-021
11	MW-377	WT	G				2			2								X		X					24100002-022
12	MW-382	WT	G	10-15-24	1332		2			2							X		X						24100002-023
13	MW-383	WT	G				2			2								X		X					24100002-024
14	MW-384	WT	G				2			2								X		X					24100002-025
15	MW-390	WT	G	10-15-24	1146		2			2								X		X					24100002-026
16	MW-391R	WT	G				2			2								X		X					24100002-027

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS	Y	N	
BAL-24Q4 Rev 1	J. Colp	10-15	1648	Amber Dieaves	10/15/24	1648				
							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 Colp

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 10-15-24

CHAIN-OF-CUSTODY / Analytical Request Document

24100002

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: Sam Davies: samantha.davies@vistracorp.com	Company Name: Vistra Corp
Baldwin, IL 62217	Kim Edmiaston Kimberly.Edmiaston@vistracorp.com	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	TB

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)	Radium 226/228, only Project No./ Lab I.D.
1	MW-392	WT	G	10-15-24	1038		2			2								X		X					24100002-028
2	MW-393	WT	G	10-15-24	1014		2			2								X		X					24100002-029
3	MW-394	WT	G	10-15-24	0929		2			2								X		X					24100002-030
4	OW-156	WT	G				0																X		N/A
5	OW-157	WT	G				0																X		N/A
6	OW-256	WT	G	10-15-24	1140		2			2								X		X					24100002-031
7	OW-257	WT	G				2			2								X		X					24100002-032
8	PZ-170	WT	G				2			2								X		X					24100002-033
9	PZ-174	WT	G	10-15-24	1240		2			2												X			24100002-034
10	PZ-176	WT	G	10-15-24	1334		2			2												X			24100002-035
11	PZ-178	WT	G	10-15-24	1431		2			2												X			24100002-036
12	PZ-182	WT	G	10-15-24	1038		2			2								X		X					24100002-037
13	TPZ-164	WT	G				0											X		X					N/A
14	XPW01	WT	G				0											X		X					N/A
15	XPW05	WT	G				0											X		X					N/A
16	XPW06	WT	G				0											X		X					N/A

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
BAL-24Q4 Rev 1	J. Culp	10-15	1648	Ymlen. DeCarlo	10/15/24	1648	Y / N

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: JUSTIN CULP

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 10-15-24

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

CHAIN-OF-CUSTODY / Analytical Request Document

24100002

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: Sam Davies: samantha.davies@vistracorp.com	Company Name: Vistra Corp
Baldwin, IL 62217	Kim Edmiaston Kimberly.Edmiaston@vistracorp.com	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	Radium 226/228, only: Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	Field Blank	WT	G				2			2							X	X	X	X	X	X		24100002-038
2	MW-304 Duplicate	WT	G				2			2							X	X	X	X	X	X		24100002-039
3	PZ-178 Duplicate	WT	G	10-15-24	1431		2			2											X			24100002-040
4	Equipment Blank 1	WT	G				2			2							X	X	X	X	X	X		24100002-041
5	Equipment Blank 2	WT	G				2			2							X	X	X	X	X	X		24100002-042
6	Equipment Blank 3	WT	G				2			2							X	X	X	X	X	X		24100002-043
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-24Q4 Rev 1	J. Colp	10-15	1648	Union Oil Co	10/15/24	1648	

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Justin Colp

SIGNATURE of SAMPLER: Justin Colp DATE Signed (MM/DD/YY): 10-15-24

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

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:	Sam Davies: samantha.davies@vistracorp.com	Company Name:	Vistra Corp
	Baldwin, IL 62217		Kim Edmiaston Kimberly.Edmiaston@vistracorp.com	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	

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 #	Section D Required Client Information: SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE	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) Y/N	Analysis Test: BAL-257-601	BAL-257-605	BAL-845-601	BAL-845-605	BAL-NE-605	BAL-WPCP-605	Radium 226/228, only	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	MW-104DR	WT	G	10-16-24	1029		0															X			N/A
2	MW-104SR	WT	G	10-16-24	1104		0															X			N/A
3	MW-150	WT	G				2			2								X		X		X			24100002-001
4	MW-151	WT	G	10.16.24	1020		2			2								X		X		X			24100002-002
5	MW-152	WT	G	10.16.24	1231		2			2								X		X		X			24100002-003
6	MW-153	WT	G	10-16-24	1147		2			2								X		X		X			24100002-004
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					24100002-005
10	MW-193	WT	G				2			2								X		X					24100002-006
11	MW-195	WT	G				2			2											X				24100002-007
12	MW-196	WT	G				2			2											X				24100002-008
13	MW-197	WT	G				2			2											X				24100002-009
14	MW-198	WT	G				2			2											X				24100002-010
15	MW-252	WT	G	10.16.24	1151		2			2								X		X		X			24100002-011
16	MW-253R	WT	G	10-16-24	1215		2			2								X		X		X			24100002-012

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
BAL-24Q4 Rev 1	J. Colp	10-16	1615		10/16	1615	7	⊙	N	
MW-195 : collect but hold all analyses pending instruction from Ramboll										

SAMPLER NAME AND SIGNATURE			Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER:	Justin Colp					
SIGNATURE of SAMPLER:	Justin Colp	DATE Signed (MM/DD/YY): 10-16-24				

PW 96651
added HNO3(99564)
to MW304 and MW304 DUP
LH 10/17/24

CHAIN-OF-CUSTODY / Analytical Request Document

24100002

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

Section A Required Client Information:

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

Section B Required Project Information:

Report To:	Brian Voelker
Copy To:	Sam Davies: samantha.davies@vistracorp.com
	Kim Edmiaston 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)	Radium 226/228, only: Project No./ Lab I.D.
1	MW-304	WT	G	10-16-24	0933		2			2							X	X	X	X	X	X		24100002-013
2	MW-350R	WT	G				2			2								X		X		X		24100002-014
3	MW-352	WT	G	10.16.24	1118		2			2								X		X		X		24100002-015
4	MW-355	WT	G	10-16-24	1428		0															X		N/A
5	MW-356	WT	G	10.16.24	1426		2			2							X		X					24100002-016
6	MW-358R	WT	G				2			2							X	X	X	X	X			24100002-017
7	MW-366	WT	G				2			2								X		X				24100002-018
8	MW-369	WT	G				2			2							X		X					24100002-019
9	MW-370	WT	G				2			2							X		X					24100002-020
10	MW-375	WT	G	10-16-24	1304		2			2								X		X				24100002-021
11	MW-377	WT	G	10-16-24	1339		2			2								X		X				24100002-022
12	MW-382	WT	G				2			2							X		X					24100002-023
13	MW-383	WT	G				2			2								X		X				24100002-024
14	MW-384	WT	G				2			2								X		X				24100002-025
15	MW-390	WT	G				2			2								X		X				24100002-026
16	MW-391R	WT	G				2			2								X		X				24100002-027

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
BAL-24Q4 Rev 1	J. Colp	10-16	1615		10/16	1615	

SAMPLER NAME AND SIGNATURE			
PRINT Name of SAMPLER:	Justin Colp		
SIGNATURE of SAMPLER:		DATE Signed (MM/DD/YY):	10-16-24

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

24100002

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: Sam Davies: samantha.davies@vistracorp.com	Company Name: Vistra Corp
Baldwin, IL 62217	Kim Edmiaston Kimberly.Edmiaston@vistracorp.com	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	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)	Radium 226/228, only Project No./ Lab I.D.
1	MW-392	WT	G				2			2							X		X										24100002-028
2	MW-393	WT	G				2			2							X		X										24100002-029
3	MW-394	WT	G				2			2							X		X										24100002-030
4	OW-156	WT	G	10-16-24	1435		0															X						N/A
5	OW-157	WT	G				0															X						N/A
6	OW-256	WT	G				2			2							X		X										24100002-031
7	OW-257	WT	G				2			2							X		X										24100002-032
8	PZ-170	WT	G				2			2							X		X										24100002-033
9	PZ-174	WT	G				2			2											X								24100002-034
10	PZ-176	WT	G				2			2											X								24100002-035
11	PZ-178	WT	G				2			2											X								24100002-036
12	PZ-182	WT	G				2			2							X		X										24100002-037
13	TPZ-164	WT	G				0										X		X										N/A
14	XPW01	WT	G				0										X		X										N/A
15	XPW05	WT	G				0										X		X										N/A
16	XPW06	WT	G				0										X		X										N/A

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
BAL-24Q4 Rev 1	J. Colp	10-16	1615		10/16	1615		Y	N	

SAMPLER NAME AND SIGNATURE		Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER:	Justin Colp				
SIGNATURE of SAMPLER:		DATE Signed (MM/DD/YY): 10-16-24			

24100002

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:	Sam Davies: samantha.davies@vistracorp.com	Company Name:	Vistra Corp
	Baldwin, IL 62217		Kim Edmiaston Kimberly.Edmiaston@vistracorp.com	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)	Radium 226/228, only: Project No./ Lab I.D.
1	Field Blank	WT	G				2			2							X	X	X	X	X	X		24100002-038
2	MW-304 Duplicate	WT	G	10-16-24	0933		2			2							X	X	X	X	X	X		24100002-039
3	PZ-178 Duplicate	WT	G				2			2											X			24100002-040
4	Equipment Blank 1	WT	G				2			2							X	X	X	X	X	X		24100002-041
5	Equipment Blank 2	WT	G				2			2							X	X	X	X	X	X		24100002-042
6	Equipment Blank 3	WT	G				2			2							X	X	X	X	X	X		24100002-043
7																								
8																								
9																								
10																								
11																								
12																								
13																								
14																								
15																								
16																								

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS	Y	N	
BAL-24Q4 Rev 1	J. Colp	10-16	1615		10/16	1615				
							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 Colp	
SIGNATURE of SAMPLER:		DATE Signed (MM/DD/YY): 10-16-24

24100002

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:	Sam Davies: samantha.davies@vistracorp.com	Company Name:	Vistra Corp
	Baldwin, IL 62217		Kim Edmiaston Kimberly.Edmiaston@vistracorp.com	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

Requested Analysis Filtered (Y/N)

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)	Radium 226/228, only: 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		24100002-001
4	MW-151	WT	G				2			2								X		X		X		24100002-002
5	MW-152	WT	G				2			2								X		X		X		24100002-003
6	MW-153	WT	G				2			2								X		X		X		24100002-004
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					24100002-005
10	MW-193	WT	G				2			2							X		X					24100002-006
11	MW-195	WT	G	10-17-24	1318		2			2											X			24100002-007
12	MW-196	WT	G	↓	1134		2			2											X			24100002-008
13	MW-197	WT	G		1255		2			2											X			24100002-009
14	MW-198 10/8/24	WT	G				2			2											X			24100002-010
15	MW-252 BG1/ERH	WT	G				2			2								X		X		X		24100002-011
16	MW-253R DTG	WT	G	10-17-24			2			2								X		X		X		24100002-012

PH 9.6 5.1
NR 10/17/24

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
BAL-24Q4 Rev 1 MW-195 : collect but hold all analyses pending instruction from Ramboll	Justin Carroll	10/17/24	1512	Andy Reed	10/17/24	1512

SAMPLE CONDITIONS

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

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Justin Carroll

SIGNATURE of SAMPLER: Justin Carroll DATE Signed (MM/DD/YY): 10-17-24

LTG 10

24100002 (3) 325-605

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: Sam Davies: samantha.davies@vistracorp.com	Company Name: Vistra Corp
Baldwin, IL 62217	Kim Edmiaston Kimberly.Edmiaston@vistracorp.com	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)	Radium 226/228, only: Project No./ Lab I.D.
1	MW-392	WT	G				2			2							X		X					24100002-028
2	MW-393	WT	G				2			2							X		X					24100002-029
3	MW-394	WT	G				2			2							X		X					24100002-030
4	OW-156	WT	G				0															X		N/A
5	OW-157	WT	G	10-17-24	1302		0															X		N/A
6	OW-256	WT	G				2			2							X		X					24100002-031
7	OW-257	WT	G				2			2							X		X					24100002-032
8	PZ-170	WT	G				2			2							X		X					24100002-033
9	PZ-174	WT	G				2			2											X			24100002-034
10	PZ-176	WT	G				2			2											X			24100002-035
11	PZ-178	WT	G				2			2											X			24100002-036
12	PZ-182	WT	G				2			2							X		X					24100002-037
13	TPZ-164	WT	G	10-17-24	1217		0										X		X					N/A
14	XPW01	WT	G		1054		0										X		X					N/A
15	XPW05	WT	G		1131		0										X		X					N/A
16	XPW06	WT	G		1018		0										X		X					N/A

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS	Y	N	
BAL-24Q4 Rev 1		10/17/24	1512		10/17/24	1512				
							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 COLP

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 10-17-24

24100002

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:	Sam Davies: samantha.davies@vistracorp.com	Company Name:	Vistra Corp
	Baldwin, IL 62217		Kim Edmiaston Kimberly.Edmiaston@vistracorp.com	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

Requested Analysis Filtered (Y/N)

ITEM #	Section D Required Client Information: SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE	Valid Matrix Codes MATRIX / CODE: DRINKING WATER DW; WATER WT; WASTE WATER WW; PRODUCT P; SOIL/SOLID SL; OIL OL; WIPE WP; AIR AR; OTHER OT; TISSUE TS	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED 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)	Radium 226/228, only: Project No./ Lab I.D.
1	Field Blank		WT	G	10-17-24	1308		2			2							X	X	X	X	X	X		24100002-038
2	MW-304 Duplicate		WT	G				2			2							X	X	X	X	X	X		24100002-039
3	PZ-178 Duplicate		WT	G				2			2											X			24100002-040
4	Equipment Blank 1		WT	G	10-17-24	1331		2			2							X	X	X	X	X	X		24100002-041
5	Equipment Blank 2		WT	G				2			2							X	X	X	X	X	X		24100002-042
6	Equipment Blank 3		WT	G				2			2							X	X	X	X	X	X		24100002-043
7																									
8																									
9																									
10																									
11																									
12																									
13																									
14																									
15																									
16																									

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
BAL-24Q4 Rev 1	Jim Loos-OH	10/17/24	1512	[signature]	10/17/24	1512

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: [illegible]

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 10-17-24

CHAIN-OF-CUSTODY / Analytical Request Document

24100002

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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:	Sam Davies: samantha.davies@vistracorp.com	Company Name:	Vistra Corp
	Baldwin, IL 62217		Kim Edmiaston Kimberly.Edmiaston@vistracorp.com	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	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)	Radium 226/228, only: 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		24100002-001
4	MW-151	WT	G				2			2								X		X		X		24100002-002
5	MW-152	WT	G				2			2								X		X		X		24100002-003
6	MW-153	WT	G				2			2								X		X		X		24100002-004
7	MW-154	WT	G	11-1-24	Dry		0															X		N/A
8	MW-155	WT	G				0															X		N/A
9	MW-192	WT	G				2			2							X		X					24100002-005
10	MW-193	WT	G				2			2							X		X					24100002-006
11	MW-195	WT	G				2			2											X			24100002-007
12	MW-196	WT	G				2			2											X			24100002-008
13	MW-197	WT	G				2			2											X			24100002-009
14	MW-198	WT	G	11-1-24	1042 AD		2			2											X			24100002-010
15	MW-252	WT	G		TB Dm		2			2								X		X		X		24100002-011
16	MW-253R	WT	G	~~11-1-24~~	~~1042~~		2			2								X		X		X		24100002-012

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS: Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
BAL-24Q4 Rev 1		11-1	1324	Jackie Davies	11/1/24	13:24	1.3	Y	N	
MW-195 : collect but hold all analyses pending instruction from Ramboll							5			

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER:

SIGNATURE of SAMPLER: DATE Signed (MM/DD/YY):

Added HNO_3 (99964)
to Sample MW 358R

H96651 JP 11/1/24

* per Brett Gillihan. Dm 11/1/24

CHAIN-OF-CUSTODY / Analytical Request Document

24100002

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Page: 2 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: Sam Davies: samantha.davies@vistracorp.com	Company Name: Vistra Corp
Baldwin, IL 62217	Kim Edmiaston Kimberly.Edmiaston@vistracorp.com	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)	Radium 226/228, only: Project No./ Lab I.D.
1	MW-304	WT	G				2			2							X	X	X	X	X	X		24100002-013
2	MW-350R	WT	G				2			2								X		X		X		24100002-014
3	MW-352	WT	G				2			2								X		X		X		24100002-015
4	MW-355	WT	G				0															X		N/A
5	MW-356	WT	G	TE Dam			2			2							X		X					24100002-016
6	MW-358R	WT	G	~~11-1-24~~	1128		2			2							X	X	X	X	X			24100002-017
7	MW-366	WT	G	11-1-24			2			2								X		X				24100002-018
8	MW-369	WT	G				2			2							X		X					24100002-019
9	MW-370	WT	G				2			2							X		X					24100002-020
10	MW-375	WT	G				2			2								X		X				24100002-021
11	MW-377	WT	G				2			2								X		X				24100002-022
12	MW-382	WT	G				2			2							X		X					24100002-023
13	MW-383	WT	G				2			2								X		X				24100002-024
14	MW-384	WT	G				2			2								X		X				24100002-025
15	MW-390	WT	G				2			2								X		X				24100002-026
16	MW-391R	WT	G				2			2								X		X				24100002-027

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
BAL-24Q4 Rev 1		11-1	1334		11/1/24	13:24	

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):				

CHAIN-OF-CUSTODY / Analytical Request Document

24100002

SDG: 24Z-605

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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:	Sam Davies: samantha.davies@vistracorp.com	Company Name:	Vistra Corp
	Baldwin, IL 62217		Kim Edmiaston Kimberly.Edmiaston@vistracorp.com	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)	Radium 226/228, only: Project No./ Lab I.D.
1	MW-392	WT	G				2			2							X		X					24100002-028
2	MW-393	WT	G				2			2							X		X					24100002-029
3	MW-394	WT	G				2			2							X		X					24100002-030
4	OW-156	WT	G				0															X		N/A
5	OW-157	WT	G				0															X		N/A
6	OW-256	WT	G				2			2							X		X					24100002-031
7	OW-257	WT	G				2			2							X		X					24100002-032
8	PZ-170	WT	G				2			2							X		X					24100002-033
9	PZ-174	WT	G				2			2											X			24100002-034
10	PZ-176	WT	G				2			2											X			24100002-035
11	PZ-178	WT	G				2			2											X			24100002-036
12	PZ-182	WT	G				2			2							X		X					24100002-037
13	TPZ-164	WT	G				0										X		X					N/A
14	XPW01	WT	G				0										X		X					N/A
15	XPW05	WT	G				0										X		X					N/A
16	XPW06	WT	G				0										X		X					N/A

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
BAL-24Q4 Rev 1		11-1	1324		11/1/24	13:24

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:

SIGNATURE of SAMPLER: DATE Signed (MM/DD/YY):

CHAIN-OF-CUSTODY / Analytical Request Document

24100002

SDG: 257-605

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: Sam Davies: samantha.davies@vistracorp.com	Company Name: Vistra Corp
Baldwin, IL 62217	Kim Edmiaston Kimberly.Edmiaston@vistracorp.com	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

Requested Analysis Filtered (Y/N)

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

ITEM #	SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	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-846-601	BAL-845-605	BAL-NE-605	BAL-WPCP-605	Residual Chlorine (Y/N)	Radium 226/228, only: Project No./ Lab I.D.
1	Field Blank	WT	G				2			2							X	X	X	X	X	X		24100002-038
2	MW-304 Duplicate	WT	G				2			2							X	X	X	X	X	X		24100002-039
3	PZ-178 Duplicate	WT	G				2			2											X			24100002-040
4	Equipment Blank 1	WT	G				2			2							X	X	X	X	X	X		24100002-041
5	Equipment Blank 2	WT	G				2			2							X	X	X	X	X	X		24100002-042
6	Equipment Blank 3	WT	G				2			2							X	X	X	X	X	X		24100002-043
7																								
8																								
9																								
10																								
11																								
12																								
13																								
14																								
15																								
16																								

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS	Y	N	
BAL-24Q4 Rev 1		11-1	1324	Jacki Davis	11/1/24	13:24				

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):				

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

Generated 12/4/2024 6:24:48 PM

JOB DESCRIPTION

Radium-226 and Radium-228
24100002

JOB NUMBER

160-55882-1

Eurofins St. Louis
13715 Rider Trail North
Earth City MO 63045

See page two for job notes and contact information.

my EOL

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



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

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CASE NARRATIVE

Client: TekLab, Inc

Project: 24100002

Report Number: 160-55882-1

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.

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 10/18/2024 1:55 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved. The temperatures of the 5 coolers at receipt time were 18.2°C, 18.2°C, 19.3°C, 19.5°C and 20.7°C.

The client requested sample -007 be placed on hold.

Client dropped off samples -010 and -017 on 11/4/2024, to be added to existing job 160-55882. The incorrect chain-of-custody (COC) was dropped off with the samples. The client emailed the updated COC with the correct sample ID's. The original COC dropped with the samples will be included with the final report for relinquished/receipt signature documenation. Additionally, it was determined that sample -022 was inadvertently placed on hold in error. The sample was taken off hold and will be analyzed with samples -010 and -017, with the turn-around-time starting over from 11/4/2024. The email is included with the final report for documenation and reference.

Method 903.0 - Radium-226 (GFPC)
Samples 24100002-001 (160-55882-1), 24100002-002 (160-55882-2), 24100002-003 (160-55882-3), 24100002-004 (160-55882-4), 24100002-005 (160-55882-5), 24100002-006 (160-55882-6), 24100002-008 (160-55882-8), 24100002-009 (160-55882-9), 24100002-011 (160-55882-10), 24100002-012 (160-55882-11), 24100002-013 (160-55882-12), 24100002-014 (160-55882-13), 24100002-015 (160-55882-14), 24100002-016 (160-55882-15), 24100002-018 (160-55882-16), 24100002-019

Job ID: 160-55882-1 (Continued) Eurofins St. Louis

(160-55882-17), 24100002-020 (160-55882-18), 24100002-021 (160-55882-19), 24100002-022 (160-55882-20), 24100002-023 (160-55882-21), 24100002-024 (160-55882-22), 24100002-025 (160-55882-23), 24100002-026 (160-55882-24), 24100002-028 (160-55882-25), 24100002-029 (160-55882-26), 24100002-030 (160-55882-27), 24100002-031 (160-55882-28), 24100002-032 (160-55882-29), 24100002-033 (160-55882-30), 24100002-034 (160-55882-31), 24100002-035 (160-55882-32), 24100002-036 (160-55882-33), 24100002-037 (160-55882-34), 24100002-038 (160-55882-35), 24100002-039 (160-55882-36), 24100002-040 (160-55882-37), 24100002-041 (160-55882-38), 24100002-010 (160-55882-39) and 24100002-017 (160-55882-40) were analyzed for Radium-226 (GFPC). The samples were prepared on 10/22/2024 and 11/5/2024 and analyzed on 11/13/2024, 11/14/2024, 11/20/2024, 11/24/2024 and 11/27/2024.

Method 904.0 - Radium-228 (GFPC)
Samples 24100002-001 (160-55882-1), 24100002-002 (160-55882-2), 24100002-003 (160-55882-3), 24100002-004 (160-55882-4), 24100002-005 (160-55882-5), 24100002-006 (160-55882-6), 24100002-008 (160-55882-8), 24100002-009 (160-55882-9), 24100002-011 (160-55882-10), 24100002-012 (160-55882-11), 24100002-013 (160-55882-12), 24100002-014 (160-55882-13), 24100002-015 (160-55882-14), 24100002-016 (160-55882-15), 24100002-018 (160-55882-16), 24100002-019 (160-55882-17), 24100002-020 (160-55882-18), 24100002-021 (160-55882-19), 24100002-022 (160-55882-20), 24100002-023 (160-55882-21), 24100002-024 (160-55882-22), 24100002-025 (160-55882-23), 24100002-026 (160-55882-24), 24100002-028 (160-55882-25), 24100002-029 (160-55882-26), 24100002-030 (160-55882-27), 24100002-031 (160-55882-28), 24100002-032 (160-55882-29), 24100002-033 (160-55882-30), 24100002-034 (160-55882-31), 24100002-035 (160-55882-32), 24100002-036 (160-55882-33), 24100002-037 (160-55882-34), 24100002-038 (160-55882-35), 24100002-039 (160-55882-36), 24100002-040 (160-55882-37), 24100002-041 (160-55882-38), 24100002-010 (160-55882-39) and 24100002-017 (160-55882-40) were analyzed for Radium-228 (GFPC). The samples were prepared on 10/22/2024 and 11/5/2024 and analyzed on 11/6/2024, 11/7/2024, 11/8/2024 and 11/21/2024.

Batch 160-684534:
The detection goal was not met for the following samples due to the reduced sample volume used in prep attributed to the presence of matrix interferences: 24100002-003 (160-55882-3), 24100002-004 (160-55882-4), 24100002-008 (160-55882-8) and 24100002-009 (160-55882-9). Analytical results are reported with the detection limit achieved.

Batch 160-684538:
The detection goal was not met for the following sample due to the reduced sample volume used in prep attributed to the presence of matrix interferences: 24100002-023 (160-55882-21). Analytical results are reported with the detection limit achieved.

The detection goal was not met for the following samples. The samples and batch QC were prepped at full volume. Matrix interferences are suspected because the method blank achieved the detection goal demonstrating acceptable sample preparation and instrument performance: 24100002-029 (160-55882-26), 24100002-031 (160-55882-28), 24100002-032 (160-55882-29), 24100002-033 (160-55882-30) and 24100002-035 (160-55882-32). Analytical results are reported with the detection limit achieved.

Batch 160-686862:
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. 24100002-017 (160-55882-40)

Method Ra226_Ra228 Pos - Combined Radium-226 and Radium-228
Samples 24100002-001 (160-55882-1), 24100002-002 (160-55882-2), 24100002-003 (160-55882-3), 24100002-004 (160-55882-4), 24100002-005 (160-55882-5), 24100002-006 (160-55882-6), 24100002-008 (160-55882-8), 24100002-009 (160-55882-9), 24100002-011 (160-55882-10), 24100002-012 (160-55882-11), 24100002-013 (160-55882-12), 24100002-014 (160-55882-13), 24100002-015 (160-55882-14), 24100002-016 (160-55882-15), 24100002-018 (160-55882-16), 24100002-019 (160-55882-17), 24100002-020 (160-55882-18), 24100002-021 (160-55882-19), 24100002-022 (160-55882-20), 24100002-023 (160-55882-21), 24100002-024 (160-55882-22), 24100002-025 (160-55882-23), 24100002-026 (160-55882-24), 24100002-028 (160-55882-25), 24100002-029 (160-55882-26), 24100002-030 (160-55882-27), 24100002-031 (160-55882-28), 24100002-032 (160-55882-29), 24100002-033 (160-55882-30), 24100002-034 (160-55882-31), 24100002-035 (160-55882-32), 24100002-036 (160-55882-33), 24100002-037 (160-55882-34), 24100002-038 (160-55882-35), 24100002-039 (160-55882-36), 24100002-040 (160-55882-37), 24100002-041 (160-55882-38), 24100002-010 (160-55882-39) and 24100002-017 (160-55882-40) were analyzed for Combined Radium-226 and Radium-228. The samples were analyzed on 12/2/2024 and 12/4/2024.

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, Inc. | QC Level: 2

Project# 24100002

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: 37147
Phone: (618) 344-1004 ext. 33

* Do not analyze

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									
	24100002-001	10/15/24 12:28pm	HNO3	Groundwater	✔											
	24100002-002	10/16/24 10:20am	HNO3	Groundwater	✔											
	24100002-003	10/16/24 12:31pm	HNO3	Groundwater	✔											
	24100002-004	10/16/24 11:47am	HNO3	Groundwater	✔											
	24100002-005	10/15/24 10:58am	HNO3	Groundwater	✔											
	24100002-006	10/15/24 9:54am	HNO3	Groundwater	✔											
	24100002-007 *	10/17/24 1:18pm	HNO3	Groundwater	✔											
	24100002-008	10/17/24 11:34am	HNO3	Groundwater	✔											
	24100002-009	10/17/24 12:35pm	HNO3	Groundwater	✔											
	24100002-011	10/16/24 11:51am	HNO3	Groundwater	✔											
			HNO3	Groundwater												

160-55882 Chain of Custody

*Relinquished By	Date/Time	Received By	Date/Time
	10/18/24 / 1307		10.18.24 / 1307
	10.18.24 / 1350		10/18/24 1355

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SubCocRevA 3/2/2016

APPENDIX A.
ANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-257-605

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, Inc. | 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# 24100002

Contact: Elizabeth Hurley | Email: EHurley@TekLabInc.com
Requested Due Date: Standard TAT | Billing/PO: 37147 | Phone: (618) 344-1004 ext. 33

PLEASE NOTE:

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Lab Use	Sample ID	Sample Date/Time	Preservative	Matrix	Ra226/228	Radium 226	Radium 228									
	24100002-012	10/16/24 12:15pm	HNO3	Groundwater	✔											
	24100002-013	10/16/24 9:33am	HNO3	Groundwater	✔											
	24100002-014	10/15/24 12:52pm	HNO3	Groundwater	✔											
	24100002-015	10/16/24 11:18am	HNO3	Groundwater	✔											
	24100002-016	10/16/24 2:26pm	HNO3	Groundwater	✔											
	24100002-018	10/15/24 12:04pm	HNO3	Groundwater	✔											
	24100002-019	10/15/24 11:25am	HNO3	Groundwater	✔											
	24100002-020	10/15/24 1:56pm	HNO3	Groundwater	✔											
	24100002-021	10/16/24 1:04pm	HNO3	Groundwater	✔											
	24100002-022	10/16/24 1:39pm	HNO3	Groundwater	✔											
			HNO3	Groundwater												

*Relinquished By	Date/Time	Received By	Date/Time
	10/18/24 1307		10/18/24 1307 SW 10/18/24
	10/18/24 1355		10/18/24 1335 1355

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SubCocRevA 3/2/2016

ANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-257-605
APPENDIX A.

12/4/2024

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, Inc. | 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# 24100002

Contact: Elizabeth Hurley | Email: EHurley@TekLabInc.com
Requested Due Date: Standard TAT | Billing/PO: 37147
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									
	24100002-023	10/15/24 1:32pm	HNO3	Groundwater	✔											
	24100002-024	10/14/24 1:41pm	HNO3	Groundwater	✔											
	24100002-025	10/14/24 2:16pm	HNO3	Groundwater	✔											
	24100002-026	10/15/24 11:46am	HNO3	Groundwater	✔											
	24100002-028	10/15/24 10:38am	HNO3	Groundwater	✔											
	24100002-029	10/15/24 10:14am	HNO3	Groundwater	✔											
	24100002-030	10/15/24 9:29am	HNO3	Groundwater	✔											
	24100002-031	10/15/24 11:40am	HNO3	Groundwater	✔											
	24100002-032	10/14/24 1:06pm	HNO3	Groundwater	✔											
	24100002-033	10/14/24 11:44am	HNO3	Groundwater	✔											
			HNO3	Groundwater												

*Relinquished By	Date/Time	Received By	Date/Time
	10/18/24 1307		10/18/24 1307 SW
	10/18/24 1355		10/18/24 ~~1355~~ 1355

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TEKLAB, INC. Chain of Custody

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

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

Teklab Inc
5445 Horseshoe Lake Road
Collinsville, IL 62234

Cooler Temp: | Sampler: Teklab, Inc. | QC Level: 2

Project# 24100002

Comments: **Please Issue reports and invoices via email only**
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Contact: Elizabeth Hurley | Email: EHurley@TekLabInc.com
Requested Due Date: Standard TAT | Billing/PO: 37147 | 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									
	24100002-034	10/15/24 12:40pm	HNO3	Groundwater	✔											
	24100002-035	10/15/24 1:34pm	HNO3	Groundwater	✔											
	24100002-036	10/15/24 2:31pm	HNO3	Groundwater	✔											
	24100002-037	10/15/24 10:38am	HNO3	Groundwater	✔											
	24100002-038	10/17/24 1:08pm	HNO3	Aqueous	✔											
	24100002-039	10/16/24 9:33am	HNO3	Groundwater	✔											
	24100002-040	10/15/24 2:31pm	HNO3	Groundwater	✔											
	24100002-041	10/17/24 1:31pm	HNO3	Aqueous	✔											
			HNO3	Aqueous												
			HNO3	Aqueous												
			HNO3	Groundwater												

*Relinquished By	Date/Time	Received By	Date/Time
	10/18/24 1300		10.18.24 1300 SW 10/18/24
	10.18.24 1355	M. Pinette	10/18/24 1355

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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 Sampling Team QC Level: 2

Project# 24100002

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: 37147
Phone: (618) 344-1004 ext. 33

Please add to original workorder and PO. Thanks

PLEASE NOTE:

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Lab Use	Sample ID	Sample Date/Time	Preservative	Matrix	Ra226/228	Radium 226	Radium 228
	24100002-001	11/1/24 1042	HNO3	Groundwater	✔		
	24100002-002	11/1/24 1128	HNO3	Groundwater	✔		
			HNO3	Groundwater			
			HNO3	Groundwater			
			HNO3	Groundwater			
			HNO3	Groundwater			
			HNO3	Aqueous			
			HNO3	Aqueous			
			HNO3	Aqueous			
			HNO3	Groundwater			
			HNO3	Groundwater			

160-55882 Chain of Custody

*Relinquished By	Date/Time	Received By	Date/Time
	11/4/24 1100		11.4.24 1100
	11/4/24 1226		11/4/24 1226

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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 Sampling Team 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# 24100002

Contact: Elizabeth Hurley Email: EHurley@TekLabInc.com
Requested Due Date: Standard TAT Billing/PO: 37147
Phone: (618) 344-1004 ext. 33

Please add to original workorder and PO. Thanks

PLEASE NOTE:

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EDT 11/4/24

Lab Use	Sample ID	Sample Date/Time	Preservative	Matrix	Ra226/228	Radium 226	Radium 228									
	24100002-~~001~~ 010	11/1/24 1042	HNO3	Groundwater	✔											
	24100002-~~002~~ 017	11/1/24 1128	HNO3	Groundwater	✔											
			HNO3	Groundwater												
			HNO3	Groundwater												
			HNO3	Groundwater												
			HNO3	Groundwater												
			HNO3	Aqueous												
			HNO3	Aqueous												
			HNO3	Aqueous												
			HNO3	Groundwater												
			HNO3	Groundwater												

*Relinquished By	Date/Time	Received By	Date/Time
Dana Dale	11/4/24		

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SubCocRevA
3/2/2016

Erika Jordan

From: Elizabeth A. Hurley <EHurley@TekLabInc.com>
Sent: Monday, November 4, 2024 2:10 PM
To: Erika Jordan
Subject: RE: Teklab WO# 24100002 (corrected COC)

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

Hi, Erika,

These samples should have been delivered to Eurofins, today. It should be 24100002-010 and 24100002-017. They were dry when we were at the site mid-October, but we were able to get volume on 11/1. They client wants the site on a single Teklab report which is why it's under the same WO# and PO#. If you're able to add them to 160-55882, that would be helpful.

24100002-007 should not be analyzed; they want us to collect but not report.

24100002-022 shouldn't have had any marking; it was good to run from the start.

24100002-027 was dry, so you shouldn't have that one on the list at all.

My apologies for the confusion.

Thanks,

Elizabeth Hurley
Director of Customer Service



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

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From: Erika Jordan <Erika.Jordan@et.eurofinsus.com>
Sent: Monday, November 4, 2024 1:04 PM
To: Elizabeth A. Hurley <EHurley@TekLabInc.com>
Subject: RE: Teklab WO# 24100002 (corrected COC)

Hi Elizabeth!

Were these samples dropped off today?

Are you talking about samples 24100002-007 and 24100002-022?

If so, do you want them added to the existing job; 160-55882 or logged into their own job?

Thank you!

Erika Jordan-Smith
Senior Project Manager

Phone: 314-787-8225
E-mail: Erika.Jordan@ET.EurofinsUS.com

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

From: Elizabeth A. Hurley <EHurley@TekLabInc.com>
Sent: Monday, November 4, 2024 12:57 PM
To: Erika Jordan <Erika.Jordan@et.eurofinsus.com>
Subject: Teklab WO# 24100002 (corrected COC)

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

Hi, Erika,

Teklab's field team resampled for WO# 24100002 and got volume for 2 wells that were previously dry. The COC that accompanied the samples listed them as -001 and -002, in error. The corrected chain of custody (page 5) is attached.

My apologies for the error.

Best,

Elizabeth Hurley
Director of Customer Service



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

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Login Sample Receipt Checklist

Client: TekLab, Inc

Job Number: 160-55882-1
SDG Number: 24100002

Login Number: 55882
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 39 and 40 were received 11/4/24
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	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

Definitions/Glossary

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: 160-55882-1
SDG: 24100002

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: 160-55882-1
SDG: 24100002

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
160-55882-1	24100002-001	Water	10/15/24 12:28	10/18/24 13:55
160-55882-2	24100002-002	Water	10/16/24 10:20	10/18/24 13:55
160-55882-3	24100002-003	Water	10/16/24 12:31	10/18/24 13:55
160-55882-4	24100002-004	Water	10/16/24 11:47	10/18/24 13:55
160-55882-5	24100002-005	Water	10/15/24 10:58	10/18/24 13:55
160-55882-6	24100002-006	Water	10/15/24 09:54	10/18/24 13:55
160-55882-8	24100002-008	Water	10/17/24 11:34	10/18/24 13:55
160-55882-9	24100002-009	Water	10/17/24 12:35	10/18/24 13:55
160-55882-10	24100002-011	Water	10/16/24 11:51	10/18/24 13:55
160-55882-11	24100002-012	Water	10/16/24 12:15	10/18/24 13:55
160-55882-12	24100002-013	Water	10/16/24 09:33	10/18/24 13:55
160-55882-13	24100002-014	Water	10/15/24 12:52	10/18/24 13:55
160-55882-14	24100002-015	Water	10/16/24 11:18	10/18/24 13:55
160-55882-15	24100002-016	Water	10/16/24 14:26	10/18/24 13:55
160-55882-16	24100002-018	Water	10/15/24 12:04	10/18/24 13:55
160-55882-17	24100002-019	Water	10/15/24 11:25	10/18/24 13:55
160-55882-18	24100002-020	Water	10/15/24 13:56	10/18/24 13:55
160-55882-19	24100002-021	Water	10/16/24 13:04	10/18/24 13:55
160-55882-20	24100002-022	Water	10/16/24 13:39	10/18/24 13:55
160-55882-21	24100002-023	Water	10/15/24 13:32	10/18/24 13:55
160-55882-22	24100002-024	Water	10/14/24 13:41	10/18/24 13:55
160-55882-23	24100002-025	Water	10/14/24 14:16	10/18/24 13:55
160-55882-24	24100002-026	Water	10/15/24 11:46	10/18/24 13:55
160-55882-25	24100002-028	Water	10/15/24 10:38	10/18/24 13:55
160-55882-26	24100002-029	Water	10/15/24 10:14	10/18/24 13:55
160-55882-27	24100002-030	Water	10/15/24 09:29	10/18/24 13:55
160-55882-28	24100002-031	Water	10/15/24 11:40	10/18/24 13:55
160-55882-29	24100002-032	Water	10/14/24 13:06	10/18/24 13:55
160-55882-30	24100002-033	Water	10/14/24 11:44	10/18/24 13:55
160-55882-31	24100002-034	Water	10/15/24 12:40	10/18/24 13:55
160-55882-32	24100002-035	Water	10/15/24 13:34	10/18/24 13:55
160-55882-33	24100002-036	Water	10/15/24 14:31	10/18/24 13:55
160-55882-34	24100002-037	Water	10/15/24 10:38	10/18/24 13:55
160-55882-35	24100002-038	Water	10/17/24 13:08	10/18/24 13:55
160-55882-36	24100002-039	Water	10/16/24 09:33	10/18/24 13:55
160-55882-37	24100002-040	Water	10/15/24 14:31	10/18/24 13:55
160-55882-38	24100002-041	Water	10/17/24 13:31	10/18/24 13:55
160-55882-39	24100002-010	Water	11/01/24 10:42	10/18/24 13:55
160-55882-40	24100002-017	Water	11/01/24 11:28	10/18/24 13:55

Client Sample Results

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

Lab ID: 160-55882-1
SDG: 24100002

Client Sample ID: 24100002-001
Date Collected: 10/15/24 12:28
Date Received: 10/18/24 13:55

Lab Sample ID: 160-55882-1
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	0.0873	U	0.0816	0.0820	1.00	0.124	pCi/L	10/22/24 08:15	11/13/24 20:38	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*83.3*		*30 - 110*	*10/22/24 08:15*	*11/13/24 20:38*	*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	0.166	U	0.384	0.384	1.00	0.669	pCi/L	10/22/24 08:20	11/08/24 12:07	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*83.3*		*30 - 110*	*10/22/24 08:20*	*11/08/24 12:07*	*1*
Y Carrier	*81.9*		*30 - 110*	*10/22/24 08:20*	*11/08/24 12:07*	*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	0.253	U	0.393	0.393	5.00	0.669	pCi/L		12/02/24 12:58	1

Client Sample ID: 24100002-002
Date Collected: 10/16/24 10:20
Date Received: 10/18/24 13:55

Lab Sample ID: 160-55882-2
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	0.0834	U	0.103	0.104	1.00	0.171	pCi/L	10/22/24 08:15	11/13/24 20:38	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*92.2*		*30 - 110*	*10/22/24 08:15*	*11/13/24 20:38*	*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	0.0643	U	0.351	0.351	1.00	0.636	pCi/L	10/22/24 08:20	11/08/24 12:08	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*92.2*		*30 - 110*	*10/22/24 08:20*	*11/08/24 12:08*	*1*
Y Carrier	*75.9*		*30 - 110*	*10/22/24 08:20*	*11/08/24 12:08*	*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	0.148	U	0.366	0.366	5.00	0.636	pCi/L		12/02/24 12:58	1

Client Sample Results

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

Lab ID: 160-55882-1
SDG: 24100002

Client Sample ID: 24100002-003
Date Collected: 10/16/24 12:31
Date Received: 10/18/24 13:55

Lab Sample ID: 160-55882-3
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	0.203	U	0.167	0.168	1.00	0.250	pCi/L	10/22/24 08:15	11/13/24 20:38	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*102*		*30 - 110*	*10/22/24 08:15*	*11/13/24 20:38*	*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	0.566	U G	0.629	0.631	1.00	1.03	pCi/L	10/22/24 08:20	11/08/24 12:08	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*102*		*30 - 110*	*10/22/24 08:20*	*11/08/24 12:08*	*1*
Y Carrier	*78.1*		*30 - 110*	*10/22/24 08:20*	*11/08/24 12:08*	*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	0.768	U	0.651	0.653	5.00	1.03	pCi/L		12/02/24 12:58	1

Client Sample ID: 24100002-004
Date Collected: 10/16/24 11:47
Date Received: 10/18/24 13:55

Lab Sample ID: 160-55882-4
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	**0.590**		0.227	0.233	1.00	0.220	pCi/L	10/22/24 08:15	11/13/24 20:39	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*90.6*		*30 - 110*	*10/22/24 08:15*	*11/13/24 20:39*	*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	-0.116	U G	0.522	0.523	1.00	1.03	pCi/L	10/22/24 08:20	11/08/24 12:08	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*90.6*		*30 - 110*	*10/22/24 08:20*	*11/08/24 12:08*	*1*
Y Carrier	*84.5*		*30 - 110*	*10/22/24 08:20*	*11/08/24 12:08*	*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	0.590	U	0.569	0.573	5.00	1.03	pCi/L		12/02/24 12:58	1

Client Sample Results

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

Lab ID: 160-55882-1
SDG: 24100002

Client Sample ID: 24100002-005
Date Collected: 10/15/24 10:58
Date Received: 10/18/24 13:55

Lab Sample ID: 160-55882-5
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	**0.0966**		0.0661	0.0666	1.00	0.0845	pCi/L	10/22/24 08:15	11/13/24 20:39	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*105*		*30 - 110*	*10/22/24 08:15*	*11/13/24 20:39*	*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	0.192	U	0.278	0.279	1.00	0.470	pCi/L	10/22/24 08:20	11/08/24 12:08	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*105*		*30 - 110*	*10/22/24 08:20*	*11/08/24 12:08*	*1*
Y Carrier	*81.5*		*30 - 110*	*10/22/24 08:20*	*11/08/24 12:08*	*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	0.288	U	0.286	0.287	5.00	0.470	pCi/L		12/02/24 12:58	1

Client Sample ID: 24100002-006
Date Collected: 10/15/24 09:54
Date Received: 10/18/24 13:55

Lab Sample ID: 160-55882-6
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	**0.203**		0.0973	0.0990	1.00	0.113	pCi/L	10/22/24 08:15	11/13/24 20:39	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*101*		*30 - 110*	*10/22/24 08:15*	*11/13/24 20:39*	*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	0.247	U	0.277	0.278	1.00	0.452	pCi/L	10/22/24 08:20	11/08/24 12:08	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*101*		*30 - 110*	*10/22/24 08:20*	*11/08/24 12:08*	*1*
Y Carrier	*82.6*		*30 - 110*	*10/22/24 08:20*	*11/08/24 12:08*	*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	0.449	U	0.294	0.295	5.00	0.452	pCi/L		12/02/24 12:58	1

Client Sample Results

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

Lab ID: 160-55882-1
SDG: 24100002

Client Sample ID: 24100002-008
Date Collected: 10/17/24 11:34
Date Received: 10/18/24 13:55

Lab Sample ID: 160-55882-8
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	**0.571**		0.284	0.288	1.00	0.336	pCi/L	10/22/24 08:15	11/13/24 20:39	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*60.0*		*30 - 110*	*10/22/24 08:15*	*11/13/24 20:39*	*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	1.63	U G	1.09	1.11	1.00	1.64	pCi/L	10/22/24 08:20	11/08/24 12:08	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*60.0*		*30 - 110*	*10/22/24 08:20*	*11/08/24 12:08*	*1*
Y Carrier	*81.9*		*30 - 110*	*10/22/24 08:20*	*11/08/24 12:08*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	**2.20**		1.13	1.15	5.00	1.64	pCi/L		12/02/24 12:58	1

Client Sample ID: 24100002-009
Date Collected: 10/17/24 12:35
Date Received: 10/18/24 13:55

Lab Sample ID: 160-55882-9
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	**0.703**		0.320	0.326	1.00	0.348	pCi/L	10/22/24 08:15	11/13/24 20:41	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*52.9*		*30 - 110*	*10/22/24 08:15*	*11/13/24 20:41*	*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	1.14	U G	1.23	1.23	1.00	2.00	pCi/L	10/22/24 08:20	11/08/24 12:08	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*52.9*		*30 - 110*	*10/22/24 08:20*	*11/08/24 12:08*	*1*
Y Carrier	*81.5*		*30 - 110*	*10/22/24 08:20*	*11/08/24 12:08*	*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	1.84	U	1.27	1.27	5.00	2.00	pCi/L		12/02/24 12:58	1

Client Sample ID: 24100002-011
Date Collected: 10/16/24 11:51
Date Received: 10/18/24 13:55

Lab Sample ID: 160-55882-10
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	0.0849	U	0.0807	0.0811	1.00	0.124	pCi/L	10/22/24 08:15	11/13/24 20:41	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*87.1*		*30 - 110*	*10/22/24 08:15*	*11/13/24 20:41*	*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	**0.891**		0.488	0.495	1.00	0.680	pCi/L	10/22/24 08:20	11/08/24 12:08	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*87.1*		*30 - 110*	*10/22/24 08:20*	*11/08/24 12:08*	*1*
Y Carrier	*62.1*		*30 - 110*	*10/22/24 08:20*	*11/08/24 12:08*	*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	**0.976**		0.495	0.502	5.00	0.680	pCi/L		12/02/24 12:58	1

Client Sample ID: 24100002-012
Date Collected: 10/16/24 12:15
Date Received: 10/18/24 13:55

Lab Sample ID: 160-55882-11
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	**0.219**		0.100	0.102	1.00	0.108	pCi/L	10/22/24 08:15	11/13/24 20:41	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*96.2*		*30 - 110*	*10/22/24 08:15*	*11/13/24 20:41*	*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	0.455	U	0.406	0.408	1.00	0.638	pCi/L	10/22/24 08:20	11/08/24 12:09	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*96.2*		*30 - 110*	*10/22/24 08:20*	*11/08/24 12:09*	*1*
Y Carrier	*62.1*		*30 - 110*	*10/22/24 08:20*	*11/08/24 12:09*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	**0.674**		0.418	0.421	5.00	0.638	pCi/L		12/02/24 12:58	1

Client Sample ID: 24100002-013
Date Collected: 10/16/24 09:33
Date Received: 10/18/24 13:55

Lab Sample ID: 160-55882-12
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	0.147		0.0860	0.0871	1.00	0.101	pCi/L	10/22/24 08:15	11/13/24 20:41	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*86.6*		*30 - 110*	*10/22/24 08:15*	*11/13/24 20:41*	*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	0.372	U	0.435	0.437	1.00	0.717	pCi/L	10/22/24 08:20	11/08/24 12:09	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*86.6*		*30 - 110*	*10/22/24 08:20*	*11/08/24 12:09*	*1*
Y Carrier	*72.9*		*30 - 110*	*10/22/24 08:20*	*11/08/24 12:09*	*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	0.518	U	0.443	0.446	5.00	0.717	pCi/L		12/02/24 12:58	1

Client Sample ID: 24100002-014
Date Collected: 10/15/24 12:52
Date Received: 10/18/24 13:55

Lab Sample ID: 160-55882-13
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	0.336		0.122	0.126	1.00	0.116	pCi/L	10/22/24 08:15	11/13/24 20:41	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*91.6*		*30 - 110*	*10/22/24 08:15*	*11/13/24 20:41*	*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	0.155	U	0.319	0.320	1.00	0.558	pCi/L	10/22/24 08:20	11/08/24 12:09	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*91.6*		*30 - 110*	*10/22/24 08:20*	*11/08/24 12:09*	*1*
Y Carrier	*78.9*		*30 - 110*	*10/22/24 08:20*	*11/08/24 12:09*	*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	0.491	U	0.342	0.344	5.00	0.558	pCi/L		12/02/24 12:58	1

Client Sample ID: 24100002-015
Date Collected: 10/16/24 11:18
Date Received: 10/18/24 13:55

Lab Sample ID: 160-55882-14
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	0.392		0.135	0.139	1.00	0.128	pCi/L	10/22/24 08:15	11/13/24 20:41	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*88.6*		*30 - 110*	*10/22/24 08:15*	*11/13/24 20:41*	*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	0.0688	U	0.415	0.415	1.00	0.747	pCi/L	10/22/24 08:20	11/08/24 12:09	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*88.6*		*30 - 110*	*10/22/24 08:20*	*11/08/24 12:09*	*1*
Y Carrier	*74.8*		*30 - 110*	*10/22/24 08:20*	*11/08/24 12:09*	*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	0.461	U	0.436	0.438	5.00	0.747	pCi/L		12/02/24 12:58	1

Client Sample ID: 24100002-016
Date Collected: 10/16/24 14:26
Date Received: 10/18/24 13:55

Lab Sample ID: 160-55882-15
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	0.0467	U	0.0631	0.0632	1.00	0.106	pCi/L	10/22/24 08:15	11/13/24 20:41	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*106*		*30 - 110*	*10/22/24 08:15*	*11/13/24 20:41*	*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	0.0991	U	0.249	0.250	1.00	0.444	pCi/L	10/22/24 08:20	11/08/24 12:09	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*106*		*30 - 110*	*10/22/24 08:20*	*11/08/24 12:09*	*1*
Y Carrier	*80.0*		*30 - 110*	*10/22/24 08:20*	*11/08/24 12:09*	*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	0.146	U	0.257	0.258	5.00	0.444	pCi/L		12/02/24 12:58	1

Client Sample ID: 24100002-018
Date Collected: 10/15/24 12:04
Date Received: 10/18/24 13:55

Lab Sample ID: 160-55882-16
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	0.0697	U	0.0701	0.0704	1.00	0.110	pCi/L	10/22/24 08:33	11/20/24 21:39	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*89.9*		*30 - 110*	*10/22/24 08:33*	*11/20/24 21:39*	*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	0.0713	U	0.317	0.317	1.00	0.576	pCi/L	10/22/24 08:39	11/08/24 12:10	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*89.9*		*30 - 110*	*10/22/24 08:39*	*11/08/24 12:10*	*1*
Y Carrier	*77.4*		*30 - 110*	*10/22/24 08:39*	*11/08/24 12:10*	*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	0.141	U	0.325	0.325	5.00	0.576	pCi/L		12/02/24 12:57	1

Client Sample ID: 24100002-019
Date Collected: 10/15/24 11:25
Date Received: 10/18/24 13:55

Lab Sample ID: 160-55882-17
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	**0.218**		0.115	0.117	1.00	0.152	pCi/L	10/22/24 08:33	11/20/24 21:39	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*75.7*		*30 - 110*	*10/22/24 08:33*	*11/20/24 21:39*	*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	-0.0585	U	0.372	0.372	1.00	0.720	pCi/L	10/22/24 08:39	11/08/24 12:10	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*75.7*		*30 - 110*	*10/22/24 08:39*	*11/08/24 12:10*	*1*
Y Carrier	*72.9*		*30 - 110*	*10/22/24 08:39*	*11/08/24 12:10*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.218	U	0.389	0.390	5.00	0.720	pCi/L		12/02/24 12:57	1

Client Sample Results

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

Lab ID: 160-55882-1
SDG: 24100002

Client Sample ID: 24100002-020
Date Collected: 10/15/24 13:56
Date Received: 10/18/24 13:55

Lab Sample ID: 160-55882-18
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	**0.569**		0.137	0.146	1.00	0.0920	pCi/L	10/22/24 08:33	11/24/24 05:41	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*78.2*		*30 - 110*	*10/22/24 08:33*	*11/24/24 05:41*	*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	0.0262	U	0.334	0.334	1.00	0.629	pCi/L	10/22/24 08:39	11/08/24 12:10	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*78.2*		*30 - 110*	*10/22/24 08:39*	*11/08/24 12:10*	*1*
Y Carrier	*78.1*		*30 - 110*	*10/22/24 08:39*	*11/08/24 12:10*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.595	U	0.361	0.365	5.00	0.629	pCi/L		12/02/24 12:57	1

Client Sample ID: 24100002-021
Date Collected: 10/16/24 13:04
Date Received: 10/18/24 13:55

Lab Sample ID: 160-55882-19
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	**0.330**		0.135	0.138	1.00	0.164	pCi/L	10/22/24 08:33	11/24/24 05:41	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*69.9*		*30 - 110*	*10/22/24 08:33*	*11/24/24 05:41*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	-0.180	U	0.396	0.397	1.00	0.797	pCi/L	10/22/24 08:39	11/08/24 12:10	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*69.9*		*30 - 110*	*10/22/24 08:39*	*11/08/24 12:10*	*1*
Y Carrier	*75.9*		*30 - 110*	*10/22/24 08:39*	*11/08/24 12:10*	*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	0.330	U	0.418	0.420	5.00	0.797	pCi/L		12/02/24 12:57	1

Client Sample ID: 24100002-022
Date Collected: 10/16/24 13:39
Date Received: 10/18/24 13:55

Lab Sample ID: 160-55882-20
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	0.153		0.0937	0.0947	1.00	0.120	pCi/L	11/05/24 08:14	11/27/24 07:46	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*86.6*		*30 - 110*	*11/05/24 08:14*	*11/27/24 07:46*	*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	0.533	U	0.398	0.401	1.00	0.602	pCi/L	11/05/24 08:18	11/21/24 14:55	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*86.6*		*30 - 110*	*11/05/24 08:18*	*11/21/24 14:55*	*1*
Y Carrier	*77.4*		*30 - 110*	*11/05/24 08:18*	*11/21/24 14:55*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.686		0.409	0.412	5.00	0.602	pCi/L		12/02/24 17:11	1

Client Sample ID: 24100002-023
Date Collected: 10/15/24 13:32
Date Received: 10/18/24 13:55

Lab Sample ID: 160-55882-21
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	0.300		0.163	0.165	1.00	0.211	pCi/L	10/22/24 08:33	11/24/24 05:41	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*89.9*		*30 - 110*	*10/22/24 08:33*	*11/24/24 05:41*	*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	0.0346	U G	0.688	0.688	1.00	1.27	pCi/L	10/22/24 08:39	11/08/24 12:10	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*89.9*		*30 - 110*	*10/22/24 08:39*	*11/08/24 12:10*	*1*
Y Carrier	*75.1*		*30 - 110*	*10/22/24 08:39*	*11/08/24 12:10*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.335	U	0.707	0.708	5.00	1.27	pCi/L		12/02/24 12:57	1

Client Sample Results

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

Lab ID: 160-55882-1
SDG: 24100002

Client Sample ID: 24100002-024
Date Collected: 10/14/24 13:41
Date Received: 10/18/24 13:55

Lab Sample ID: 160-55882-22
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	0.0418	U	0.0527	0.0529	1.00	0.0871	pCi/L	10/22/24 08:33	11/24/24 05:42	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*85.3*		*30 - 110*	*10/22/24 08:33*	*11/24/24 05:42*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.339	U	0.380	0.381	1.00	0.622	pCi/L	10/22/24 08:39	11/08/24 12:10	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*85.3*		*30 - 110*	*10/22/24 08:39*	*11/08/24 12:10*	*1*
Y Carrier	*77.4*		*30 - 110*	*10/22/24 08:39*	*11/08/24 12:10*	*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	0.381	U	0.384	0.385	5.00	0.622	pCi/L		12/02/24 12:57	1

Client Sample ID: 24100002-025
Date Collected: 10/14/24 14:16
Date Received: 10/18/24 13:55

Lab Sample ID: 160-55882-23
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	0.0302	U	0.0426	0.0427	1.00	0.0724	pCi/L	10/22/24 08:33	11/24/24 05:42	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*90.4*		*30 - 110*	*10/22/24 08:33*	*11/24/24 05:42*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	-0.0421	U	0.299	0.299	1.00	0.578	pCi/L	10/22/24 08:39	11/08/24 12:10	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*90.4*		*30 - 110*	*10/22/24 08:39*	*11/08/24 12:10*	*1*
Y Carrier	*76.6*		*30 - 110*	*10/22/24 08:39*	*11/08/24 12:10*	*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	0.0302	U	0.302	0.302	5.00	0.578	pCi/L		12/02/24 12:57	1

Client Sample Results

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

Lab ID: 160-55882-1
SDG: 24100002

Client Sample ID: 24100002-026
Date Collected: 10/15/24 11:46
Date Received: 10/18/24 13:55

Lab Sample ID: 160-55882-24
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	**0.219**		0.0934	0.0955	1.00	0.101	pCi/L	10/22/24 08:33	11/24/24 05:42	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*82.3*		*30 - 110*	*10/22/24 08:33*	*11/24/24 05:42*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.175	U	0.344	0.344	1.00	0.601	pCi/L	10/22/24 08:39	11/08/24 12:11	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*82.3*		*30 - 110*	*10/22/24 08:39*	*11/08/24 12:11*	*1*
Y Carrier	*73.6*		*30 - 110*	*10/22/24 08:39*	*11/08/24 12:11*	*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	0.394	U	0.356	0.357	5.00	0.601	pCi/L		12/02/24 12:57	1

Client Sample ID: 24100002-028
Date Collected: 10/15/24 10:38
Date Received: 10/18/24 13:55

Lab Sample ID: 160-55882-25
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	**0.109**		0.0684	0.0691	1.00	0.0906	pCi/L	10/22/24 08:33	11/24/24 05:42	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*95.4*		*30 - 110*	*10/22/24 08:33*	*11/24/24 05:42*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	-0.264	U	0.296	0.297	1.00	0.621	pCi/L	10/22/24 08:39	11/08/24 12:11	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*95.4*		*30 - 110*	*10/22/24 08:39*	*11/08/24 12:11*	*1*
Y Carrier	*81.1*		*30 - 110*	*10/22/24 08:39*	*11/08/24 12:11*	*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	0.109	U	0.304	0.305	5.00	0.621	pCi/L		12/02/24 12:57	1

Client Sample Results

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

Lab ID: 160-55882-1
SDG: 24100002

Client Sample ID: 24100002-029
Date Collected: 10/15/24 10:14
Date Received: 10/18/24 13:55

Lab Sample ID: 160-55882-26
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	0.0724	U	0.0614	0.0618	1.00	0.0900	pCi/L	10/22/24 08:33	11/24/24 05:42	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*87.6*		*30 - 110*	*10/22/24 08:33*	*11/24/24 05:42*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	-0.153	U G	0.565	0.566	1.00	1.07	pCi/L	10/22/24 08:39	11/08/24 13:22	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*87.6*		*30 - 110*	*10/22/24 08:39*	*11/08/24 13:22*	*1*
Y Carrier	*66.9*		*30 - 110*	*10/22/24 08:39*	*11/08/24 13:22*	*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	0.0724	U	0.568	0.569	5.00	1.07	pCi/L		12/02/24 12:57	1

Client Sample ID: 24100002-030
Date Collected: 10/15/24 09:29
Date Received: 10/18/24 13:55

Lab Sample ID: 160-55882-27
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	**0.173**		0.0808	0.0823	1.00	0.0891	pCi/L	10/22/24 08:33	11/24/24 05:43	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*87.3*		*30 - 110*	*10/22/24 08:33*	*11/24/24 05:43*	*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	0.361	U	0.520	0.521	1.00	0.876	pCi/L	10/22/24 08:39	11/08/24 13:21	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*87.3*		*30 - 110*	*10/22/24 08:39*	*11/08/24 13:21*	*1*
Y Carrier	*71.0*		*30 - 110*	*10/22/24 08:39*	*11/08/24 13:21*	*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	0.534	U	0.526	0.527	5.00	0.876	pCi/L		12/02/24 12:57	1

Client Sample Results

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

Lab ID: 160-55882-1
SDG: 24100002

Client Sample ID: 24100002-031
Date Collected: 10/15/24 11:40
Date Received: 10/18/24 13:55

Lab Sample ID: 160-55882-28
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	**0.112**		0.0707	0.0714	1.00	0.0907	pCi/L	10/22/24 08:33	11/24/24 05:43	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*84.6*		*30 - 110*	*10/22/24 08:33*	*11/24/24 05:43*	*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	0.288	U G	0.603	0.604	1.00	1.05	pCi/L	10/22/24 08:39	11/08/24 13:22	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*84.6*		*30 - 110*	*10/22/24 08:39*	*11/08/24 13:22*	*1*
Y Carrier	*61.7*		*30 - 110*	*10/22/24 08:39*	*11/08/24 13:22*	*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	0.400	U	0.607	0.608	5.00	1.05	pCi/L		12/02/24 12:57	1

Client Sample ID: 24100002-032
Date Collected: 10/14/24 13:06
Date Received: 10/18/24 13:55

Lab Sample ID: 160-55882-29
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	**0.470**		0.128	0.135	1.00	0.0868	pCi/L	10/22/24 08:33	11/24/24 05:43	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*72.2*		*30 - 110*	*10/22/24 08:33*	*11/24/24 05:43*	*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	0.490	U G	0.853	0.855	1.00	1.46	pCi/L	10/22/24 08:39	11/08/24 13:23	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*72.2*		*30 - 110*	*10/22/24 08:39*	*11/08/24 13:23*	*1*
Y Carrier	*60.9*		*30 - 110*	*10/22/24 08:39*	*11/08/24 13:23*	*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	0.960	U	0.863	0.866	5.00	1.46	pCi/L		12/02/24 12:57	1

Client Sample Results

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

Job ID: 160-55882-1
SDG: 24100002

Client Sample ID: 24100002-033
Date Collected: 10/14/24 11:44
Date Received: 10/18/24 13:55

Lab Sample ID: 160-55882-30
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	0.0880	U	0.0715	0.0720	1.00	0.105	pCi/L	10/22/24 08:33	11/24/24 05:44	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*81.3*		*30 - 110*	*10/22/24 08:33*	*11/24/24 05:44*	*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	0.484	U G	0.683	0.685	1.00	1.15	pCi/L	10/22/24 08:39	11/08/24 13:24	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*81.3*		*30 - 110*	*10/22/24 08:39*	*11/08/24 13:24*	*1*
Y Carrier	*71.4*		*30 - 110*	*10/22/24 08:39*	*11/08/24 13:24*	*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	0.572	U	0.687	0.689	5.00	1.15	pCi/L		12/02/24 12:57	1

Client Sample ID: 24100002-034
Date Collected: 10/15/24 12:40
Date Received: 10/18/24 13:55

Lab Sample ID: 160-55882-31
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	0.0494	U	0.0588	0.0590	1.00	0.0959	pCi/L	10/22/24 08:33	11/24/24 05:44	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*85.1*		*30 - 110*	*10/22/24 08:33*	*11/24/24 05:44*	*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	0.596	U	0.580	0.582	1.00	0.931	pCi/L	10/22/24 08:39	11/08/24 13:23	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*85.1*		*30 - 110*	*10/22/24 08:39*	*11/08/24 13:23*	*1*
Y Carrier	*74.4*		*30 - 110*	*10/22/24 08:39*	*11/08/24 13:23*	*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	0.645	U	0.583	0.585	5.00	0.931	pCi/L		12/02/24 12:57	1

Client Sample ID: 24100002-035
Date Collected: 10/15/24 13:34
Date Received: 10/18/24 13:55

Lab Sample ID: 160-55882-32
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	0.101		0.0608	0.0615	1.00	0.0700	pCi/L	10/22/24 08:33	11/24/24 05:44	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*90.9*		*30 - 110*	*10/22/24 08:33*	*11/24/24 05:44*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.364	U G	0.601	0.602	1.00	1.02	pCi/L	10/22/24 08:39	11/08/24 13:23	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*90.9*		*30 - 110*	*10/22/24 08:39*	*11/08/24 13:23*	*1*
Y Carrier	*69.2*		*30 - 110*	*10/22/24 08:39*	*11/08/24 13:23*	*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	0.466	U	0.604	0.605	5.00	1.02	pCi/L		12/02/24 12:57	1

Client Sample ID: 24100002-036
Date Collected: 10/15/24 14:31
Date Received: 10/18/24 13:55

Lab Sample ID: 160-55882-33
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	0.238		0.0971	0.0994	1.00	0.105	pCi/L	10/22/24 08:33	11/24/24 05:49	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*84.3*		*30 - 110*	*10/22/24 08:33*	*11/24/24 05:49*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.0460	U	0.545	0.545	1.00	1.00	pCi/L	10/22/24 08:39	11/08/24 13:24	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*84.3*		*30 - 110*	*10/22/24 08:39*	*11/08/24 13:24*	*1*
Y Carrier	*69.2*		*30 - 110*	*10/22/24 08:39*	*11/08/24 13:24*	*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	0.284	U	0.554	0.554	5.00	1.00	pCi/L		12/02/24 12:57	1

Client Sample ID: 24100002-037
Date Collected: 10/15/24 10:38
Date Received: 10/18/24 13:55

Lab Sample ID: 160-55882-34
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	0.00378	U	0.0592	0.0592	1.00	0.118	pCi/L	10/22/24 08:33	11/24/24 05:49	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*80.5*		*30 - 110*	*10/22/24 08:33*	*11/24/24 05:49*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.374	U	0.528	0.530	1.00	0.889	pCi/L	10/22/24 08:39	11/08/24 13:25	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*80.5*		*30 - 110*	*10/22/24 08:39*	*11/08/24 13:25*	*1*
Y Carrier	*79.6*		*30 - 110*	*10/22/24 08:39*	*11/08/24 13:25*	*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	0.377	U	0.531	0.533	5.00	0.889	pCi/L		12/02/24 12:57	1

Client Sample ID: 24100002-038
Date Collected: 10/17/24 13:08
Date Received: 10/18/24 13:55

Lab Sample ID: 160-55882-35
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	0.0229	U	0.0705	0.0705	1.00	0.130	pCi/L	10/22/24 09:16	11/14/24 07:12	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*98.2*		*30 - 110*	*10/22/24 09:16*	*11/14/24 07:12*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	-0.168	U	0.357	0.358	1.00	0.718	pCi/L	10/22/24 09:16	11/07/24 17:16	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*98.2*		*30 - 110*	*10/22/24 09:16*	*11/07/24 17:16*	*1*
Y Carrier	*83.0*		*30 - 110*	*10/22/24 09:16*	*11/07/24 17:16*	*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	0.0229	U	0.364	0.365	5.00	0.718	pCi/L		12/02/24 12:57	1

Client Sample ID: 24100002-039
Date Collected: 10/16/24 09:33
Date Received: 10/18/24 13:55

Lab Sample ID: 160-55882-36
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	0.191		0.0949	0.0964	1.00	0.118	pCi/L	10/22/24 08:33	11/24/24 05:49	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*84.3*		*30 - 110*	*10/22/24 08:33*	*11/24/24 05:49*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.315	U	0.513	0.514	1.00	0.873	pCi/L	10/22/24 08:39	11/08/24 13:25	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*84.3*		*30 - 110*	*10/22/24 08:39*	*11/08/24 13:25*	*1*
Y Carrier	*78.5*		*30 - 110*	*10/22/24 08:39*	*11/08/24 13:25*	*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	0.507	U	0.522	0.523	5.00	0.873	pCi/L		12/02/24 12:57	1

Client Sample ID: 24100002-040
Date Collected: 10/15/24 14:31
Date Received: 10/18/24 13:55

Lab Sample ID: 160-55882-37
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	0.202		0.101	0.102	1.00	0.125	pCi/L	10/22/24 09:17	11/14/24 07:12	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*90.6*		*30 - 110*	*10/22/24 09:17*	*11/14/24 07:12*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.402	U	0.478	0.479	1.00	0.788	pCi/L	10/22/24 09:16	11/07/24 17:16	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*90.6*		*30 - 110*	*10/22/24 09:16*	*11/07/24 17:16*	*1*
Y Carrier	*81.9*		*30 - 110*	*10/22/24 09:16*	*11/07/24 17:16*	*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	0.604	U	0.489	0.490	5.00	0.788	pCi/L		12/04/24 17:36	1

Client Sample Results

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

Lab ID: 160-55882-1
SDG: 24100002

Client Sample ID: 24100002-041
Date Collected: 10/17/24 13:31
Date Received: 10/18/24 13:55

Lab Sample ID: 160-55882-38
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	0.0488	U	0.0720	0.0721	1.00	0.123	pCi/L	10/22/24 12:24	11/13/24 15:17	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*82.4*		*30 - 110*	*10/22/24 12:24*	*11/13/24 15:17*	*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	0.258	U	0.477	0.477	1.00	0.822	pCi/L	10/22/24 12:29	11/06/24 13:27	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*82.4*		*30 - 110*	*10/22/24 12:29*	*11/06/24 13:27*	*1*
Y Carrier	*79.6*		*30 - 110*	*10/22/24 12:29*	*11/06/24 13:27*	*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	0.307	U	0.482	0.482	5.00	0.822	pCi/L		12/04/24 17:37	1

Client Sample ID: 24100002-010
Date Collected: 11/01/24 10:42
Date Received: 10/18/24 13:55

Lab Sample ID: 160-55882-39
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	**0.332**		0.157	0.160	1.00	0.181	pCi/L	11/05/24 08:14	11/27/24 07:46	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*79.7*		*30 - 110*	*11/05/24 08:14*	*11/27/24 07:46*	*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	**0.867**		0.578	0.584	1.00	0.857	pCi/L	11/05/24 08:18	11/21/24 14:56	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*79.7*		*30 - 110*	*11/05/24 08:18*	*11/21/24 14:56*	*1*
Y Carrier	*79.6*		*30 - 110*	*11/05/24 08:18*	*11/21/24 14:56*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	**1.20**		0.599	0.606	5.00	0.857	pCi/L		12/02/24 17:11	1

Client Sample Results

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

Job ID: 160-55882-1
SDG: 24100002

Client Sample ID: 24100002-017
Date Collected: 11/01/24 11:28
Date Received: 10/18/24 13:55

Lab Sample ID: 160-55882-40
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	0.399		0.212	0.215	1.00	0.256	pCi/L	11/05/24 08:14	11/27/24 07:46	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*77.7*		*30 - 110*	*11/05/24 08:14*	*11/27/24 07:46*	*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	-0.124	U G	0.763	0.763	1.00	1.47	pCi/L	11/05/24 08:18	11/21/24 14:56	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*77.7*		*30 - 110*	*11/05/24 08:18*	*11/21/24 14:56*	*1*
Y Carrier	*73.6*		*30 - 110*	*11/05/24 08:18*	*11/21/24 14:56*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.399	U	0.792	0.793	5.00	1.47	pCi/L		12/02/24 17:11	1

QC Sample Results

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

Job ID: 160-55882-1
SDG: 24100002

Method: 903.0 - Radium-226 (GFPC)

Lab Sample ID: MB 160-684529/1-A
Matrix: Water
Analysis Batch: 688341

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 684529

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.008793	U	0.0748	0.0748	1.00	0.144	pCi/L	10/22/24 08:09	11/13/24 22:10	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*101*		*30 - 110*	*10/22/24 08:09*	*11/13/24 22:10*	*1*

Lab Sample ID: LCS 160-684529/2-A
Matrix: Water
Analysis Batch: 688341

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 684529

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-226			9.58	7.885		0.863	1.00	0.122	pCi/L	82	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*107*		*30 - 110*

Lab Sample ID: MB 160-684531/1-A
Matrix: Water
Analysis Batch: 688341

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 684531

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.1461	U	0.105	0.105	1.00	0.151	pCi/L	10/22/24 08:15	11/13/24 20:38	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*99.5*		*30 - 110*	*10/22/24 08:15*	*11/13/24 20:38*	*1*

Lab Sample ID: LCS 160-684531/2-A
Matrix: Water
Analysis Batch: 688341

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 684531

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-226			9.58	8.528		0.935	1.00	0.113	pCi/L	89	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*95.9*		*30 - 110*

Lab Sample ID: 160-55882-1 DU
Matrix: Water
Analysis Batch: 688238

Client Sample ID: 24100002-001
Prep Type: Total/NA
Prep Batch: 684531

Analyte	Sample Result	Sample Qual		DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit			RER	RER Limit
Radium-226	0.0873	U		0.08449	U	0.0808	1.00	0.122	pCi/L			0.02	1

QC Sample Results

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

Job ID: 160-55882-1
SDG: 24100002

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

Lab Sample ID: 160-55882-1 DU
Matrix: Water
Analysis Batch: 688238

Client Sample ID: 24100002-001
Prep Type: Total/NA
Prep Batch: 684531

Carrier	DU %Yield	DU Qualifier	Limits
Ba Carrier	79.5		30 - 110

Lab Sample ID: MB 160-684537/1-A
Matrix: Water
Analysis Batch: 689607

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 684537

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.02819	U	0.0484	0.0485	1.00	0.0854	pCi/L	10/22/24 08:33	11/20/24 21:38	1

Carrier	MB %Yield	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	100		30 - 110	10/22/24 08:33	11/20/24 21:38	1

Lab Sample ID: LCS 160-684537/2-A
Matrix: Water
Analysis Batch: 689607

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 684537

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-226			9.58	7.309		0.790	1.00	0.0875	pCi/L	76	75 - 125		

Carrier	LCS %Yield	LCS Qualifier	Limits
Ba Carrier	99.0		30 - 110

Lab Sample ID: 160-55882-17 DU
Matrix: Water
Analysis Batch: 690286

Client Sample ID: 24100002-019
Prep Type: Total/NA
Prep Batch: 684537

Analyte	Sample Result	Sample Qual		DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit			RER	RER Limit
Radium-226	0.218			0.3293		0.115	1.00	0.100	pCi/L			0.48	1

Carrier	DU %Yield	DU Qualifier	Limits
Ba Carrier	76.7		30 - 110

Lab Sample ID: MB 160-684560/1-A
Matrix: Water
Analysis Batch: 688238

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 684560

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.04276	U	0.0622	0.0623	1.00	0.106	pCi/L	10/22/24 12:24	11/13/24 15:10	1

Carrier	MB %Yield	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	90.0		30 - 110	10/22/24 12:24	11/13/24 15:10	1

QC Sample Results

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

Lab ID: 160-55882-1
SDG: 24100002

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

Lab Sample ID: LCS 160-684560/2-A
Matrix: Water
Analysis Batch: 688238

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 684560

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-226			9.58	9.449		1.02	1.00	0.106	pCi/L	99	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*83.4*		*30 - 110*

Lab Sample ID: MB 160-686859/1-A
Matrix: Water
Analysis Batch: 690739

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 686859

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.04729	U	0.0376	0.0379	1.00	0.116	pCi/L	11/05/24 08:14	11/27/24 07:45	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*92.2*		*30 - 110*	*11/05/24 08:14*	*11/27/24 07:45*	*1*

Lab Sample ID: LCS 160-686859/2-A
Matrix: Water
Analysis Batch: 690739

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 686859

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-226			9.58	10.16		1.10	1.00	0.114	pCi/L	106	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*87.8*		*30 - 110*

Method: 904.0 - Radium-228 (GFPC)

Lab Sample ID: MB 160-684530/1-A
Matrix: Water
Analysis Batch: 687312

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 684530

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	-0.05580	U	0.304	0.304	1.00	0.581	pCi/L	10/22/24 08:13	11/07/24 14:49	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*101*		*30 - 110*	*10/22/24 08:13*	*11/07/24 14:49*	*1*
Y Carrier	*80.7*		*30 - 110*	*10/22/24 08:13*	*11/07/24 14:49*	*1*

QC Sample Results

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

Job ID: 160-55882-1
SDG: 24100002

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

Lab Sample ID: LCS 160-684530/2-A
Matrix: Water
Analysis Batch: 687312

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 684530

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-228			8.36	8.557		1.19	1.00	0.490	pCi/L	102	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*107*		*30 - 110*
Y Carrier	*81.1*		*30 - 110*

Lab Sample ID: MB 160-684534/1-A
Matrix: Water
Analysis Batch: 687504

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 684534

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	-0.07533	U	0.227	0.227	1.00	0.457	pCi/L	10/22/24 08:20	11/08/24 12:01	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*99.5*		*30 - 110*	*10/22/24 08:20*	*11/08/24 12:01*	*1*
Y Carrier	*84.1*		*30 - 110*	*10/22/24 08:20*	*11/08/24 12:01*	*1*

Lab Sample ID: LCS 160-684534/2-A
Matrix: Water
Analysis Batch: 687504

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 684534

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-228			8.36	7.728		1.10	1.00	0.452	pCi/L	92	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*95.9*		*30 - 110*
Y Carrier	*84.1*		*30 - 110*

Lab Sample ID: 160-55882-1 DU
Matrix: Water
Analysis Batch: 687515

Client Sample ID: 24100002-001
Prep Type: Total/NA
Prep Batch: 684534

Analyte	Sample Result	Sample Qual		DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit			RER	RER Limit
Radium-228	0.166	U		0.1193	U	0.406	1.00	0.724	pCi/L			0.06	1

Carrier	*DU %Yield*	*DU Qualifier*	*Limits*
Ba Carrier	*79.5*		*30 - 110*
Y Carrier	*76.6*		*30 - 110*

QC Sample Results

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

Job ID: 160-55882-1
SDG: 24100002

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

Lab Sample ID: MB 160-684538/1-A
Matrix: Water
Analysis Batch: 687516

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 684538

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	-0.1477	U	0.268	0.268	1.00	0.538	pCi/L	10/22/24 08:39	11/08/24 12:09	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*100*		*30 - 110*	*10/22/24 08:39*	*11/08/24 12:09*	*1*
Y Carrier	*82.2*		*30 - 110*	*10/22/24 08:39*	*11/08/24 12:09*	*1*

Lab Sample ID: LCS 160-684538/2-A
Matrix: Water
Analysis Batch: 687516

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 684538

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-228			8.36	8.461		1.18	1.00	0.510	pCi/L	101	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*99.0*		*30 - 110*
Y Carrier	*81.5*		*30 - 110*

Lab Sample ID: 160-55882-17 DU
Matrix: Water
Analysis Batch: 687516

Client Sample ID: 24100002-019
Prep Type: Total/NA
Prep Batch: 684538

Analyte	Sample Result	Sample Qual		DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit			RER	RER Limit
Radium-228	-0.0585	U		0.4729	U	0.452	1.00	0.717	pCi/L			0.65	1

Carrier	*DU %Yield*	*DU Qualifier*	*Limits*
Ba Carrier	*76.7*		*30 - 110*
Y Carrier	*75.1*		*30 - 110*

Lab Sample ID: MB 160-684561/1-A
Matrix: Water
Analysis Batch: 687157

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 684561

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	-0.002565	U	0.290	0.290	1.00	0.554	pCi/L	10/22/24 12:29	11/06/24 12:24	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*90.0*		*30 - 110*	*10/22/24 12:29*	*11/06/24 12:24*	*1*
Y Carrier	*78.5*		*30 - 110*	*10/22/24 12:29*	*11/06/24 12:24*	*1*

QC Sample Results

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

Job ID: 160-55882-1
SDG: 24100002

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

Lab Sample ID: LCS 160-684561/2-A
Matrix: Water
Analysis Batch: 687157

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 684561

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-228			8.37	9.888		1.39	1.00	0.613	pCi/L	118	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*83.4*		*30 - 110*
Y Carrier	*83.0*		*30 - 110*

Lab Sample ID: MB 160-686862/1-A
Matrix: Water
Analysis Batch: 689807

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 686862

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.3228	U	0.352	0.353	1.00	0.573	pCi/L	11/05/24 08:18	11/21/24 14:52	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*92.2*		*30 - 110*	*11/05/24 08:18*	*11/21/24 14:52*	*1*
Y Carrier	*81.5*		*30 - 110*	*11/05/24 08:18*	*11/21/24 14:52*	*1*

Lab Sample ID: LCS 160-686862/2-A
Matrix: Water
Analysis Batch: 689807

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 686862

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-228			8.33	8.859		1.29	1.00	0.629	pCi/L	106	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*87.8*		*30 - 110*
Y Carrier	*82.6*		*30 - 110*

QC Association Summary

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

Lab ID: 160-55882-1
SDG: 24100002

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Prep Batch: 684529

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-55882-35	24100002-038	Total/NA	Water	PrecSep-21	
160-55882-37	24100002-040	Total/NA	Water	PrecSep-21	
MB 160-684529/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-684529/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	

Prep Batch: 684530

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-55882-35	24100002-038	Total/NA	Water	PrecSep_0	
160-55882-37	24100002-040	Total/NA	Water	PrecSep_0	
MB 160-684530/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-684530/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	

Prep Batch: 684531

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-55882-1	24100002-001	Total/NA	Water	PrecSep-21	
160-55882-2	24100002-002	Total/NA	Water	PrecSep-21	
160-55882-3	24100002-003	Total/NA	Water	PrecSep-21	
160-55882-4	24100002-004	Total/NA	Water	PrecSep-21	
160-55882-5	24100002-005	Total/NA	Water	PrecSep-21	
160-55882-6	24100002-006	Total/NA	Water	PrecSep-21	
160-55882-8	24100002-008	Total/NA	Water	PrecSep-21	
160-55882-9	24100002-009	Total/NA	Water	PrecSep-21	
160-55882-10	24100002-011	Total/NA	Water	PrecSep-21	
160-55882-11	24100002-012	Total/NA	Water	PrecSep-21	
160-55882-12	24100002-013	Total/NA	Water	PrecSep-21	
160-55882-13	24100002-014	Total/NA	Water	PrecSep-21	
160-55882-14	24100002-015	Total/NA	Water	PrecSep-21	
160-55882-15	24100002-016	Total/NA	Water	PrecSep-21	
MB 160-684531/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-684531/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	
160-55882-1 DU	24100002-001	Total/NA	Water	PrecSep-21	

Prep Batch: 684534

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-55882-1	24100002-001	Total/NA	Water	PrecSep_0	
160-55882-2	24100002-002	Total/NA	Water	PrecSep_0	
160-55882-3	24100002-003	Total/NA	Water	PrecSep_0	
160-55882-4	24100002-004	Total/NA	Water	PrecSep_0	
160-55882-5	24100002-005	Total/NA	Water	PrecSep_0	
160-55882-6	24100002-006	Total/NA	Water	PrecSep_0	
160-55882-8	24100002-008	Total/NA	Water	PrecSep_0	
160-55882-9	24100002-009	Total/NA	Water	PrecSep_0	
160-55882-10	24100002-011	Total/NA	Water	PrecSep_0	
160-55882-11	24100002-012	Total/NA	Water	PrecSep_0	
160-55882-12	24100002-013	Total/NA	Water	PrecSep_0	
160-55882-13	24100002-014	Total/NA	Water	PrecSep_0	
160-55882-14	24100002-015	Total/NA	Water	PrecSep_0	
160-55882-15	24100002-016	Total/NA	Water	PrecSep_0	
MB 160-684534/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-684534/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	
160-55882-1 DU	24100002-001	Total/NA	Water	PrecSep_0	

QC Association Summary

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

Job ID: 160-55882-1
SDG: 24100002

Rad

Prep Batch: 684537

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-55882-16	24100002-018	Total/NA	Water	PrecSep-21	
160-55882-17	24100002-019	Total/NA	Water	PrecSep-21	
160-55882-18	24100002-020	Total/NA	Water	PrecSep-21	
160-55882-19	24100002-021	Total/NA	Water	PrecSep-21	
160-55882-21	24100002-023	Total/NA	Water	PrecSep-21	
160-55882-22	24100002-024	Total/NA	Water	PrecSep-21	
160-55882-23	24100002-025	Total/NA	Water	PrecSep-21	
160-55882-24	24100002-026	Total/NA	Water	PrecSep-21	
160-55882-25	24100002-028	Total/NA	Water	PrecSep-21	
160-55882-26	24100002-029	Total/NA	Water	PrecSep-21	
160-55882-27	24100002-030	Total/NA	Water	PrecSep-21	
160-55882-28	24100002-031	Total/NA	Water	PrecSep-21	
160-55882-29	24100002-032	Total/NA	Water	PrecSep-21	
160-55882-30	24100002-033	Total/NA	Water	PrecSep-21	
160-55882-31	24100002-034	Total/NA	Water	PrecSep-21	
160-55882-32	24100002-035	Total/NA	Water	PrecSep-21	
160-55882-33	24100002-036	Total/NA	Water	PrecSep-21	
160-55882-34	24100002-037	Total/NA	Water	PrecSep-21	
160-55882-36	24100002-039	Total/NA	Water	PrecSep-21	
MB 160-684537/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-684537/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	
160-55882-17 DU	24100002-019	Total/NA	Water	PrecSep-21	

Prep Batch: 684538

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-55882-16	24100002-018	Total/NA	Water	PrecSep_0	
160-55882-17	24100002-019	Total/NA	Water	PrecSep_0	
160-55882-18	24100002-020	Total/NA	Water	PrecSep_0	
160-55882-19	24100002-021	Total/NA	Water	PrecSep_0	
160-55882-21	24100002-023	Total/NA	Water	PrecSep_0	
160-55882-22	24100002-024	Total/NA	Water	PrecSep_0	
160-55882-23	24100002-025	Total/NA	Water	PrecSep_0	
160-55882-24	24100002-026	Total/NA	Water	PrecSep_0	
160-55882-25	24100002-028	Total/NA	Water	PrecSep_0	
160-55882-26	24100002-029	Total/NA	Water	PrecSep_0	
160-55882-27	24100002-030	Total/NA	Water	PrecSep_0	
160-55882-28	24100002-031	Total/NA	Water	PrecSep_0	
160-55882-29	24100002-032	Total/NA	Water	PrecSep_0	
160-55882-30	24100002-033	Total/NA	Water	PrecSep_0	
160-55882-31	24100002-034	Total/NA	Water	PrecSep_0	
160-55882-32	24100002-035	Total/NA	Water	PrecSep_0	
160-55882-33	24100002-036	Total/NA	Water	PrecSep_0	
160-55882-34	24100002-037	Total/NA	Water	PrecSep_0	
160-55882-36	24100002-039	Total/NA	Water	PrecSep_0	
MB 160-684538/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-684538/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	
160-55882-17 DU	24100002-019	Total/NA	Water	PrecSep_0	

Prep Batch: 684560

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-55882-38	24100002-041	Total/NA	Water	PrecSep-21	

QC Association Summary

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

Job ID: 160-55882-1
SDG: 24100002

Rad (Continued)

Prep Batch: 684560 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 160-684560/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-684560/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	

Prep Batch: 684561

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-55882-38	24100002-041	Total/NA	Water	PrecSep_0	
MB 160-684561/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-684561/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	

Prep Batch: 686859

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-55882-20	24100002-022	Total/NA	Water	PrecSep-21	
160-55882-39	24100002-010	Total/NA	Water	PrecSep-21	
160-55882-40	24100002-017	Total/NA	Water	PrecSep-21	
MB 160-686859/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-686859/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	

Prep Batch: 686862

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-55882-20	24100002-022	Total/NA	Water	PrecSep_0	
160-55882-39	24100002-010	Total/NA	Water	PrecSep_0	
160-55882-40	24100002-017	Total/NA	Water	PrecSep_0	
MB 160-686862/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-686862/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	

Tracer/Carrier Summary

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

Job ID: 160-55882-1
SDG: 24100002

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)						
160-55882-1	24100002-001	83.3						
160-55882-1 DU	24100002-001	79.5						
160-55882-2	24100002-002	92.2						
160-55882-3	24100002-003	102						
160-55882-4	24100002-004	90.6						
160-55882-5	24100002-005	105						
160-55882-6	24100002-006	101						
160-55882-8	24100002-008	60.0						
160-55882-9	24100002-009	52.9						
160-55882-10	24100002-011	87.1						
160-55882-11	24100002-012	96.2						
160-55882-12	24100002-013	86.6						
160-55882-13	24100002-014	91.6						
160-55882-14	24100002-015	88.6						
160-55882-15	24100002-016	106						
160-55882-16	24100002-018	89.9						
160-55882-17	24100002-019	75.7						
160-55882-17 DU	24100002-019	76.7						
160-55882-18	24100002-020	78.2						
160-55882-19	24100002-021	69.9						
160-55882-20	24100002-022	86.6						
160-55882-21	24100002-023	89.9						
160-55882-22	24100002-024	85.3						
160-55882-23	24100002-025	90.4						
160-55882-24	24100002-026	82.3						
160-55882-25	24100002-028	95.4						
160-55882-26	24100002-029	87.6						
160-55882-27	24100002-030	87.3						
160-55882-28	24100002-031	84.6						
160-55882-29	24100002-032	72.2						
160-55882-30	24100002-033	81.3						
160-55882-31	24100002-034	85.1						
160-55882-32	24100002-035	90.9						
160-55882-33	24100002-036	84.3						
160-55882-34	24100002-037	80.5						
160-55882-35	24100002-038	98.2						
160-55882-36	24100002-039	84.3						
160-55882-37	24100002-040	90.6						
160-55882-38	24100002-041	82.4						
160-55882-39	24100002-010	79.7						
160-55882-40	24100002-017	77.7						
LCS 160-684529/2-A	Lab Control Sample	107						
LCS 160-684531/2-A	Lab Control Sample	95.9						
LCS 160-684537/2-A	Lab Control Sample	99.0						
LCS 160-684560/2-A	Lab Control Sample	83.4						
LCS 160-686859/2-A	Lab Control Sample	87.8						
MB 160-684529/1-A	Method Blank	101						
MB 160-684531/1-A	Method Blank	99.5						
MB 160-684537/1-A	Method Blank	100						

Tracer/Carrier Summary

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

Lab ID: 160-55882-1
SDG: 24100002

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

Matrix: Water — **Prep Type: Total/NA**

Lab Sample ID	Client Sample ID	Percent Yield (Acceptance Limits) Ba (30-110)
MB 160-684560/1-A	Method Blank	90.0
MB 160-686859/1-A	Method Blank	92.2

Tracer/Carrier Legend

Ba = Ba Carrier

Method: 904.0 - Radium-228 (GFPC)

Matrix: Water — **Prep Type: Total/NA**

Lab Sample ID	Client Sample ID	Percent Yield (Acceptance Limits) Ba (30-110)	Y (30-110)
160-55882-1	24100002-001	83.3	81.9
160-55882-1 DU	24100002-001	79.5	76.6
160-55882-2	24100002-002	92.2	75.9
160-55882-3	24100002-003	102	78.1
160-55882-4	24100002-004	90.6	84.5
160-55882-5	24100002-005	105	81.5
160-55882-6	24100002-006	101	82.6
160-55882-8	24100002-008	60.0	81.9
160-55882-9	24100002-009	52.9	81.5
160-55882-10	24100002-011	87.1	62.1
160-55882-11	24100002-012	96.2	62.1
160-55882-12	24100002-013	86.6	72.9
160-55882-13	24100002-014	91.6	78.9
160-55882-14	24100002-015	88.6	74.8
160-55882-15	24100002-016	106	80.0
160-55882-16	24100002-018	89.9	77.4
160-55882-17	24100002-019	75.7	72.9
160-55882-17 DU	24100002-019	76.7	75.1
160-55882-18	24100002-020	78.2	78.1
160-55882-19	24100002-021	69.9	75.9
160-55882-20	24100002-022	86.6	77.4
160-55882-21	24100002-023	89.9	75.1
160-55882-22	24100002-024	85.3	77.4
160-55882-23	24100002-025	90.4	76.6
160-55882-24	24100002-026	82.3	73.6
160-55882-25	24100002-028	95.4	81.1
160-55882-26	24100002-029	87.6	66.9
160-55882-27	24100002-030	87.3	71.0
160-55882-28	24100002-031	84.6	61.7
160-55882-29	24100002-032	72.2	60.9
160-55882-30	24100002-033	81.3	71.4
160-55882-31	24100002-034	85.1	74.4
160-55882-32	24100002-035	90.9	69.2
160-55882-33	24100002-036	84.3	69.2
160-55882-34	24100002-037	80.5	79.6
160-55882-35	24100002-038	98.2	83.0
160-55882-36	24100002-039	84.3	78.5
160-55882-37	24100002-040	90.6	81.9
160-55882-38	24100002-041	82.4	79.6

Tracer/Carrier Summary

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

Job ID: 160-55882-1
SDG: 24100002

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

Matrix: Water **Prep Type: Total/NA**

		Percent Yield (Acceptance Limits)	
Lab Sample ID	Client Sample ID	Ba (30-110)	Y (30-110)
160-55882-39	24100002-010	79.7	79.6
160-55882-40	24100002-017	77.7	73.6
LCS 160-684530/2-A	Lab Control Sample	107	81.1
LCS 160-684534/2-A	Lab Control Sample	95.9	84.1
LCS 160-684538/2-A	Lab Control Sample	99.0	81.5
LCS 160-684561/2-A	Lab Control Sample	83.4	83.0
LCS 160-686862/2-A	Lab Control Sample	87.8	82.6
MB 160-684530/1-A	Method Blank	101	80.7
MB 160-684534/1-A	Method Blank	99.5	84.1
MB 160-684538/1-A	Method Blank	100	82.2
MB 160-684561/1-A	Method Blank	90.0	78.5
MB 160-686862/1-A	Method Blank	92.2	81.5

Tracer/Carrier Legend

Ba = Ba Carrier
Y = Y Carrier

Field Data Sheet

Project Name:	BAL-24Q4	**Monitoring Point:**	MW-104DR
Project Location:	Baldwin, Illinois	**Sample ID:**	001
W.O. Number (s):	24100001	**Date (s):**	10/16/2024

Field Team Members

Name: Justin Colp — Affiliation: TekLab, Inc.
Name: Danny Crump — Affiliation: TekLab, Inc.

Weather Conditions

Temp: 45 °F — Wind Direction: ☐ N ☑ S ☐ W ☐ E ☐ SE ☐ SW ☐ NE ☐ NW

Precipitation: ☑ None ☐ Light ☐ Heavy — Sky: ☑ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

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

Locks	Yes	No
Protective Casing		X
Well		X

Groundwater Level Measurements

Date/Time Measured: 10/16/2024 9:38

Static Water Level: 13.55 feet below TOC
Total Depth: 31.50 feet below TOC
Water Column: 17.95 feet

Purging Activities

Purged By: JC — Purge Date: 10/16/2024
Purge Method: Bladder Pump — Well Diameter: 2"
Purge Volume Calculation (L): 17.95 ft. x 0.022 = 0.39 L x 3 Vol. = 1.17 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
10:01	0.0	143	purge start time						
10:14	1.9	↓	6.77	1,211.50	16.02	4.37	48.00	12.39	
10:17	2.3		6.76	1,147.10	15.93	3.28	49.50	13.95	
10:20	2.7		6.77	1,104.30	15.82	2.74	50.80	15.89	
10:23	3.1		6.77	1,090.50	15.92	2.43	51.90	19.43	
10:26	3.6		6.76	1,086.10	15.94	2.31	52.90	24.58	
10:29	4.0		6.76	1,081.30	15.90	2.21	53.90	28.89	

Sampling Activities

Sampled By: JC — Sample Date/Time: 10/16/2024 10:29
Sample Method: Low Flow — Sample Equipment: Bladder Pump
Sample Parameters: 6.76 pH — 1,081.30 Spec. Cond. — 15.90 Temp
Field Filtered: Yes — Filter Type: In-Line Disposable
Water Level: 14.00 feet below TOC — Drawdown: 0.45 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 43918

Form Completed By:  **Date:** 10/16/2024

Field Data Sheet

Project Name:	BAL-24Q4	**Monitoring Point:**	MW-104SR
Project Location:	Baldwin, Illinois	**Sample ID:**	002
W.O. Number (s):	24100001	**Date (s):**	10/16/2024

Field Team Members

Name: Justin Colp — Affiliation: TekLab, Inc.
Name: Danny Crump — Affiliation: TekLab, Inc.

Weather Conditions

Temp: 49 °F — Wind Direction: ☐ N ☑ S ☐ W ☐ E ☐ SE ☐ SW ☐ NE ☐ NW

Precipitation: ☑ None ☐ Light ☐ Heavy — Sky: ☑ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

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

Locks	Yes	No
Protective Casing	X	
Well		X

Groundwater Level Measurements

Date/Time Measured: 10/16/2024 10:33

Static Water Level: 13.44 feet below TOC
Total Depth: 18.00 feet below TOC
Water Column: 4.56 feet

Purging Activities

Purged By: JC — Purge Date: 10/16/2024
Purge Method: Bladder Pump — Well Diameter: 2"
Purge Volume Calculation (L): 4.56 ft. x 0.022 = 0.1 L x 3 Vol. = 0.3 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 4.50 L
Physical appearance of purge water: Clear — Odor: Strong — Color: none

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
10:35	0.0	155	purge start time						
10:40	0.8	↓	6.51	1,325.80	17.32	2.57	-58.90	12.91	
10:43	1.2		6.50	1,319.20	17.54	1.72	-49.50	6.60	
10:46	1.7		6.50	1,310.00	17.70	1.95	-35.00	4.65	
10:49	2.2		6.49	1,308.60	17.84	1.95	-23.10	2.99	
10:52	2.6		6.49	1,311.80	17.77	1.66	-24.90	2.92	
10:55	3.1		6.49	1,316.90	17.85	1.52	-43.60	2.31	
10:58	3.6		6.48	1,321.00	17.73	1.38	-57.50	2.25	
11:01	4.0		6.48	1,324.90	17.68	1.26	-67.20	2.38	
11:04	4.5		6.47	1,326.80	17.84	1.16	-73.20	2.42	

Sampling Activities

Sampled By: JC — Sample Date/Time: 10/16/2024 11:04
Sample Method: Low Flow — Sample Equipment: Bladder Pump
Sample Parameters: 6.47 pH — 1,326.80 Spec. Cond. — 17.84 Temp
Field Filtered: Yes — Filter Type: In-Line Disposable
Water Level: 15.06 feet below TOC — Drawdown: 1.62 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 43918

Form Completed By: Justin Colp — **Date:** 10/16/2024

Field Data Sheet

Project Name:	BAL-24Q4	**Monitoring Point:**	MW-150
Project Location:	Baldwin, Illinois	**Sample ID:**	003
W.O. Number (s):	24100001	**Date (s):**	10/15/2024

Field Team Members

Name: Justin Colp — Affiliation: TekLab, Inc.
Name: Danny Crump — Affiliation: TekLab, Inc.

Weather Conditions

Temp: 54 °F — Wind Direction: ☐ N ☑ S ☐ W ☐ E ☐ SE ☐ SW ☐ NE ☐ NW

Precipitation: ☑ None ☐ Light ☐ Heavy — Sky: ☐ Clear ☐ Partly Cloudy ☑ Cloudy

Well Observations

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

Locks	Yes	No
Protective Casing	X	
Well		X

Groundwater Level Measurements

Date/Time Measured: 10/15/2024 12:09

Static Water Level: 20.18 feet below TOC
Total Depth: 27.90 feet below TOC
Water Column: 7.72 feet

Purging Activities

Purged By: JC — Purge Date: 10/15/2024
Purge Method: Bladder Pump — Well Diameter: 2"
Purge Volume Calculation (L): 7.72 ft. x 0.022 = 0.17 L x 3 Vol. = 0.51 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
12:10	0.0	222	purge start time						
12:16	1.4	↓	6.89	2,104.80	13.85	1.33	-151.30	12.11	
12:19	2.0		6.89	2,097.00	13.83	1.36	-137.40	6.75	
12:22	2.7		6.89	2,092.60	13.87	1.53	-124.50	5.34	
12:25	3.4		6.88	2,089.80	13.91	1.66	-114.70	4.15	
12:28	4.0		6.88	2,087.20	13.91	1.77	-107.10	3.10	

Sampling Activities

Sampled By: JC — Sample Date/Time: 10/15/2024 12:28
Sample Method: Low Flow — Sample Equipment: Bladder Pump
Sample Parameters: 6.88 pH — 2,087.20 Spec. Cond. — 13.91 Temp
Field Filtered: Yes — Filter Type: In-Line Disposable
Water Level: 20.54 feet below TOC — Drawdown: 0.36 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 43918

Form Completed By:  **Date:** 10/15/2024

Field Data Sheet

Project Name:	BAL-24Q4	**Monitoring Point:**	MW-151
Project Location:	Baldwin, Illinois	**Sample ID:**	004
W.O. Number (s):	24100001	**Date (s):**	10/16/2024

Field Team Members

Name: Tracy Carroll — Affiliation: TekLab, Inc.
Name: — Affiliation:

Weather Conditions

Temp: 46 °F — Wind Direction: ☐ N ☑ S ☐ W ☐ E ☐ SE ☐ SW ☐ NE ☐ NW

Precipitation: ☑ None ☐ Light ☐ Heavy — Sky: ☑ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

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

Locks	Yes	No
Protective Casing	X	
Well		X

Groundwater Level Measurements

Date/Time Measured: 10/16/2024 9:56

Static Water Level: 7.17 feet below TOC
Total Depth: 19.00 feet below TOC
Water Column: 11.83 feet

Purging Activities

Purged By: TC — Purge Date: 10/16/2024
Purge Method: Bladder Pump — Well Diameter: 2"
Purge Volume Calculation (L): 11.83 ft. x 0.022 = 0.26 L x 3 Vol. = 0.78 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 8.00 L
Physical appearance of purge water: Clear — Odor: None — Color: None

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
9:56	0.0	333	purge start time						
10:08	4.0	↓	6.84	1,586.70	17.23	0.98	-152.30	14.93	
10:11	5.0		6.83	1,632.00	17.18	0.89	-150.10	18.25	
10:14	6.0		6.82	1,665.60	17.17	0.72	-152.40	18.73	
10:17	7.0		6.81	1,669.40	17.16	0.60	-153.40	24.07	
10:20	8.0		6.80	1,670.10	17.05	0.50	-154.50	26.76	

Sampling Activities

Sampled By: TC — Sample Date/Time: 10/16/2024 10:20
Sample Method: Low Flow — Sample Equipment: Bladder Pump
Sample Parameters: 6.80 pH — 1,670.10 Spec. Cond. — 17.05 Temp
Field Filtered: Yes — Filter Type: In-Line Disposable
Water Level: 11.44 feet below TOC — Drawdown: 4.27 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 46868

Form Completed By: Tracy Carroll — **Date:** 10/16/2024

Field Data Sheet

Project Name:	BAL-24Q4	**Monitoring Point:**	MW-152
Project Location:	Baldwin, Illinois	**Sample ID:**	005
W.O. Number (s):	24100001	**Date (s):**	10/16/2024

Field Team Members

Name: Tracy Carroll — Affiliation: TekLab, Inc.
Name: — Affiliation:

Weather Conditions

Temp: 52 °F — Wind Direction: ☐ N ☑ S ☐ W ☐ E ☐ SE ☐ SW ☐ NE ☐ NW

Precipitation: ☑ None ☐ Light ☐ Heavy — Sky: ☑ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

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

Locks	Yes	No
Protective Casing	X	
Well		X

Groundwater Level Measurements

Date/Time Measured: 10/16/2024 12:14

Static Water Level: 8.00 feet below TOC
Total Depth: 20.00 feet below TOC
Water Column: 12.00 feet

Purging Activities

Purged By: TC — Purge Date: 10/16/2024
Purge Method: Bladder Pump — Well Diameter: 2"
Purge Volume Calculation (L): 12 ft. x 0.022 = 0.26 L x 3 Vol. = 0.78 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 6.00 L
Physical appearance of purge water: Clear — Odor: None — Color: None

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
12:14	0.0	353	purge start time						
12:22	2.8	↓	6.71	1,383.80	16.03	0.43	-25.40	64.04	
12:25	3.9		6.69	1,420.40	15.99	0.32	-31.40	61.02	
12:28	4.9		6.69	1,438.80	16.03	0.27	-35.80	56.04	
12:31	6.0		6.69	1,454.50	16.06	0.24	-36.60	49.48	

Sampling Activities

Sampled By: TC — Sample Date/Time: 10/16/2024 12:31
Sample Method: Low Flow — Sample Equipment: Bladder Pump
Sample Parameters: 6.69 pH — 1,454.50 Spec. Cond. — 16.06 Temp
Field Filtered: Yes — Filter Type: In-Line Disposable
Water Level: 8.31 feet below TOC — Drawdown: 0.31 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 46868

Form Completed By: Tracy Carroll — **Date:** 10/16/2024

Field Data Sheet

Project Name:	BAL-24Q4	**Monitoring Point:**	MW-153
Project Location:	Baldwin, Illinois	**Sample ID:**	006
W.O. Number (s):	24100001	**Date (s):**	10/16/2024

Field Team Members

Name: Justin Colp — Affiliation: TekLab, Inc.
Name: Danny Crump — Affiliation: TekLab, Inc.

Weather Conditions

Temp: 51 °F — Wind Direction: ☐ N ☑ S ☐ W ☐ E ☐ SE ☐ SW ☐ NE ☐ NW

Precipitation: ☑ None ☐ Light ☐ Heavy — Sky: ☑ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

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

Locks	Yes	No
Protective Casing	X	
Well		X

Groundwater Level Measurements

Date/Time Measured: 10/16/2024 11:26

Static Water Level: 17.16 feet below TOC
Total Depth: 23.40 feet below TOC
Water Column: 6.24 feet

Purging Activities

Purged By: JC — Purge Date: 10/16/2024
Purge Method: Bladder Pump — Well Diameter: 2"
Purge Volume Calculation (L): 6.24 ft. x 0.022 = 0.14 L x 3 Vol. = 0.42 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 3.00 L
Physical appearance of purge water: Clear — Odor: None — Color: none

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
11:26	0.0	143	purge start time						
11:35	1.3	↓	6.67	734.80	16.97	3.14	9.80	55.50	
11:38	1.7		6.61	725.50	16.99	2.81	17.30	58.06	
11:41	2.1		6.60	725.10	17.15	2.68	22.10	56.32	
11:44	2.6		6.60	727.70	17.25	2.64	25.60	48.09	
11:47	3.0		6.62	729.40	16.88	2.68	28.50	42.63	

Sampling Activities

Sampled By: JC — Sample Date/Time: 10/16/2024 11:47
Sample Method: Low Flow — Sample Equipment: Bladder Pump
Sample Parameters: 6.62 pH — 729.40 Spec. Cond. — 16.88 Temp
Field Filtered: Yes — Filter Type: In-Line Disposable
Water Level: 18.53 feet below TOC — Drawdown: 1.37 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 43918

Form Completed By:  **Date:** 10/16/2024

Field Data Sheet

Project Name:	BAL-24Q4	**Monitoring Point:**	MW-154
Project Location:	Baldwin, Illinois	**Sample ID:**	007
W.O. Number (s):	24100001	**Date (s):**	11/1/2024

Field Team Members

Name: Tracy Carroll — Affiliation: TekLab, Inc.
Name: — Affiliation:

Weather Conditions

Temp: 50 °F — Wind Direction: ☐ N ☐ S ☐ W ☐ E ☐ SE ☑ SW ☐ NE ☐ NW

Precipitation: ☑ None ☐ Light ☐ Heavy — Sky: ☑ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad
Casing
Protective Casing
Reference Mark/Identification

Locks	Yes	No
Protective Casing	X	
Well		X

Groundwater Level Measurements

Date/Time Measured: 11/1/2024 10:07

Static Water Level: 15.36 feet below TOC
Total Depth: 15.40 feet below TOC
Water Column: 0.04 feet

Purging Activities

Purged By: TC — Purge Date: -
Purge Method: — Well Diameter: 2"
Purge Volume Calculation (L): 0.0400000000000009 ft. x 0.022 = 0 L x 3 Vol. = 0 L
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
-	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)

- Well Dry; no sample collected

Form Completed By: Tracy Carroll — **Date:** 11/1/2024

Field Data Sheet

Project Name:	BAL-24Q4	**Monitoring Point:**	MW-155
Project Location:	Baldwin, Illinois	**Sample ID:**	008
W.O. Number (s):	24100001	**Date (s):**	10/14/2024

Field Team Members

Name: Justin Colp — Affiliation: TekLab, Inc.
Name: Danny Crump — Affiliation: TekLab, Inc.

Weather Conditions

Temp: 53 °F — Wind Direction: ☐ N ☑ S ☐ W ☐ E ☐ SE ☐ SW ☐ NE ☐ NW

Precipitation: ☑ None ☐ Light ☐ Heavy — Sky: ☐ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

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

Locks	Yes	No
Protective Casing	X	
Well		X

Groundwater Level Measurements

Date/Time Measured: 10/14/2024 10:00
Static Water Level: N/A feet below TOC
Total Depth: 23.40 feet below TOC
Water Column: - feet

Purging Activities

Purged By: JC — Purge Date: 10/14/2024
Purge Method: Bladder Pump — Well Diameter: 2"
Purge Volume Calculation (L): #VALUE! **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 2.50 L
Physical appearance of purge water: Clear — Odor: None — Color: none

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
10:06	0.0	96	purge start time						
10:14	0.8	↓	6.67	1,428.30	14.65	2.76	88.10	82.75	
10:17	1.1		6.70	1,416.10	14.53	1.88	87.40	69.20	
10:20	1.4		6.71	1,409.70	14.45	1.56	87.10	41.24	
10:23	1.7		6.73	1,403.00	14.45	1.22	86.70	23.90	
10:26	2.0		6.75	1,398.30	14.45	0.96	86.20	14.17	
10:29	2.2		6.76	1,394.90	14.46	0.83	85.70	8.12	
10:32	2.5		6.76	1,392.40	14.46	0.73	85.30	5.67	

Sampling Activities

Sampled By: JC — Sample Date/Time: 10/14/2024 10:32
Sample Method: Low Flow — Sample Equipment: Bladder Pump
Sample Parameters: 6.76 pH — 1,392.40 Spec. Cond. — 14.46 Temp
Field Filtered: Yes — Filter Type: In-Line Disposable
Water Level: N/A feet below TOC — Drawdown: - feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 43918
- DTW below top of pump

Form Completed By: Justin Colp — **Date:** 10/14/2024

Field Data Sheet

Project Name:	BAL-24Q4	**Monitoring Point:**	MW-192
Project Location:	Baldwin, Illinois	**Sample ID:**	009
W.O. Number (s):	24100001	**Date (s):**	10/15/2024

Field Team Members

Name: Justin Colp — Affiliation: TekLab, Inc.
Name: Danny Crump — Affiliation: TekLab, Inc.

Weather Conditions

Temp: 50 °F — Wind Direction: ☐ N ☑ S ☐ W ☐ E ☐ SE ☐ SW ☐ NE ☐ NW

Precipitation: ☑ None ☐ Light ☐ Heavy — Sky: ☐ Clear ☐ Partly Cloudy ☑ Cloudy

Well Observations

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

Locks	Yes	No
Protective Casing	X	
Well		X

Groundwater Level Measurements

Date/Time Measured: 10/15/2024 10:40
Static Water Level: 8.38 feet below TOC
Total Depth: 32.91 feet below TOC
Water Column: 24.53 feet

Purging Activities

Purged By: JC — Purge Date: 10/15/2024
Purge Method: Bladder Pump — Well Diameter: 2"
Purge Volume Calculation (L): 24.526 ft. x 0.022 = 0.54 L x 3 Vol. = 1.62 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
10:40	0.0	222	purge start time						
10:46	1.3	↓	6.62	853.80	17.92	1.47	-89.50	44.49	
10:49	2.0		6.60	851.80	17.94	1.01	-90.10	56.00	
10:52	2.7		6.60	851.20	17.96	0.86	-90.60	49.63	
10:55	3.3		6.60	849.70	18.02	0.79	-90.50	42.32	
10:58	4.0		6.60	848.60	18.09	0.75	-90.30	52.63	

Sampling Activities

Sampled By: JC — Sample Date/Time: 10/15/2024 10:58
Sample Method: Low Flow — Sample Equipment: Bladder Pump
Sample Parameters: 6.60 pH — 848.60 Spec. Cond. — 18.09 Temp
Field Filtered: No — Filter Type:
Water Level: 13.65 feet below TOC — Drawdown: 5.27 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 43918

Form Completed By: [signature] — **Date:** 10/15/2024

Field Data Sheet

Project Name:	BAL-24Q4	**Monitoring Point:**	MW-193
Project Location:	Baldwin, Illinois	**Sample ID:**	010
W.O. Number (s):	24100001	**Date (s):**	10/15/2024

Field Team Members

Name: Justin Colp — Affiliation: TekLab, Inc.
Name: Danny Crump — Affiliation: TekLab, Inc.

Weather Conditions

Temp: 48 °F — Wind Direction: ☐ N ☑ S ☐ W ☐ E ☐ SE ☐ SW ☐ NE ☐ NW

Precipitation: ☑ None ☐ Light ☐ Heavy — Sky: ☐ Clear ☐ Partly Cloudy ☑ Cloudy

Well Observations

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

Locks	Yes	No
Protective Casing	X	
Well		X

Groundwater Level Measurements

Date/Time Measured: 10/15/2024 9:34
Static Water Level: 8.98 feet below TOC
Total Depth: 35.54 feet below TOC
Water Column: 26.56 feet

Purging Activities

Purged By: JC — Purge Date: 10/15/2024
Purge Method: Bladder Pump — Well Diameter: 2"
Purge Volume Calculation (L): 26.563 ft. x 0.022 = 0.58 L x 3 Vol. = 1.74 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 3.50 L
Physical appearance of purge water: Clear — Odor: None — Color: none

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
9:35	0.0	184	purge start time						
9:42	1.3	↓	6.61	1,048.80	17.54	1.84	-125.40	40.97	
9:45	1.8		6.56	1,046.10	17.67	1.14	-113.40	26.38	
9:48	2.4		6.54	1,041.90	17.68	0.88	-103.40	17.56	
9:51	2.9		6.53	1,040.10	17.68	0.75	-95.40	13.60	
9:54	3.5		6.52	1,036.80	17.67	0.67	-88.50	9.83	

Sampling Activities

Sampled By: JC — Sample Date/Time: 10/15/2024 9:54
Sample Method: Low Flow — Sample Equipment: Bladder Pump
Sample Parameters: 6.52 pH — 1,036.80 Spec. Cond. — 17.67 Temp
Field Filtered: No — Filter Type:
Water Level: 9.55 feet below TOC — Drawdown: 0.57 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 43918

Form Completed By: Justin Colp — **Date:** 10/15/2024

Field Data Sheet

Project Name:	BAL-24Q4	**Monitoring Point:**	MW-196
Project Location:	Baldwin, Illinois	**Sample ID:**	012
W.O. Number (s):	24100001	**Date (s):**	10/17/2024

Field Team Members

Name: Tracy Carroll — Affiliation: TekLab, Inc.
Name: — Affiliation:

Weather Conditions

Temp: 62 °F — Wind Direction: ☑ N ☐ S ☐ W ☐ E ☐ SE ☐ SW ☐ NE ☐ NW

Precipitation: ☑ None ☐ Light ☐ Heavy — Sky: ☑ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

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

Locks	Yes	No
Protective Casing	X	
Well		X

Groundwater Level Measurements

Date/Time Measured: 10/17/2024 11:04

Static Water Level: 11.26 feet below TOC
Total Depth: 21.25 feet below TOC
Water Column: 9.99 feet

Purging Activities

Purged By: TC — Purge Date: 10/17/2024
Purge Method: Submersible Pump — Well Diameter: 2"
Purge Volume Calculation (L): 9.99 ft. x 0.022 = 0.22 L x 3 Vol. = 0.66 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 6.00 L
Physical appearance of purge water: Slightly cloudy — Odor: None — Color: Lt 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
11:04	0.0	200	purge start time						
11:19	3.0	↓	6.89	1,030.30	18.05	3.28	-34.60	188.29	
11:22	3.6		6.90	1,024.20	18.17	3.21	-62.70	156.76	
11:25	4.2		6.91	1,016.30	18.20	3.02	-74.10	143.12	
11:28	4.8		6.92	1,008.80	18.22	2.88	-78.60	122.53	
11:31	5.4		6.93	1,003.40	18.48	3.09	-74.90	100.00	
11:34	6.0		6.93	998.70	18.59	3.29	-72.40	93.69	

Sampling Activities

Sampled By: TC — Sample Date/Time: 10/17/2024 11:34
Sample Method: Low Flow — Sample Equipment: Submersible Pump
Sample Parameters: 6.93 pH — 998.70 Spec. Cond. — 18.59 Temp
Field Filtered: Yes — Filter Type: In-Line Disposable
Water Level: 13.99 feet below TOC — Drawdown: 2.73 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 46868

Form Completed By: Tracy Carroll — **Date:** 10/17/2024

Field Data Sheet

Project Name:	BAL-24Q4	**Monitoring Point:**	MW-197
Project Location:	Baldwin, Illinois	**Sample ID:**	013
W.O. Number (s):	24100001	**Date (s):**	10/17/2024

Field Team Members

Name: Tracy Carroll — Affiliation: TekLab, Inc.
Name: — Affiliation:

Weather Conditions

Temp: 62 °F — Wind Direction: ☑ N ☐ S ☐ W ☐ E ☐ SE ☐ SW ☐ NE ☐ NW

Precipitation: ☑ None ☐ Light ☐ Heavy — Sky: ☑ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

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

Locks	Yes	No
Protective Casing	X	
Well		X

Groundwater Level Measurements

Date/Time Measured: 10/17/2024 11:50

Static Water Level: 8.14 feet below TOC
Total Depth: 20.66 feet below TOC
Water Column: 12.52 feet

Purging Activities

Purged By: TC — Purge Date: 10/17/2024
Purge Method: Submersible Pump — Well Diameter: 2"
Purge Volume Calculation (L): 12.52 ft. x 0.022 = 0.28 L x 3 Vol. = 0.84 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 8.50 L
Physical appearance of purge water: Slightly cloudy — Odor: None — Color: lt oange

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
11:50	0.0	189	purge start time						
12:11	4.0	↓	6.80	605.90	16.24	2.15	-37.80	172.85	
12:14	4.5		6.80	602.90	16.86	2.12	-30.30	148.11	
12:17	5.1		6.80	599.50	16.91	2.09	-17.90	122.48	
12:20	5.7		6.80	597.10	17.06	1.76	-3.10	105.31	
12:23	6.2		6.81	593.50	17.11	1.69	9.30	99.50	
12:26	6.8		6.83	589.70	17.17	1.58	16.10	87.84	
12:29	7.4		6.85	585.30	17.12	1.67	20.50	80.68	
12:32	7.9		6.86	583.60	17.05	1.77	23.50	87.83	
12:35	8.5		6.85	581.20	16.95	1.81	25.20	95.90	

Sampling Activities

Sampled By: TC — Sample Date/Time: 10/17/2024 12:35
Sample Method: Low Flow — Sample Equipment: Submersible Pump
Sample Parameters: 6.85 pH — 581.20 Spec. Cond. — 16.95 Temp
Field Filtered: Yes — Filter Type: In-Line Disposable
Water Level: 13.89 feet below TOC — Drawdown: 5.75 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 46868

Form Completed By: Tracy Carroll — **Date:** 10/17/2024

Field Data Sheet

Project Name:	BAL-24Q4	**Monitoring Point:**	MW-198
Project Location:	Baldwin, Illinois	**Sample ID:**	014
W.O. Number (s):	24100001	**Date (s):**	11/1/2024

Field Team Members

Name: Brett Gillihan — Affiliation: TekLab, Inc.
Name: Danny Crump — Affiliation: TekLab, Inc.

Weather Conditions

Temp: 50 °F — Wind Direction: ☐ N ☐ S ☐ W ☐ E ☐ SE ☑ 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	No			

Groundwater Level Measurements

Date/Time Measured: 11/1/2024 10:25
Static Water Level: 8.99 feet below TOC
Total Depth: 20.57 feet below TOC
Water Column: 11.58 feet

Purging Activities

Purged By: BG — Purge Date: 11/1/2024
Purge Method: Peristaltic Pump — Well Diameter: 2"
Purge Volume Calculation (L): 11.58 ft. x 0.022 = 0.25 L x 3 Vol. = 0.75 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 3.00 L
Physical appearance of purge water: Clear — Odor: None — Color: Clear

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
10:25	0.0	176	purge start time						
10:30	0.9	↓	6.48	766.70	14.25	8.26	79.70	19.76	
10:33	1.4		6.52	773.50	14.24	8.60	85.80	18.00	
10:36	1.9		6.59	773.60	14.27	8.91	90.20	314.09	
10:39	2.5		6.63	771.20	14.35	9.03	93.90	17.74	
10:42	3.0		6.65	767.30	14.55	8.98	97.30	19.99	

Sampling Activities

Sampled By: BG — Sample Date/Time: 11/1/2024 10:42
Sample Method: Low Flow — Sample Equipment: Peristaltic Pump
Sample Parameters: 6.65 pH — 767.30 Spec. Cond. — 14.55 Temp
Field Filtered: Yes — Filter Type: In-Line Disposable
Water Level: 9.41 feet below TOC — Drawdown: 0.42 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 210760

Form Completed By:  **Date:** 11/1/2024

Field Data Sheet

Project Name:	BAL-24Q4	**Monitoring Point:**	MW-252
Project Location:	Baldwin, Illinois	**Sample ID:**	015
W.O. Number (s):	24100001	**Date (s):**	10/16/2024

Field Team Members

Name: Tracy Carroll — Affiliation: TekLab, Inc.
Name: — Affiliation:

Weather Conditions

Temp: 49 °F — Wind Direction: ☐ N ☑ S ☐ W ☐ E ☐ SE ☐ SW ☐ NE ☐ NW

Precipitation: ☑ None ☐ Light ☐ Heavy — Sky: ☑ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

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

Locks	Yes	No
Protective Casing	X	
Well		X

Groundwater Level Measurements

Date/Time Measured: 10/16/2024 11:22

Static Water Level: 3.84 feet below TOC
Total Depth: 52.30 feet below TOC
Water Column: 48.46 feet

Purging Activities

Purged By: TC — Purge Date: 10/16/2024
Purge Method: Peristaltic Pump — Well Diameter: 2"
Purge Volume Calculation (L): 48.46 ft. x 0.022 = 1.07 L x 3 Vol. = 3.21 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 5.00 L
Physical appearance of purge water: Clear — Odor: None — Color: None

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
11:26	0.0	200	purge start time						
11:36	2.0	↓	6.72	1,284.50	14.97	1.66	-170.80	18.16	
11:39	2.6		6.71	1,276.10	14.93	1.47	-173.10	24.04	
11:42	3.2		6.71	1,274.90	14.82	1.35	-174.50	31.62	
11:45	3.8		6.71	1,273.80	14.76	1.26	-176.60	46.69	
11:48	4.4		6.71	1,270.70	14.83	1.25	-176.90	65.40	
11:51	5.0		6.71	1,270.80	14.86	1.23	-176.60	85.61	

Sampling Activities

Sampled By: TC — Sample Date/Time: 10/16/2024 11:51
Sample Method: Low Flow — Sample Equipment: Peristaltic Pump
Sample Parameters: 6.71 pH — 1,270.80 Spec. Cond. — 14.86 Temp
Field Filtered: Yes — Filter Type: In-Line Disposable
Water Level: 11.34 feet below TOC — Drawdown: 7.50 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 46868

Form Completed By: Tracy Carroll — **Date:** 10/16/2024

Field Data Sheet

Project Name:	BAL-24Q4	**Monitoring Point:**	MW-253R
Project Location:	Baldwin, Illinois	**Sample ID:**	016
W.O. Number (s):	24100001	**Date (s):**	10/16/2024

Field Team Members

Name: Justin Colp — Affiliation: TekLab, Inc.
Name: Danny Crump — Affiliation: TekLab, Inc.

Weather Conditions

Temp: 54 °F — Wind Direction: ☐ N ☑ S ☐ W ☐ E ☐ SE ☐ SW ☐ NE ☐ NW

Precipitation: ☑ None ☐ Light ☐ Heavy — Sky: ☑ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

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

Locks	Yes	No
Protective Casing	X	
Well		X

Groundwater Level Measurements

Date/Time Measured: 10/16/2024 11:48
Static Water Level: 21.12 feet below TOC
Total Depth: 38.49 feet below TOC
Water Column: 17.37 feet

Purging Activities

Purged By: JC — Purge Date: 10/16/2024
Purge Method: Bladder Pump — Well Diameter: 2"
Purge Volume Calculation (L): 17.37 ft. x 0.022 = 0.38 L x 3 Vol. = 1.14 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 3.00 L
Physical appearance of purge water: Clear — Odor: Moderate — Color: none

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
11:59	0.0	188	purge start time						
12:09	1.9	↓	6.58	1,822.20	15.84	1.69	-120.50	18.54	
12:12	2.5		6.55	1,806.30	15.72	1.51	-118.90	19.44	
12:15	3.0		6.54	1,773.90	15.69	1.55	-110.90	22.02	

Sampling Activities

Sampled By: JC — Sample Date/Time: 10/16/2024 12:15
Sample Method: Low Flow — Sample Equipment: Bladder Pump
Sample Parameters: 6.54 pH — 1,773.90 Spec. Cond. — 15.69 Temp
Field Filtered: Yes — Filter Type: In-Line Disposable
Water Level: 25.40 feet below TOC — Drawdown: 4.28 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 43918

Form Completed By: Justin Colp — **Date:** 10/16/2024

Field Data Sheet

Project Name:	BAL-24Q4	**Monitoring Point:**	MW-304
Project Location:	Baldwin, Illinois	**Sample ID:**	017
W.O. Number (s):	24100001	**Date (s):**	10/16/2024

Field Team Members

Name: Justin Colp — Affiliation: TekLab, Inc.
Name: Danny Crump — Affiliation: TekLab, Inc.

Weather Conditions

Temp: 40 °F — Wind Direction: ☐ N ☑ S ☐ W ☐ E ☐ SE ☐ SW ☐ NE ☐ NW

Precipitation: ☑ None ☐ Light ☐ Heavy — Sky: ☑ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

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

Locks	Yes	No
Protective Casing	X	
Well		X

Groundwater Level Measurements

Date/Time Measured: 10/16/2024 8:58

Static Water Level: 9.54 feet below TOC
Total Depth: 57.50 feet below TOC
Water Column: 47.96 feet

Purging Activities

Purged By: JC — Purge Date: 10/16/2024
Purge Method: Bladder Pump — Well Diameter: 2"
Purge Volume Calculation (L): 47.96 ft. x 0.022 = 1.06 L x 3 Vol. = 3.18 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 6.00 L
Physical appearance of purge water: Clear — Odor: None — Color: none

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
9:05	0.0	214	purge start time						
9:12	1.5	↓	7.65	2,611.60	15.46	2.75	-66.00	1.62	
9:15	2.1		7.66	2,605.30	15.34	2.04	-57.70	1.71	
9:18	2.8		7.66	2,597.00	15.32	1.72	-51.90	2.00	
9:21	3.4		7.65	2,588.70	15.35	1.52	-47.50	2.01	
9:24	4.1		7.64	2,579.10	15.30	1.39	-43.50	2.48	
9:27	4.7		7.60	2,567.20	15.28	1.27	-39.50	3.91	
9:30	5.4		7.56	2,553.70	15.29	1.26	-35.50	5.23	
9:33	6.0		7.54	2,541.30	15.29	1.24	-32.10	6.32	

Sampling Activities

Sampled By: JC — Sample Date/Time: 10/16/2024 9:33
Sample Method: Low Flow — Sample Equipment: Bladder Pump
Sample Parameters: 7.54 pH — 2,541.30 Spec. Cond. — 15.29 Temp
Field Filtered: Yes — Filter Type: In-Line Disposable
Water Level: 16.00 feet below TOC — Drawdown: 6.46 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 43918

Form Completed By: Justin Colp — **Date:** 10/16/2024

Field Data Sheet

Project Name:	BAL-24Q4	**Monitoring Point:**	MW-350R
Project Location:	Baldwin, Illinois	**Sample ID:**	018
W.O. Number (s):	24100001	**Date (s):**	10/15/2024

Field Team Members

Name: Justin Colp — Affiliation: TekLab, Inc.
Name: Danny Crump — Affiliation: TekLab, Inc.

Weather Conditions

Temp: 55 °F — Wind Direction: ☐ N ☑ S ☐ W ☐ E ☐ SE ☐ SW ☐ NE ☐ NW

Precipitation: ☑ None ☐ Light ☐ Heavy — Sky: ☐ Clear ☐ Partly Cloudy ☑ Cloudy

Well Observations

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

Locks	Yes	No
Protective Casing	X	
Well		X

Groundwater Level Measurements

Date/Time Measured: 10/15/2024 12:29
Static Water Level: 24.83 feet below TOC
Total Depth: 50.16 feet below TOC
Water Column: 25.33 feet

Purging Activities

Purged By: JC — Purge Date: 10/15/2024
Purge Method: Bladder Pump — Well Diameter: 2"
Purge Volume Calculation (L): 25.33 ft. x 0.022 = 0.56 L x 3 Vol. = 1.68 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
12:30	0.0	182	purge start time						
12:37	1.3	↓	7.34	860.90	13.77	1.45	-149.20	20.78	
12:40	1.8		7.33	858.80	13.70	1.02	-155.70	17.72	
12:43	2.4		7.32	857.30	13.72	0.71	-161.10	14.13	
12:46	2.9		7.32	856.60	13.73	0.53	-165.00	10.75	
12:49	3.5		7.32	856.30	13.71	0.44	-167.50	9.51	
12:52	4.0		7.31	856.00	13.72	0.39	-169.30	9.18	

Sampling Activities

Sampled By: JC — Sample Date/Time: 10/15/2024 12:52
Sample Method: Low Flow — Sample Equipment: Bladder Pump
Sample Parameters: 7.31 pH — 856.00 Spec. Cond. — 13.72 Temp
Field Filtered: Yes — Filter Type: In-Line Disposable
Water Level: 30.55 feet below TOC — Drawdown: 5.72 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 43918

Form Completed By: Justin Colp — **Date:** 10/15/2024

Field Data Sheet

Project Name:	BAL-24Q4	**Monitoring Point:**	MW-352
Project Location:	Baldwin, Illinois	**Sample ID:**	019
W.O. Number (s):	24100001	**Date (s):**	10/16/2024

Field Team Members

Name: Tracy Carroll — Affiliation: TekLab, Inc.
Name: — Affiliation:

Weather Conditions

Temp: 48 °F — Wind Direction: ☐ N ☑ S ☐ W ☐ E ☐ SE ☐ SW ☐ NE ☐ NW

Precipitation: ☑ None ☐ Light ☐ Heavy — Sky: ☑ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

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

Locks	Yes	No
Protective Casing	X	
Well		X

Groundwater Level Measurements

Date/Time Measured: 10/16/2024 10:58

Static Water Level: 4.21 feet below TOC
Total Depth: 75.70 feet below TOC
Water Column: 71.49 feet

Purging Activities

Purged By: TC — Purge Date: 10/16/2024
Purge Method: Bladder Pump — Well Diameter: 2"
Purge Volume Calculation (L): 71.49 ft. x 0.022 = 1.57 L x 3 Vol. = 4.71 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 2.00 L
Physical appearance of purge water: Clear — Odor: None — Color: None

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
10:58	0.0	100	purge start time						
11:06	0.8	↓	7.39	1,503.20	14.91	0.62	-220.60	14.14	
11:09	1.1		7.41	1,545.10	14.87	0.40	-214.60	17.72	
11:12	1.4		7.45	2,583.00	14.88	0.31	-218.20	20.54	
11:15	1.7		7.49	2,617.40	14.87	0.28	-225.70	23.03	
11:18	2.0		7.50	2,622.20	14.91	0.26	-228.90	25.23	

Sampling Activities

Sampled By: TC — Sample Date/Time: 10/16/2024 11:18
Sample Method: Low Flow — Sample Equipment: Bladder Pump
Sample Parameters: 7.50 pH — 2,622.20 Spec. Cond. — 14.91 Temp
Field Filtered: Yes — Filter Type: In-Line Disposable
Water Level: 7.39 feet below TOC — Drawdown: 3.18 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 46868

Form Completed By: Tracy Carroll — **Date:** 10/16/2024

Field Data Sheet

Project Name:	BAL-24Q4	**Monitoring Point:**	MW-355
Project Location:	Baldwin, Illinois	**Sample ID:**	020
W.O. Number (s):	24100001	**Date (s):**	10/16/2024

Field Team Members

Name: Justin Colp — Affiliation: TekLab, Inc.
Name: Danny Crump — Affiliation: TekLab, Inc.

Weather Conditions

Temp: 58 °F — Wind Direction: ☐ N ☑ S ☐ W ☐ E ☐ SE ☐ SW ☐ NE ☐ NW

Precipitation: ☑ None ☐ Light ☐ Heavy — Sky: ☑ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

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

Locks	Yes	No
Protective Casing	X	
Well		X

Groundwater Level Measurements

Date/Time Measured: 10/16/2024 14:08
Static Water Level: 24.81 feet below TOC
Total Depth: 35.40 feet below TOC
Water Column: 10.59 feet

Purging Activities

Purged By: JC — Purge Date: 10/16/2024
Purge Method: Bladder Pump — Well Diameter: 2"
Purge Volume Calculation (L): 10.59 ft. x 0.022 = 0.23 L x 3 Vol. = 0.69 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
14:08	0.0	200	purge start time						
14:13	1.0	↓	6.81	954.00	13.82	2.21	-104.90	10.41	
14:16	1.6		6.82	927.80	13.75	1.48	-88.70	4.95	
14:19	2.2		6.82	917.90	13.74	1.22	-74.00	3.43	
14:22	2.8		6.82	915.10	13.77	1.04	-63.00	3.45	
14:25	3.4		6.81	913.70	13.76	0.96	-54.90	2.90	
14:28	4.0		6.81	912.50	13.79	1.05	-48.20	2.30	

Sampling Activities

Sampled By: JC — Sample Date/Time: 10/16/2024 14:28
Sample Method: Low Flow — Sample Equipment: Bladder Pump
Sample Parameters: 6.81 pH — 912.50 Spec. Cond. — 13.79 Temp
Field Filtered: Yes — Filter Type: In-Line Disposable
Water Level: 27.21 feet below TOC — Drawdown: 2.40 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 43918

Form Completed By: Justin Colp — **Date:** 10/16/2024

Field Data Sheet

Project Name:	BAL-24Q4	**Monitoring Point:**	MW-356
Project Location:	Baldwin, Illinois	**Sample ID:**	021
W.O. Number (s):	24100001	**Date (s):**	10/16/2024

Field Team Members

Name: Tracy Carroll — Affiliation: TekLab, Inc.
Name: — Affiliation:

Weather Conditions

Temp: 55 °F — Wind Direction: ☐ N ☑ S ☐ W ☐ E ☐ SE ☐ SW ☐ NE ☐ NW

Precipitation: ☑ None ☐ Light ☐ Heavy — Sky: ☑ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

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

Locks	Yes	No
Protective Casing	X	
Well		X

Groundwater Level Measurements

Date/Time Measured: 10/16/2024 14:01

Static Water Level: 4.69 feet below TOC
Total Depth: 68.40 feet below TOC
Water Column: 63.71 feet

Purging Activities

Purged By: TC — Purge Date: 10/16/2024
Purge Method: Bladder Pump — Well Diameter: 2"
Purge Volume Calculation (L): 63.71 ft. x 0.022 = 1.4 L x 3 Vol. = 4.2 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 5.00 L
Physical appearance of purge water: Clear — Odor: None — Color: None

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
14:01	0.0	200	purge start time						
14:08	1.4	↓	7.74	1,288.70	16.45	0.48	-153.70	2.68	
14:11	2.0		7.71	1,267.40	16.56	0.30	-140.90	3.76	
14:14	2.6		7.67	1,257.10	16.84	0.37	-123.30	5.20	
14:17	3.2		7.66	1,257.50	16.84	0.49	-102.70	6.65	
14:20	3.8		7.65	1,259.80	16.77	0.52	-88.70	7.61	
14:23	4.4		7.66	1,263.90	16.68	0.50	-79.70	9.91	
14:26	5.0		7.66	1,268.10	16.61	0.46	-74.50	11.35	

Sampling Activities

Sampled By: TC — Sample Date/Time: 10/16/2024 14:26
Sample Method: Low Flow — Sample Equipment: Bladder Pump
Sample Parameters: 7.66 pH — 1,268.10 Spec. Cond. — 16.61 Temp
Field Filtered: No — Filter Type:
Water Level: 8.99 feet below TOC — Drawdown: 4.30 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 46868

Form Completed By: Tracy Carroll — **Date:** 10/16/2024

Field Data Sheet

Project Name:	BAL-24Q4	**Monitoring Point:**	MW-358R
Project Location:	Baldwin, Illinois	**Sample ID:**	022
W.O. Number (s):	24100001	**Date (s):**	11/1/2024

Field Team Members

Name: Brett Gillihan — Affiliation: TekLab, Inc.
Name: Danny Crump — Affiliation: TekLab, Inc.

Weather Conditions

Temp: 55 °F — Wind Direction: ☐ N ☐ S ☐ W ☐ E ☐ SE ☑ SW ☐ NE ☐ NW

Precipitation: ☑ None ☐ Light ☐ Heavy — Sky: ☑ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

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

Locks	Yes	No
Protective Casing		X
Well		X

Groundwater Level Measurements

Date/Time Measured: 11/1/2024 11:28

Static Water Level: 81.62 feet below TOC
Total Depth: 87.75 feet below TOC
Water Column: 6.13 feet

Purging Activities

Purged By: BG — Purge Date: 11/1/2024
Purge Method: Bladder Pump — Well Diameter: 2"
Purge Volume Calculation (L): 6.13 ft. x 0.022 = 0.13 L x 3 Vol. = 0.39 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 3.00 L
Physical appearance of purge water: Clear — Odor: None — Color: Clear

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
11:08	0.0	150	purge start time						
11:16	1.2	↓	7.66	3,475.10	15.95	2.62	-112.40	57.98	
11:19	1.7		7.69	3,503.90	16.31	2.66	-111.00	46.87	
11:22	2.1		7.70	3,517.20	16.50	2.74	-108.70	47.71	
11:25	2.5		7.71	3,520.00	16.66	2.70	-107.70	44.37	
11:28	3.0		7.72	3,523.90	16.68	2.65	-106.80	43.41	

Sampling Activities

Sampled By: BG — Sample Date/Time: 11/1/2024 11:28
Sample Method: Low Flow — Sample Equipment: Bladder Pump
Sample Parameters: 7.72 pH — 3,523.90 Spec. Cond. — 16.68 Temp
Field Filtered: Yes — Filter Type: In-Line Disposable
Water Level: 82.13 feet below TOC — Drawdown: 0.51 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 210760

Form Completed By: Brett Gillihan — **Date:** 11/1/2024

Field Data Sheet

Project Name:	BAL-24Q4	**Monitoring Point:**	MW-366
Project Location:	Baldwin, Illinois	**Sample ID:**	023
W.O. Number (s):	24100001	**Date (s):**	10/15/2024

Field Team Members

Name: Justin Colp — Affiliation: TekLab, Inc.
Name: Danny Crump — Affiliation: TekLab, Inc.

Weather Conditions

Temp: 53 °F — Wind Direction: ☐ N ☑ S ☐ W ☐ E ☐ SE ☐ SW ☐ NE ☐ NW

Precipitation: ☑ None ☐ Light ☐ Heavy — Sky: ☐ Clear ☐ Partly Cloudy ☑ Cloudy

Well Observations

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

Locks	Yes	No
Protective Casing	X	
Well		X

Groundwater Level Measurements

Date/Time Measured: 10/15/2024 11:50

Static Water Level: 15.32 feet below TOC
Total Depth: 54.50 feet below TOC
Water Column: 39.18 feet

Purging Activities

Purged By: JC — Purge Date: 10/15/2024
Purge Method: Bladder Pump — Well Diameter: 2"
Purge Volume Calculation (L): 39.18 ft. x 0.022 = 0.86 L x 3 Vol. = 2.58 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 2.50 L
Physical appearance of purge water: Clear — Odor: None — Color: none

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
11:51	0.0	192	purge start time						
11:55	0.8	↓	6.46	2,193.50	14.60	1.12	-31.00	8.48	
11:58	1.3		6.46	2,184.00	14.71	0.57	-20.90	4.93	
12:01	1.9		6.46	2,177.50	14.78	0.41	-15.30	3.15	
12:04	2.5		6.46	2,167.30	14.79	0.34	-10.90	2.75	

Sampling Activities

Sampled By: JC — Sample Date/Time: 10/15/2024 12:04
Sample Method: Low Flow — Sample Equipment: Bladder Pump
Sample Parameters: 6.46 pH — 2,167.30 Spec. Cond. — 14.79 Temp
Field Filtered: No — Filter Type:
Water Level: 19.32 feet below TOC — Drawdown: 4.00 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 43918

Form Completed By: Justin Colp — **Date:** 10/15/2024

Field Data Sheet

Project Name:	BAL-24Q4	**Monitoring Point:**	MW-369
Project Location:	Baldwin, Illinois	**Sample ID:**	024
W.O. Number (s):	24100001	**Date (s):**	10/15/2024

Field Team Members

Name: Justin Colp — Affiliation: TekLab, Inc.
Name: Danny Crump — Affiliation: TekLab, Inc.

Weather Conditions

Temp: 51 °F — Wind Direction: ☐ N ☑ S ☐ W ☐ E ☐ SE ☐ SW ☐ NE ☐ NW

Precipitation: ☑ None ☐ Light ☐ Heavy — Sky: ☐ Clear ☐ Partly Cloudy ☑ Cloudy

Well Observations

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

Locks	Yes	No
Protective Casing	X	
Well		X

Groundwater Level Measurements

Date/Time Measured: 10/15/2024 11:06

Static Water Level: 13.65 feet below TOC
Total Depth: 68.20 feet below TOC
Water Column: 54.55 feet

Purging Activities

Purged By: JC — Purge Date: 10/15/2024
Purge Method: Bladder Pump — Well Diameter: 2"
Purge Volume Calculation (L): 54.55 ft. x 0.022 = 1.2 L x 3 Vol. = 3.6 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 3.00 L
Physical appearance of purge water: Clear — Odor: None — Color: none

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
11:07	0.0	167	purge start time						
11:13	1.0	↓	7.67	2,919.80	15.34	1.15	-165.70	12.76	
11:16	1.5		8.14	2,867.50	15.33	0.61	-205.50	9.49	
11:19	2.0		8.33	2,594.60	15.29	0.45	-220.20	5.93	
11:22	2.5		8.39	2,417.90	15.29	0.37	-224.50	4.49	
11:25	3.0		8.41	2,270.50	15.28	0.33	-225.70	3.69	

Sampling Activities

Sampled By: JC — Sample Date/Time: 10/15/2024 11:25
Sample Method: Low Flow — Sample Equipment: Bladder Pump
Sample Parameters: 8.41 pH — 2,270.50 Spec. Cond. — 15.28 Temp
Field Filtered: No — Filter Type:
Water Level: 17.18 feet below TOC — Drawdown: 3.53 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 43918

Form Completed By: Justin Colp — **Date:** 10/15/2024

Field Data Sheet

Project Name:	BAL-24Q4	**Monitoring Point:**	MW-370
Project Location:	Baldwin, Illinois	**Sample ID:**	025
W.O. Number (s):	24100001	**Date (s):**	10/15/2024

Field Team Members

Name: Justin Colp — Affiliation: TekLab, Inc.
Name: Danny Crump — Affiliation: TekLab, Inc.

Weather Conditions

Temp: 57 °F — Wind Direction: ☐ N ☑ S ☐ W ☐ E ☐ SE ☐ SW ☐ NE ☐ NW

Precipitation: ☑ None ☐ Light ☐ Heavy — Sky: ☐ Clear ☐ Partly Cloudy ☑ Cloudy

Well Observations

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

Locks	Yes	No
Protective Casing	X	
Well		X

Groundwater Level Measurements

Date/Time Measured: 10/15/2024 13:36
Static Water Level: 18.89 feet below TOC
Total Depth: 65.20 feet below TOC
Water Column: 46.31 feet

Purging Activities

Purged By: JC — Purge Date: 10/15/2024
Purge Method: Bladder Pump — Well Diameter: 2"
Purge Volume Calculation (L): 46.31 ft. x 0.022 = 1.02 L x 3 Vol. = 3.06 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 3.00 L
Physical appearance of purge water: Clear — Odor: None — Color: none

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
13:37	0.0	158	purge start time						
13:44	1.1	↓	7.43	6,066.60	15.64	1.67	-48.20	1.95	
13:47	1.6		7.45	6,128.40	15.55	0.90	-53.40	1.54	
13:50	2.1		7.45	6,148.00	15.46	0.62	-56.00	1.37	
13:53	2.5		7.44	6,158.80	15.46	0.50	-57.90	1.07	
13:56	3.0		7.43	6,166.40	15.57	0.42	-59.20	0.92	

Sampling Activities

Sampled By: JC — Sample Date/Time: 10/15/2024 13:56
Sample Method: Low Flow — Sample Equipment: Bladder Pump
Sample Parameters: 7.43 pH — 6,166.40 Spec. Cond. — 15.57 Temp
Field Filtered: No — Filter Type:
Water Level: 22.31 feet below TOC — Drawdown: 3.42 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 43918

Form Completed By: Justin Colp — **Date:** 10/15/2024

Field Data Sheet

Project Name:	BAL-24Q4	**Monitoring Point:**	MW-375
Project Location:	Baldwin, Illinois	**Sample ID:**	026
W.O. Number (s):	24100001	**Date (s):**	10/16/2024

Field Team Members

Name: Justin Colp — Affiliation: TekLab, Inc.
Name: Danny Crump — Affiliation: TekLab, Inc.

Weather Conditions

Temp: 55 °F — Wind Direction: ☐ N ☑ S ☐ W ☐ E ☐ SE ☐ SW ☐ NE ☐ NW

Precipitation: ☑ None ☐ Light ☐ Heavy — Sky: ☑ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

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

Locks	Yes	No
Protective Casing	X	
Well		X

Groundwater Level Measurements

Date/Time Measured: 10/16/2024 12:41

Static Water Level: 35.04 feet below TOC
Total Depth: 69.50 feet below TOC
Water Column: 34.46 feet

Purging Activities

Purged By: JC — Purge Date: 10/16/2024
Purge Method: Bladder Pump — Well Diameter: 2"
Purge Volume Calculation (L): 34.46 ft. x 0.022 = 0.76 L x 3 Vol. = 2.28 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 3.00 L
Physical appearance of purge water: Clear — Odor: Moderate — Color: none

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
12:42	0.0	136	purge start time						
12:49	1.0	↓	7.53	1,801.00	14.03	2.82	-126.40	3.34	
12:52	1.4		7.59	1,803.40	14.01	1.80	-156.20	2.91	
12:55	1.8		7.61	1,775.90	13.96	1.41	-174.20	2.43	
12:58	2.2		7.63	1,756.80	13.89	1.22	-180.10	2.39	
13:01	2.6		7.63	1,739.40	13.88	1.13	-178.50	2.63	
13:04	3.0		7.64	1,728.20	13.87	1.06	-173.60	2.86	

Sampling Activities

Sampled By: JC — Sample Date/Time: 10/16/2024 13:04
Sample Method: Low Flow — Sample Equipment: Bladder Pump
Sample Parameters: 7.64 pH — 1,728.20 Spec. Cond. — 13.87 Temp
Field Filtered: No — Filter Type:
Water Level: 38.51 feet below TOC — Drawdown: 3.47 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 43918

Form Completed By: Justin Colp — **Date:** 10/16/2024

Field Data Sheet

Project Name:	BAL-24Q4	**Monitoring Point:**	MW-377
Project Location:	Baldwin, Illinois	**Sample ID:**	027
W.O. Number (s):	24100001	**Date (s):**	10/16/2024

Field Team Members

Name: Justin Colp — Affiliation: TekLab, Inc.
Name: Danny Crump — Affiliation: TekLab, Inc.

Weather Conditions

Temp: 57 °F — Wind Direction: ☐ N ☑ S ☐ W ☐ E ☐ SE ☐ SW ☐ NE ☐ NW

Precipitation: ☑ None ☐ Light ☐ Heavy — Sky: ☑ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

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

Locks	Yes	No
Protective Casing	X	
Well		X

Groundwater Level Measurements

Date/Time Measured: 10/16/2024 13:22

Static Water Level: 7.32 feet below TOC
Total Depth: 58.60 feet below TOC
Water Column: 51.28 feet

Purging Activities

Purged By: JC — Purge Date: 10/16/2024
Purge Method: Bladder Pump — Well Diameter: 2"
Purge Volume Calculation (L): 51.28 ft. x 0.022 = 1.13 L x 3 Vol. = 3.39 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 3.00 L
Physical appearance of purge water: Clear — Odor: None — Color: none

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
13:23	0.0	188	purge start time						
13:30	1.3	↓	6.96	1,238.40	16.15	1.46	-50.80	3.04	
13:33	1.9		6.95	1,229.00	16.15	1.09	-46.90	4.13	
13:36	2.4		6.94	1,223.50	16.22	0.91	-42.90	7.45	
13:39	3.0		6.93	1,218.50	16.24	0.83	-40.20	11.10	

Sampling Activities

Sampled By: JC — Sample Date/Time: 10/16/2024 13:39
Sample Method: Low Flow — Sample Equipment: Bladder Pump
Sample Parameters: 6.93 pH — 1,218.50 Spec. Cond. — 16.24 Temp
Field Filtered: No — Filter Type:
Water Level: 11.11 feet below TOC — Drawdown: 3.79 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 43918

Form Completed By: Justin Colp — **Date:** 10/16/2024

Field Data Sheet

Project Name:	BAL-24Q4	**Monitoring Point:**	MW-382
Project Location:	Baldwin, Illinois	**Sample ID:**	028
W.O. Number (s):	24100001	**Date (s):**	10/15/2024

Field Team Members

Name: Justin Colp — Affiliation: TekLab, Inc.
Name: Danny Crump — Affiliation: TekLab, Inc.

Weather Conditions

Temp: 56 °F — Wind Direction: ☐ N ☑ S ☐ W ☐ E ☐ SE ☐ SW ☐ NE ☐ NW

Precipitation: ☑ None ☐ Light ☐ Heavy — Sky: ☐ Clear ☐ Partly Cloudy ☑ Cloudy

Well Observations

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

Locks	Yes	No
Protective Casing	X	
Well		X

Groundwater Level Measurements

Date/Time Measured: 10/15/2024 13:10

Static Water Level: 16.58 feet below TOC
Total Depth: 72.70 feet below TOC
Water Column: 56.12 feet

Purging Activities

Purged By: JC — Purge Date: 10/15/2024
Purge Method: Bladder Pump — Well Diameter: 2"
Purge Volume Calculation (L): 56.12 ft. x 0.022 = 1.23 L x 3 Vol. = 3.69 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 3.50 L
Physical appearance of purge water: Clear — Odor: None — Color: none

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
13:11	0.0	167	purge start time						
13:20	1.5	↓	7.72	2,058.20	16.24	1.70	-98.00	63.54	
13:23	2.0		7.72	2,051.60	16.16	1.00	-99.60	39.27	
13:26	2.5		7.69	2,015.40	16.00	0.74	-98.90	31.75	
13:29	3.0		7.65	1,988.70	15.91	0.63	-97.40	35.26	
13:32	3.5		7.63	1,965.70	15.93	0.54	-96.40	50.80	

Sampling Activities

Sampled By: JC — Sample Date/Time: 10/15/2024 13:32
Sample Method: Low Flow — Sample Equipment: Bladder Pump
Sample Parameters: 7.63 pH — 1,965.70 Spec. Cond. — 15.93 Temp
Field Filtered: No — Filter Type:
Water Level: 19.08 feet below TOC — Drawdown: 2.50 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 43918

Form Completed By: [signature] — **Date:** 10/15/2024

Field Data Sheet

Project Name:	BAL-24Q4	**Monitoring Point:**	MW-383
Project Location:	Baldwin, Illinois	**Sample ID:**	029
W.O. Number (s):	24100001	**Date (s):**	10/14/2024

Field Team Members

Name: Justin Colp — Affiliation: TekLab, Inc.
Name: Danny Crump — Affiliation: TekLab, Inc.

Weather Conditions

Temp: 61 °F — Wind Direction: ☐ N ☑ S ☐ W ☐ E ☐ SE ☐ SW ☐ NE ☐ NW

Precipitation: ☑ None ☐ Light ☐ Heavy — Sky: ☐ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

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

Locks	Yes	No
Protective Casing	X	
Well		X

Groundwater Level Measurements

Date/Time Measured: 10/14/2024 13:22

Static Water Level: 19.90 feet below TOC
Total Depth: 70.30 feet below TOC
Water Column: 50.40 feet

Purging Activities

Purged By: JC — Purge Date: 10/14/2024
Purge Method: Bladder Pump — Well Diameter: 2"
Purge Volume Calculation (L): 50.4 ft. x 0.022 = 1.11 L x 3 Vol. = 3.33 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 3.00 L
Physical appearance of purge water: Clear — Odor: None — Color: none

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
13:23	0.0	167	purge start time						
13:29	1.0	↓	7.42	2,505.20	18.77	2.01	-107.30	2.30	
13:32	1.5		7.43	2,592.90	18.69	1.07	-103.40	2.27	
13:35	2.0		7.42	2,613.50	18.76	0.77	-99.60	2.38	
13:38	2.5		7.42	2,628.90	18.67	0.64	-96.70	2.97	
13:41	3.0		7.41	2,635.00	18.67	0.57	-94.10	3.70	

Sampling Activities

Sampled By: JC — Sample Date/Time: 10/14/2024 13:41
Sample Method: Low Flow — Sample Equipment: Bladder Pump
Sample Parameters: 7.41 pH — 2,635.00 Spec. Cond. — 18.67 Temp
Field Filtered: No — Filter Type:
Water Level: 23.75 feet below TOC — Drawdown: 3.85 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 43918

Form Completed By: Justin Colp — **Date:** 10/14/2024

Field Data Sheet

Project Name:	BAL-24Q4	**Monitoring Point:**	MW-384
Project Location:	Baldwin, Illinois	**Sample ID:**	030
W.O. Number (s):	24100001	**Date (s):**	10/14/2024

Field Team Members

Name: Justin Colp — Affiliation: TekLab, Inc.
Name: Danny Crump — Affiliation: TekLab, Inc.

Weather Conditions

Temp: 62 °F — Wind Direction: ☐ N ☑ S ☐ W ☐ E ☐ SE ☐ SW ☐ NE ☐ NW

Precipitation: ☑ None ☐ Light ☐ Heavy — Sky: ☐ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

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

Locks	Yes	No
Protective Casing	X	
Well		X

Groundwater Level Measurements

Date/Time Measured: 10/14/2024 13:56

Static Water Level: 16.22 feet below TOC
Total Depth: 68.50 feet below TOC
Water Column: 52.28 feet

Purging Activities

Purged By: JC — Purge Date: 10/14/2024
Purge Method: Bladder Pump — Well Diameter: 2"
Purge Volume Calculation (L): 52.28 ft. x 0.022 = 1.15 L x 3 Vol. = 3.45 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 3.00 L
Physical appearance of purge water: Clear — Odor: None — Color: none

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
13:57	0.0	158	purge start time						
14:01	0.6	↓	7.72	4,816.60	17.79	3.17	-47.20	7.46	
14:04	1.1		7.91	4,900.60	17.66	1.26	-63.90	5.35	
14:07	1.6		7.95	4,926.70	17.59	0.72	-73.50	4.22	
14:10	2.0		7.96	4,941.60	17.57	0.53	-80.00	4.06	
14:13	2.5		7.96	4,950.00	17.56	0.43	-84.80	4.24	
14:16	3.0		7.95	4,957.40	17.52	0.38	-88.20	5.16	

Sampling Activities

Sampled By: JC — Sample Date/Time: 10/14/2024 14:16
Sample Method: Low Flow — Sample Equipment: Bladder Pump
Sample Parameters: 7.95 pH — 4,957.40 Spec. Cond. — 17.52 Temp
Field Filtered: No — Filter Type:
Water Level: 20.16 feet below TOC — Drawdown: 3.94 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 43918

Form Completed By: Justin Colp — **Date:** 10/14/2024

Field Data Sheet

Project Name:	BAL-24Q4	**Monitoring Point:**	MW-390
Project Location:	Baldwin, Illinois	**Sample ID:**	031
W.O. Number (s):	24100001	**Date (s):**	10/15/2024

Field Team Members

Name: Justin Colp — Affiliation: TekLab, Inc.
Name: Danny Crump — Affiliation: TekLab, Inc.

Weather Conditions

Temp: 51 °F — Wind Direction: ☐ N ☑ S ☐ W ☐ E ☐ SE ☐ SW ☐ NE ☐ NW

Precipitation: ☑ None ☐ Light ☐ Heavy — Sky: ☐ Clear ☐ Partly Cloudy ☑ Cloudy

Well Observations

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

Locks	Yes	No
Protective Casing	X	
Well		X

Groundwater Level Measurements

Date/Time Measured: 10/15/2024 11:29

Static Water Level: 8.65 feet below TOC
Total Depth: 67.10 feet below TOC
Water Column: 58.45 feet

Purging Activities

Purged By: JC — Purge Date: 10/15/2024
Purge Method: Bladder Pump — Well Diameter: 2"
Purge Volume Calculation (L): 58.45 ft. x 0.022 = 1.29 L x 3 Vol. = 3.87 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 3.50 L
Physical appearance of purge water: Clear — Odor: None — Color: none

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
11:30	0.0	219	purge start time						
11:34	0.9	↓	7.07	3,613.20	15.98	2.26	-110.10	6.47	
11:37	1.5		7.16	3,780.40	15.95	1.58	-116.70	10.74	
11:40	2.2		7.12	3,596.00	16.25	1.39	-112.60	16.00	
11:43	2.8		7.08	3,498.40	16.09	1.29	-105.80	21.44	
11:46	3.5		7.04	3,432.70	16.02	1.28	-99.50	27.12	

Sampling Activities

Sampled By: JC — Sample Date/Time: 10/15/2024 11:46
Sample Method: Low Flow — Sample Equipment: Bladder Pump
Sample Parameters: 7.04 pH — 3,432.70 Spec. Cond. — 16.02 Temp
Field Filtered: No — Filter Type:
Water Level: 12.30 feet below TOC — Drawdown: 3.65 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 43918

Form Completed By: Justin Colp — **Date:** 10/15/2024

Field Data Sheet

Project Name:	BAL-24Q4	**Monitoring Point:**	MW-391R
Project Location:	Baldwin, Illinois	**Sample ID:**	032
W.O. Number (s):	24100001	**Date (s):**	11/1/2024

Field Team Members

Name: Tracy Carroll — Affiliation: TekLab, Inc.
Name: — Affiliation:

Weather Conditions

Temp: 54 °F — Wind Direction: ☐ N ☐ S ☐ W ☐ E ☐ SE ☑ SW ☐ NE ☐ NW

Precipitation: ☑ None ☐ Light ☐ Heavy — Sky: ☑ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

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

Locks	Yes	No
Protective Casing	X	
Well		X

Groundwater Level Measurements

Date/Time Measured: 11/1/2024 11:39

Static Water Level: 71.22 feet below TOC
Total Depth: 72.15 feet below TOC
Water Column: 0.93 feet

Purging Activities

Purged By: TAC — Purge Date: 11/1/2024
Purge Method: Bladder Pump — Well Diameter: 2"
Purge Volume Calculation (L): 0.930000000000007 ft. x 0.022 = 0.02 L x 3 Vol. = 0.(**Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 1.50 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
11:41	0.0	44	purge start time						
N/A	0.8	↓							

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)

- Well went dry during purge, no stabilization; no sample collected

Form Completed By: Tracy Carroll — **Date:** 11/1/2024

Field Data Sheet

Project Name:	BAL-24Q4	**Monitoring Point:**	MW-392
Project Location:	Baldwin, Illinois	**Sample ID:**	033
W.O. Number (s):	24100001	**Date (s):**	10/15/2024

Field Team Members

Name: Justin Colp — Affiliation: TekLab, Inc.
Name: Danny Crump — Affiliation: TekLab, Inc.

Weather Conditions

Temp: 49 °F — Wind Direction: ☐ N ☑ S ☐ W ☐ E ☐ SE ☐ SW ☐ NE ☐ NW

Precipitation: ☑ None ☐ Light ☐ Heavy — Sky: ☐ Clear ☐ Partly Cloudy ☑ Cloudy

Well Observations

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

Locks	Yes	No
Protective Casing	X	
Well		X

Groundwater Level Measurements

Date/Time Measured: 10/15/2024 10:18
Static Water Level: 9.29 feet below TOC
Total Depth: 86.96 feet below TOC
Water Column: 77.67 feet

Purging Activities

Purged By: JC — Purge Date: 10/15/2024
Purge Method: Bladder Pump — Well Diameter: 2"
Purge Volume Calculation (L): 77.665 ft. x 0.022 = 1.71 L x 3 Vol. = 5.13 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 3.50 L
Physical appearance of purge water: Clear — Odor: None — Color: none

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
10:19	0.0	184	purge start time						
10:26	1.3	↓	7.55	3,848.20	17.33	2.68	-138.30	2.98	
10:29	1.8		7.56	3,843.30	17.46	1.96	-142.30	2.55	
10:32	2.4		7.56	3,837.80	17.47	1.68	-142.40	3.37	
10:35	2.9		7.56	3,834.50	17.41	1.53	-141.90	5.00	
10:38	3.5		7.56	3,834.30	17.37	1.42	-141.50	6.99	

Sampling Activities

Sampled By: JC — Sample Date/Time: 10/15/2024 10:38
Sample Method: Low Flow — Sample Equipment: Bladder Pump
Sample Parameters: 7.56 pH — 3,834.30 Spec. Cond. — 17.37 Temp
Field Filtered: No — Filter Type:
Water Level: 14.55 feet below TOC — Drawdown: 5.26 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 43918

Form Completed By: [signature] — **Date:** 10/15/2024

Field Data Sheet

Project Name:	BAL-24Q4	**Monitoring Point:**	MW-393
Project Location:	Baldwin, Illinois	**Sample ID:**	034
W.O. Number (s):	24100001	**Date (s):**	10/15/2024

Field Team Members

Name: Justin Colp — Affiliation: TekLab, Inc.
Name: Danny Crump — Affiliation: TekLab, Inc.

Weather Conditions

Temp: 48 °F — Wind Direction: ☐ N ☑ S ☐ W ☐ E ☐ SE ☐ SW ☐ NE ☐ NW

Precipitation: ☑ None ☐ Light ☐ Heavy — Sky: ☐ Clear ☐ Partly Cloudy ☑ Cloudy

Well Observations

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

Locks	Yes	No
Protective Casing	X	
Well		X

Groundwater Level Measurements

Date/Time Measured: 10/15/2024 9:58
Static Water Level: 8.35 feet below TOC
Total Depth: 88.27 feet below TOC
Water Column: 79.92 feet

Purging Activities

Purged By: JC — Purge Date: 10/15/2024
Purge Method: Bladder Pump — Well Diameter: 2"
Purge Volume Calculation (L): 79.921 ft. x 0.022 = 1.76 L x 3 Vol. = 5.28 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 3.50 L
Physical appearance of purge water: Clear — Odor: Moderate — Color: none

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
9:58	0.0	219	purge start time						
10:02	0.9	↓	8.00	4,429.00	17.37	1.47	-180.50	3.03	
10:05	1.5		8.07	4,553.80	17.41	0.63	-215.30	1.93	
10:08	2.2		8.08	4,598.50	17.73	0.43	-234.70	1.63	
10:11	2.8		8.08	4,626.80	17.69	0.36	-247.80	1.52	
10:14	3.5		8.09	4,640.90	17.70	0.31	-257.50	1.54	

Sampling Activities

Sampled By: JC — Sample Date/Time: 10/15/2024 10:14
Sample Method: Low Flow — Sample Equipment: Bladder Pump
Sample Parameters: 8.09 pH — 4,640.90 Spec. Cond. — 17.70 Temp
Field Filtered: No — Filter Type:
Water Level: 12.21 feet below TOC — Drawdown: 3.86 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 43918

Form Completed By: Justin Colp — **Date:** 10/15/2024

Field Data Sheet

Project Name:	BAL-24Q4	**Monitoring Point:**	MW-394
Project Location:	Baldwin, Illinois	**Sample ID:**	035
W.O. Number (s):	24100001	**Date (s):**	10/15/2024

Field Team Members

Name: Justin Colp — Affiliation: TekLab, Inc.
Name: Danny Crump — Affiliation: TekLab, Inc.

Weather Conditions

Temp: 47 °F — Wind Direction: ☐ N ☑ S ☐ W ☐ E ☐ SE ☐ SW ☐ NE ☐ NW

Precipitation: ☑ None ☐ Light ☐ Heavy — Sky: ☐ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

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

Locks	Yes	No
Protective Casing	X	
Well		X

Groundwater Level Measurements

Date/Time Measured: 10/15/2024 9:08

Static Water Level: 6.78 feet below TOC
Total Depth: 85.78 feet below TOC
Water Column: 79.00 feet

Purging Activities

Purged By: JC — Purge Date: 10/15/2024
Purge Method: Bladder Pump — Well Diameter: 2"
Purge Volume Calculation (L): 79 ft. x 0.022 = 1.74 L x 3 Vol. = 5.22 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 4.00 L
Physical appearance of purge water: Clear — Odor: Moderate — Color: none

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
9:09	0.0	200	purge start time						
9:17	1.6	↓	7.71	4,495.70	17.26	2.38	-156.50	6.02	
9:20	2.2		7.78	4,506.70	17.23	1.34	-232.50	3.13	
9:23	2.8		7.87	4,421.20	17.18	0.76	-284.50	9.76	
9:26	3.4		7.92	4,348.60	17.16	0.71	-291.90	13.72	
9:29	4.0		7.93	4,335.20	17.10	0.69	-291.70	39.21	

Sampling Activities

Sampled By: JC — Sample Date/Time: 10/15/2024 9:29
Sample Method: Low Flow — Sample Equipment: Bladder Pump
Sample Parameters: 7.93 pH — 4,335.20 Spec. Cond. — 17.10 Temp
Field Filtered: No — Filter Type:
Water Level: 13.31 feet below TOC — Drawdown: 6.53 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 43918

Form Completed By: Justin Colp — **Date:** 10/15/2024

Field Data Sheet

Project Name:	BAL-24Q4	**Monitoring Point:**	OW-156
Project Location:	Baldwin, Illinois	**Sample ID:**	036
W.O. Number (s):	24100001	**Date (s):**	10/16/2024

Field Team Members

Name: Tracy Carroll — Affiliation: TekLab, Inc.
Name: — Affiliation:

Weather Conditions

Temp: 40 °F — Wind Direction: ☐ N ☑ S ☐ W ☐ E ☐ SE ☐ SW ☐ NE ☐ NW

Precipitation: ☑ None ☐ Light ☐ Heavy — Sky: ☑ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

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

Locks	Yes	No
Protective Casing	X	
Well		X

Groundwater Level Measurements

Date/Time Measured: 10/16/2024 14:31

Static Water Level: 8.99 feet below TOC
Total Depth: 20.40 feet below TOC
Water Column: 11.41 feet

Purging Activities

Purged By: TC — Purge Date: 10/16/2024
Purge Method: Bailer — Well Diameter: 2"
Purge Volume Calculation (L): 11.41 ft. x 0.022 = 0.25 L x 3 Vol. = 0.75 L **Based on 3-Well Volumes*
Actual Purge Volume (L): 2.00 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
14:32	0.0	667	purge start time						
14:35	2.0	↓	6.55	1,053.90	19.66	3.81	-20.40	20.24	

Sampling Activities

Sampled By: TC — Sample Date/Time: 10/16/2024 14:35
Sample Method: — Sample Equipment:
Sample Parameters: 6.55 pH — 1,053.90 Spec. Cond. — 19.66 Temp
Field Filtered: — Filter Type:
Water Level: 9.35 feet below TOC — Drawdown: 0.36 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 46868
- Stabilization data only; no sample collected

Form Completed By: Tracy Carroll — **Date:** 10/16/2024

Field Data Sheet

Project Name:	BAL-24Q4	**Monitoring Point:**	OW-157
Project Location:	Baldwin, Illinois	**Sample ID:**	037
W.O. Number (s):	24100001	**Date (s):**	10/17/2024

Field Team Members

Name: Brett Gillihan — Affiliation: TekLab, Inc.
Name: Danny Crump — Affiliation: TekLab, Inc.

Weather Conditions

Temp: 62 °F — Wind Direction: ☑ N ☐ S ☐ W ☐ E ☐ SE ☐ SW ☐ NE ☐ NW

Precipitation: ☑ None ☐ Light ☐ Heavy — Sky: ☑ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

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

Locks	Yes	No
Protective Casing	X	
Well		X

Groundwater Level Measurements

Date/Time Measured: 10/17/2024 12:54

Static Water Level: 6.29 feet below TOC
Total Depth: 20.40 feet below TOC
Water Column: 14.11 feet

Purging Activities

Purged By: BG — Purge Date: 10/17/2024
Purge Method: Bailer — Well Diameter: 2"
Purge Volume Calculation (L): 14.11 ft. x 0.022 = 0.31 L x 3 Vol. = 0.93 L **Based on 3-Well Volumes*
Actual Purge Volume (L): 2.00 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
12:54	0.0	400	purge start time						
12:56	1.0	↓	6.39	3,644.80	18.94	2.43	29.60	7.01	
12:59	2.2		6.33	3,633.90	18.74	2.21	38.10	6.22	
13:02	3.4		6.25	3,626.40	18.95	1.97	43.10	4.26	

Sampling Activities

Sampled By: BG — Sample Date/Time: 10/17/2024 13:02
Sample Method: — Sample Equipment:
Sample Parameters: 6.25 pH — 3,626.40 Spec. Cond. — 18.95 Temp
Field Filtered: — Filter Type:
Water Level: 7.69 feet below TOC — Drawdown: 1.40 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 223357
- Stabilization data only; no sample collected

Form Completed By: Brett Gillihan — **Date:** 10/17/2024

Field Data Sheet

Project Name:	BAL-24Q4	**Monitoring Point:**	OW-256
Project Location:	Baldwin, Illinois	**Sample ID:**	038
W.O. Number (s):	24100001	**Date (s):**	10/15/2024

Field Team Members

Name: Tracy Carroll — Affiliation: TekLab, Inc.
Name: — Affiliation:

Weather Conditions

Temp: 49 °F — Wind Direction: ☐ N ☑ S ☐ W ☐ E ☐ SE ☐ SW ☐ NE ☐ NW

Precipitation: ☑ None ☐ Light ☐ Heavy — Sky: ☐ Clear ☐ Partly Cloudy ☑ Cloudy

Well Observations

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

Locks	Yes	No
Protective Casing	X	
Well		X

Groundwater Level Measurements

Date/Time Measured: 10/15/2024 11:11

Static Water Level: 11.66 feet below TOC
Total Depth: 35.60 feet below TOC
Water Column: 23.94 feet

Purging Activities

Purged By: TC — Purge Date: 10/15/2024
Purge Method: Peristaltic Pump — Well Diameter: 2"
Purge Volume Calculation (L): 23.94 ft. x 0.022 = 0.53 L x 3 Vol. = 1.59 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 7.00 L
Physical appearance of purge water: Clear — Odor: None — Color: None

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
11:11	0.0	241	purge start time						
11:22	2.7	↓	6.89	563.10	15.79	1.46	-86.90	3.42	
11:25	3.4		6.86	561.60	15.82	1.25	-82.70	3.48	
11:28	4.1		6.84	559.60	15.84	1.14	-79.70	2.71	
11:31	4.8		6.83	558.60	15.80	1.06	-75.40	2.19	
11:34	5.5		6.82	554.90	15.91	1.02	-72.60	1.57	
11:37	6.3		6.82	552.10	15.87	0.96	-72.10	1.35	
11:40	7.0		6.82	548.80	15.97	0.91	-73.20	1.28	

Sampling Activities

Sampled By: TC — Sample Date/Time: 10/15/2024 11:40
Sample Method: Low Flow — Sample Equipment: Peristaltic Pump
Sample Parameters: 6.82 pH — 548.80 Spec. Cond. — 15.97 Temp
Field Filtered: No — Filter Type:
Water Level: 12.00 feet below TOC — Drawdown: 0.34 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 46868

Form Completed By: Tracy Carroll — **Date:** 10/15/2024

Field Data Sheet

Project Name:	BAL-24Q4	**Monitoring Point:**	OW-257
Project Location:	Baldwin, Illinois	**Sample ID:**	039
W.O. Number (s):	24100001	**Date (s):**	10/14/2024

Field Team Members

Name: Justin Colp — Affiliation: TekLab, Inc.
Name: Danny Crump — Affiliation: TekLab, Inc.

Weather Conditions

Temp: 58 °F — Wind Direction: ☐ N ☑ S ☐ W ☐ E ☐ SE ☐ SW ☐ NE ☐ NW

Precipitation: ☑ None ☐ Light ☐ Heavy — Sky: ☐ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

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

Locks	Yes	No
Protective Casing	X	
Well		X

Groundwater Level Measurements

Date/Time Measured: 10/14/2024 12:09

Static Water Level: 7.09 feet below TOC
Total Depth: 41.90 feet below TOC
Water Column: 34.81 feet

Purging Activities

Purged By: JC — Purge Date: 10/14/2024
Purge Method: Peristaltic Pump — Well Diameter: 2"
Purge Volume Calculation (L): 34.81 ft. x 0.022 = 0.77 L x 3 Vol. = 2.31 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 9.00 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
12:20	0.0	196	purge start time						
12:30	2.0	↓	6.83	1,984.30	18.86	3.08	-92.80	117.36	
12:33	2.5		6.86	1,948.80	18.97	2.86	-89.40	49.47	
12:36	3.1		6.87	1,922.60	18.96	2.72	-87.40	50.71	
12:39	3.7		6.85	1,918.20	18.94	3.22	-83.10	8.07	
12:42	4.3		7.00	1,966.80	18.45	4.06	-92.70	5.00	
12:45	4.9		6.79	1,966.70	17.39	3.20	-89.00	4.07	
12:48	5.5		6.75	1,955.80	17.00	2.68	-86.30	2.68	
12:51	6.1		6.75	1,957.40	17.33	2.30	-87.30	3.09	
12:54	6.7		6.76	1,960.00	17.62	2.04	-89.90	2.50	
12:57	7.2		6.75	1,965.60	17.81	1.89	-90.10	3.85	
13:00	7.8		6.73	1,966.50	17.81	1.67	-89.40	2.15	
13:03	8.4		6.73	1,974.10	17.74	1.49	-89.40	1.96	
13:06	9.0		6.71	1,962.70	17.17	1.25	-88.80	3.41	

Sampling Activities

Sampled By: JC — Sample Date/Time: 10/14/2024 13:06
Sample Method: Low Flow — Sample Equipment: Peristaltic Pump
Sample Parameters: 6.71 pH — 1,962.70 Spec. Cond. — 17.17 Temp
Field Filtered: No — Filter Type:
Water Level: 21.60 feet below TOC — Drawdown: 14.51 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 43918

Form Completed By: _____ **Date:** 10/14/2024

Field Data Sheet

Project Name:	BAL-24Q4	**Monitoring Point:**	PZ-170
Project Location:	Baldwin, Illinois	**Sample ID:**	040
W.O. Number (s):	24100001	**Date (s):**	10/14/2024

Field Team Members

Name: Justin Colp — Affiliation: TekLab, Inc.
Name: Danny Crump — Affiliation: TekLab, Inc.

Weather Conditions

Temp: 57 °F — Wind Direction: ☐ N ☑ S ☐ W ☐ E ☐ SE ☐ SW ☐ NE ☐ NW

Precipitation: ☑ None ☐ Light ☐ Heavy — Sky: ☐ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

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

Locks	Yes	No
Protective Casing	X	
Well		X

Groundwater Level Measurements

Date/Time Measured: 10/14/2024 11:28

Static Water Level: 16.15 feet below TOC
Total Depth: 34.00 feet below TOC
Water Column: 17.85 feet

Purging Activities

Purged By: JC — Purge Date: 10/14/2024
Purge Method: Peristaltic Pump — Well Diameter: 2"
Purge Volume Calculation (L): 17.85 ft. x 0.022 = 0.39 L x 3 Vol. = 1.17 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 2.50 L
Physical appearance of purge water: Clear — Odor: Moderate — Color: none

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
11:29	0.0	167	purge start time						
11:32	0.5	↓	6.49	3,338.50	16.48	1.44	-207.60	1.63	
11:35	1.0		6.52	3,345.00	16.81	0.92	-239.50	0.30	
11:38	1.5		6.53	3,144.10	17.08	0.73	-232.80	-0.75	
11:41	2.0		6.51	3,006.10	17.09	0.67	-223.20	-0.79	
11:44	2.5		6.49	2,916.20	17.00	0.59	-218.30	-1.14	

Sampling Activities

Sampled By: JC — Sample Date/Time: 10/14/2024 11:44
Sample Method: Low Flow — Sample Equipment: Peristaltic Pump
Sample Parameters: 6.49 pH — 2,916.20 Spec. Cond. — 17.00 Temp
Field Filtered: No — Filter Type:
Water Level: 18.15 feet below TOC — Drawdown: 2.00 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 43918

Form Completed By: Justin Colp — **Date:** 10/14/2024

Field Data Sheet

Project Name:	BAL-24Q4	**Monitoring Point:**	PZ-174
Project Location:	Baldwin, Illinois	**Sample ID:**	041
W.O. Number (s):	24100001	**Date (s):**	10/15/2024

Field Team Members

Name: Tracy Carroll — Affiliation: TekLab, Inc.
Name: — Affiliation:

Weather Conditions

Temp: 52 °F — Wind Direction: ☐ N ☑ S ☐ W ☐ E ☐ SE ☐ SW ☐ NE ☐ NW

Precipitation: ☑ None ☐ Light ☐ Heavy — Sky: ☐ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

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

Locks	Yes	No
Protective Casing	X	
Well		X

Groundwater Level Measurements

Date/Time Measured: 10/15/2024 12:08

Static Water Level: 13.29 feet below TOC
Total Depth: 27.84 feet below TOC
Water Column: 14.55 feet

Purging Activities

Purged By: TC — Purge Date: 10/15/2024
Purge Method: Peristaltic Pump — Well Diameter: 2"
Purge Volume Calculation (L): 14.55 ft. x 0.022 = 0.32 L x 3 Vol. = 0.96 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 7.00 L
Physical appearance of purge water: Clear — Odor: None — Color: None

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
12:08	0.0	219	purge start time						
12:16	1.7	↓	6.93	1,090.60	16.27	2.56	56.70	12.66	
12:19	2.4		6.94	1,086.80	16.31	2.33	60.20	13.78	
12:22	3.1		6.94	1,076.80	16.41	2.13	61.60	16.55	
12:25	3.7		6.95	1,071.50	16.49	1.92	61.70	17.68	
12:28	4.4		6.97	1,058.00	16.40	1.69	60.10	15.12	
12:31	5.0		6.98	1,040.20	16.50	1.41	57.40	10.33	
12:34	5.7		6.99	1,030.60	16.58	1.22	55.10	7.36	
12:37	6.3		6.99	1,026.70	16.61	1.10	53.30	5.95	
12:40	7.0		6.99	1,024.30	16.64	1.02	51.70	5.19	

Sampling Activities

Sampled By: TC — Sample Date/Time: 10/15/2024 12:40
Sample Method: Low Flow — Sample Equipment: Peristaltic Pump
Sample Parameters: 6.99 pH — 1,024.30 Spec. Cond. — 16.64 Temp
Field Filtered: Yes — Filter Type: In-Line Disposable
Water Level: 13.85 feet below TOC — Drawdown: 0.56 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 46868

Form Completed By: Tracy Carroll — **Date:** 10/15/2024

Field Data Sheet

Project Name:	BAL-24Q4	**Monitoring Point:**	PZ-176
Project Location:	Baldwin, Illinois	**Sample ID:**	042
W.O. Number (s):	24100001	**Date (s):**	10/15/2024

Field Team Members

Name: Tracy Carroll — Affiliation: TekLab, Inc.
Name: — Affiliation:

Weather Conditions

Temp: 53 °F — Wind Direction: ☐ N ☑ S ☐ W ☐ E ☐ SE ☐ SW ☐ NE ☐ NW

Precipitation: ☑ None ☐ Light ☐ Heavy — Sky: ☐ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

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

Locks	Yes	No
Protective Casing	X	
Well		X

Groundwater Level Measurements

Date/Time Measured: 10/15/2024 13:03

Static Water Level: 13.33 feet below TOC
Total Depth: 31.43 feet below TOC
Water Column: 18.10 feet

Purging Activities

Purged By: TC — Purge Date: 10/15/2024
Purge Method: Peristaltic Pump — Well Diameter: 2"
Purge Volume Calculation (L): 18.1 ft. x 0.022 = 0.4 L x 3 Vol. = 1.2 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 5.00 L
Physical appearance of purge water: Clear — Odor: None — Color: None

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
13:04	0.0	167	purge start time						
13:13	1.5	↓	6.83	546.40	15.58	1.89	-217.90	4.09	
13:16	2.0		6.82	544.90	15.40	1.73	-196.00	3.84	
13:19	2.5		6.81	544.30	15.36	1.64	-180.60	3.20	
13:22	3.0		6.81	545.00	15.47	1.62	-168.10	2.82	
13:25	3.5		6.79	551.40	15.28	1.50	-152.00	2.08	
13:28	4.0		6.78	558.00	15.14	1.38	-140.90	1.43	
13:31	4.5		6.78	559.30	15.09	1.28	-134.20	1.71	
13:34	5.0		6.78	558.80	15.23	1.20	-125.30	1.43	

Sampling Activities

Sampled By: TC — Sample Date/Time: 10/15/2024 13:34
Sample Method: Low Flow — Sample Equipment: Peristaltic Pump
Sample Parameters: 6.78 pH — 558.80 Spec. Cond. — 15.23 Temp
Field Filtered: Yes — Filter Type: In-Line Disposable
Water Level: 14.13 feet below TOC — Drawdown: 0.80 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 46868

Form Completed By: Tracy Carroll — **Date:** 10/15/2024

Field Data Sheet

Project Name:	BAL-24Q4	**Monitoring Point:**	PZ-178
Project Location:	Baldwin, Illinois	**Sample ID:**	043
W.O. Number (s):	24100001	**Date (s):**	10/15/2024

Field Team Members

Name: Tracy Carroll — Affiliation: TekLab, Inc.
Name: — Affiliation:

Weather Conditions

Temp: 53 °F — Wind Direction: ☐ N ☑ S ☐ W ☐ E ☐ SE ☐ SW ☐ NE ☐ NW

Precipitation: ☑ None ☐ Light ☐ Heavy — Sky: ☐ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

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

Locks	Yes	No
Protective Casing	X	
Well		X

Groundwater Level Measurements

Date/Time Measured: 10/15/2024 13:59

Static Water Level: 9.78 feet below TOC
Total Depth: 45.71 feet below TOC
Water Column: 35.93 feet

Purging Activities

Purged By: TC — Purge Date: 10/15/2024
Purge Method: Peristaltic Pump — Well Diameter: 2"
Purge Volume Calculation (L): 35.93 ft. x 0.022 = 0.79 L x 3 Vol. = 2.37 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 5.00 L
Physical appearance of purge water: Clear — Odor: None — Color: None

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
14:00	0.0	161	purge start time						
14:19	3.1	↓	6.79	584.90	16.06	1.18	-66.10	162.55	
14:22	3.5		6.79	583.40	15.79	1.11	-62.70	178.17	
14:25	4.0		6.79	583.10	15.64	0.99	-58.50	80.95	
14:28	4.5		6.80	580.20	16.12	0.96	-56.50	91.89	
14:31	5.0		6.80	583.10	16.19	0.93	-54.50	97.76	

Sampling Activities

Sampled By: TC — Sample Date/Time: 10/15/2024 14:31
Sample Method: Low Flow — Sample Equipment: Peristaltic Pump
Sample Parameters: 6.80 pH — 583.10 Spec. Cond. — 16.19 Temp
Field Filtered: Yes — Filter Type: In-Line Disposable
Water Level: 16.21 feet below TOC — Drawdown: 6.43 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 46868

Form Completed By: Tracy Carroll — **Date:** 10/15/2024

Field Data Sheet

Project Name:	BAL-24Q4	**Monitoring Point:**	PZ-182
Project Location:	Baldwin, Illinois	**Sample ID:**	044
W.O. Number (s):	24100001	**Date (s):**	10/15/2024

Field Team Members

Name: Tracy Carroll — Affiliation: TekLab, Inc.
Name: — Affiliation:

Weather Conditions

Temp: 49 °F — Wind Direction: ☐ N ☑ S ☐ W ☐ E ☐ SE ☐ SW ☐ NE ☐ NW

Precipitation: ☑ None ☐ Light ☐ Heavy — Sky: ☐ Clear ☐ Partly Cloudy ☑ Cloudy

Well Observations

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

Locks	Yes	No
Protective Casing	X	
Well		X

Groundwater Level Measurements

Date/Time Measured: 10/15/2024 10:08

Static Water Level: 18.81 feet below TOC
Total Depth: 37.10 feet below TOC
Water Column: 18.29 feet

Purging Activities

Purged By: TC — Purge Date: 10/15/2024
Purge Method: Peristaltic Pump — Well Diameter: 2"
Purge Volume Calculation (L): 18.29 ft. x 0.022 = 0.4 L x 3 Vol. = 1.2 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 7.00 L
Physical appearance of purge water: Clear — Odor: Slight — Color: None

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
10:09	0.0	241	purge start time						
10:26	4.1	↓	6.67	931.00	15.23	1.15	-169.80	9.07	
10:29	4.8		6.67	921.90	15.33	1.07	-167.10	4.02	
10:32	5.6		6.68	915.20	15.30	0.97	-167.10	2.47	
10:35	6.3		6.68	906.10	15.29	0.91	-166.90	1.54	
10:38	7.0		6.68	898.40	15.36	0.87	-165.30	0.88	

Sampling Activities

Sampled By: TC — Sample Date/Time: 10/15/2024 10:38
Sample Method: Low Flow — Sample Equipment: Peristaltic Pump
Sample Parameters: 6.68 pH — 898.40 Spec. Cond. — 15.36 Temp
Field Filtered: No — Filter Type:
Water Level: 18.95 feet below TOC — Drawdown: 0.14 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 46868

Form Completed By: Tracy Carroll — **Date:** 10/15/2024

Field Data Sheet

Project Name:	BAL-24Q4	**Monitoring Point:**	TPZ-164
Project Location:	Baldwin, Illinois	**Sample ID:**	045
W.O. Number (s):	24100001	**Date (s):**	10/17/2024

Field Team Members

Name: Brett Gillihan — Affiliation: TekLab, Inc.
Name: Danny Crump — Affiliation: TekLab, Inc.

Weather Conditions

Temp: 59 °F — Wind Direction: ☑ N ☐ S ☐ W ☐ E ☐ SE ☐ SW ☐ NE ☐ NW

Precipitation: ☑ None ☐ Light ☐ Heavy — Sky: ☑ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

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

Locks	Yes	No
Protective Casing	X	
Well		X

Groundwater Level Measurements

Date/Time Measured: 10/17/2024 11:47

Static Water Level: 4.35 feet below TOC
Total Depth: 12.90 feet below TOC
Water Column: 8.55 feet

Purging Activities

Purged By: BG — Purge Date: 10/17/2024
Purge Method: Peristaltic Pump — Well Diameter: 2"
Purge Volume Calculation (L): 8.55 ft. x 0.022 = 0.19 L x 3 Vol. = 0.57 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 2.00 L
Physical appearance of purge water: Clear — Odor: None — Color: Clear

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
11:47	0.0	67	purge start time						
12:05	1.2	↓	7.37	763.50	18.66	3.53	-85.80	79.57	
12:08	1.4		7.36	766.80	18.78	2.90	-89.70	117.28	
12:11	1.6		7.36	767.20	18.84	2.30	-90.40	247.83	
12:14	1.8		7.36	766.80	18.78	2.10	-91.50	3.38	
12:17	2.0		7.36	765.60	18.89	1.97	-91.90	3.13	

Sampling Activities

Sampled By: BG — Sample Date/Time: 10/17/2024 12:17
Sample Method: Low Flow — Sample Equipment: Peristaltic Pump
Sample Parameters: 7.36 pH — 765.60 Spec. Cond. — 18.89 Temp
Field Filtered: No — Filter Type:
Water Level: 4.89 feet below TOC — Drawdown: 0.54 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 223357

Form Completed By: Brett Gillihan — **Date:** 10/17/2024

Field Data Sheet

Project Name:	BAL-24Q4	**Monitoring Point:**	XPW01
Project Location:	Baldwin, Illinois	**Sample ID:**	046
W.O. Number (s):	24100001	**Date (s):**	10/17/2024

Field Team Members

Name: Brett Gillihan — Affiliation: TekLab, Inc.
Name: Danny Crump — Affiliation: TekLab, Inc.

Weather Conditions

Temp: 52 °F — Wind Direction: ☑ N ☐ S ☐ W ☐ E ☐ SE ☐ SW ☐ NE ☐ NW

Precipitation: ☑ None ☐ Light ☐ Heavy — Sky: ☑ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

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

Locks	Yes	No
Protective Casing	X	
Well		X

Groundwater Level Measurements

Date/Time Measured: 10/17/2024 10:26

Static Water Level: 10.78 feet below TOC
Total Depth: 14.53 feet below TOC
Water Column: 3.75 feet

Purging Activities

Purged By: BG — Purge Date: 10/17/2024
Purge Method: Bladder Pump — Well Diameter: 2"
Purge Volume Calculation (L): 3.754 ft. x 0.022 = 0.08 L x 3 Vol. = 0.24 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 2.50 L
Physical appearance of purge water: Clear — Odor: None — Color: Clear

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
10:26	0.0	89	purge start time						
10:36	0.9	↓	7.03	555.40	19.07	1.48	-22.00	53.81	
10:39	1.2		7.02	555.00	19.14	0.93	-27.40	33.67	
10:42	1.5		7.03	554.50	19.22	0.70	-30.60	20.04	
10:45	1.7		7.02	554.40	19.33	0.62	-32.70	14.62	
10:48	2.0		7.02	554.40	19.38	0.56	-34.60	12.35	
10:51	2.3		7.02	554.10	19.38	0.52	-36.20	9.48	
10:54	2.5		7.02	554.80	19.43	0.49	-37.40	7.28	

Sampling Activities

Sampled By: BG — Sample Date/Time: 10/17/2024 10:54
Sample Method: Low Flow — Sample Equipment: Bladder Pump
Sample Parameters: 7.02 pH — 554.80 Spec. Cond. — 19.43 Temp
Field Filtered: No — Filter Type:
Water Level: 11.03 feet below TOC — Drawdown: 0.25 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 223357

Form Completed By: Brett Gillihan — **Date:** 10/17/2024

Field Data Sheet

Project Name:	BAL-24Q4	**Monitoring Point:**	XPW05
Project Location:	Baldwin, Illinois	**Sample ID:**	047
W.O. Number (s):	24100001	**Date (s):**	10/17/2024

Field Team Members

Name: Brett Gillihan — Affiliation: TekLab, Inc.
Name: Danny Crump — Affiliation: TekLab, Inc.

Weather Conditions

Temp: 56 °F — Wind Direction: ☑ N ☐ S ☐ W ☐ E ☐ SE ☐ SW ☐ NE ☐ NW

Precipitation: ☑ None ☐ Light ☐ Heavy — Sky: ☑ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

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

Locks	Yes	No
Protective Casing	X	
Well		X

Groundwater Level Measurements

Date/Time Measured: 10/17/2024 11:05

Static Water Level: 4.94 feet below TOC
Total Depth: 31.15 feet below TOC
Water Column: 26.21 feet

Purging Activities

Purged By: BG — Purge Date: 10/17/2024
Purge Method: Bladder Pump — Well Diameter: 2"
Purge Volume Calculation (L): 26.206 ft. x 0.022 = 0.58 L x 3 Vol. = 1.74 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 2.50 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
11:05	0.0	96	purge start time						
11:19	1.4	↓	7.55	709.60	18.41	0.43	-112.80	25.55	
11:22	1.7		7.62	704.40	18.42	0.35	-121.60	17.36	
11:25	2.0		7.65	701.50	18.45	0.31	-126.90	12.81	
11:28	2.3		7.67	699.90	18.51	0.29	-128.90	10.54	
11:31	2.5		7.67	699.40	18.52	0.27	-130.90	9.05	

Sampling Activities

Sampled By: BG — Sample Date/Time: 10/17/2024 11:31
Sample Method: Low Flow — Sample Equipment: Bladder Pump
Sample Parameters: 7.67 pH — 699.40 Spec. Cond. — 18.52 Temp
Field Filtered: No — Filter Type:
Water Level: 5.24 feet below TOC — Drawdown: 0.30 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 223357

Form Completed By: Brett Gillihan — **Date:** 10/17/2024

Field Data Sheet

Project Name:	BAL-24Q4	**Monitoring Point:**	XPW06
Project Location:	Baldwin, Illinois	**Sample ID:**	048
W.O. Number (s):	24100001	**Date (s):**	10/17/2024

Field Team Members

Name: Brett Gillihan Affiliation: TekLab, Inc.
Name: Danny Crump Affiliation: TekLab, Inc.

Weather Conditions

Temp: 45 °F Wind Direction: ☑ N ☐ S ☐ W ☐ E ☐ SE ☐ SW ☐ NE ☐ NW

Precipitation: ☑ None ☐ Light ☐ Heavy Sky: ☑ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

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

Locks	Yes	No
Protective Casing	X	
Well		X

Groundwater Level Measurements

Date/Time Measured: 10/17/2024 10:01

Static Water Level: 2.54 feet below TOC
Total Depth: 9.66 feet below TOC
Water Column: 7.12 feet

Purging Activities

Purged By: BG Purge Date: 10/17/2024
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 7.115 ft. x 0.022 = 0.16 L x 3 Vol. = 0.48 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
10:01	0.0	118	purge start time						
10:09	0.9	↓	7.16	931.50	17.38	3.20	-61.10	8.00	
10:12	1.3		7.24	889.90	18.02	1.53	-84.00	8.52	
10:15	1.6		7.31	849.70	18.55	0.89	-99.10	5.65	
10:18	2.0		7.36	819.90	18.66	0.60	-104.80	4.77	

Sampling Activities

Sampled By: BG Sample Date/Time: 10/17/2024 10:18
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 7.36 pH 819.90 Spec. Cond. 18.66 Temp
Field Filtered: No Filter Type:
Water Level: 2.59 feet below TOC Drawdown: 0.05 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 223357

Form Completed By: Brett Gillihan **Date:** 10/17/2024

Field Data Sheet

Project Name:	BAL-24Q4	**Monitoring Point:**	Field Blank
Project Location:	Baldwin, Illinois	**Sample ID:**	049
W.O. Number (s):	24100001	**Date (s):**	10/17/2024

Field Team Members

Name: Justin Colp — Affiliation: TekLab, Inc.
Name: — Affiliation:

Weather Conditions

Temp: 52 °F — Wind Direction: ☑ N ☐ S ☐ W ☐ E ☐ SE ☐ SW ☐ NE ☐ NW

Precipitation: ☑ None ☐ Light ☐ Heavy — Sky: ☑ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad
Casing
Protective Casing
Reference Mark/Identification

Locks	Yes	No
Protective Casing	X	
Well		X

Groundwater Level Measurements

Date/Time Measured:
Static Water Level: feet below TOC
Total Depth: - feet below TOC
Water Column: feet

Purging Activities

Purged By: — Purge Date:
Purge Method: Direct Grab — Well Diameter:
Purge Volume Calculation (L): **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): L
Physical appearance of purge water: — Odor: — Color:

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

Sampling Activities

Sampled By: TC — Sample Date/Time: 10/17/2024 13:08
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: 46868

Form Completed By: Justin Colp — **Date:** 10/17/2024

Field Data Sheet

Project Name:	BAL-24Q4	**Monitoring Point:**	MW-304 Duplicate
Project Location:	Baldwin, Illinois	**Sample ID:**	050
W.O. Number (s):	24100001	**Date (s):**	10/16/2024

Field Team Members

Name: Justin Colp — Affiliation: TekLab, Inc.
Name: Danny Crump — Affiliation: TekLab, Inc.

Weather Conditions

Temp: 40 °F — Wind Direction: ☐ N ☑ S ☐ W ☐ E ☐ SE ☐ 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: 10/16/2024 8:58
Static Water Level: 9.54 feet below TOC
Total Depth: 57.50 feet below TOC
Water Column: 47.96 feet

Purging Activities

Purged By: JC — Purge Date: 10/16/2024
Purge Method: Bladder Pump — Well Diameter: 2"
Purge Volume Calculation (L): 47.96 ft. x 0.022 = 1.06 L x 3 Vol. = 3.18 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 6.00 L
Physical appearance of purge water: Clear — Odor: None — Color: none

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
9:05	0.0	214	purge start time						
9:12	1.5	↓	7.65	2,611.60	15.46	2.75	-66.00	1.62	
9:15	2.1		7.66	2,605.30	15.34	2.04	-57.70	1.71	
9:18	2.8		7.66	2,597.00	15.32	1.72	-51.90	2.00	
9:21	3.4		7.65	2,588.70	15.35	1.52	-47.50	2.01	
9:24	4.1		7.64	2,579.10	15.30	1.39	-43.50	2.48	
9:27	4.7		7.60	2,567.20	15.28	1.27	-39.50	3.91	
9:30	5.4		7.56	2,553.70	15.29	1.26	-35.50	5.23	
9:33	6.0		7.54	2,541.30	15.29	1.24	-32.10	6.32	

Sampling Activities

Sampled By: JC — Sample Date/Time: 10/16/2024 9:33
Sample Method: Low Flow — Sample Equipment: Bladder Pump
Sample Parameters: 7.54 pH — 2,541.30 Spec. Cond. — 15.29 Temp
Field Filtered: Yes — Filter Type: In-Line Disposable
Water Level: 16.00 feet below TOC — Drawdown: 6.46 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 43918

Form Completed By: Justin Colp — **Date:** 10/16/2024

Field Data Sheet

Project Name:	BAL-24Q4	**Monitoring Point:**	PZ-178 Duplicate
Project Location:	Baldwin, Illinois	**Sample ID:**	051
W.O. Number (s):	24100001	**Date (s):**	10/15/2024

Field Team Members

Name: Tracy Carroll — Affiliation: TekLab, Inc.
Name: — Affiliation:

Weather Conditions

Temp: 53 °F — Wind Direction: ☐ N ☑ S ☐ W ☐ E ☐ SE ☐ SW ☐ NE ☐ NW

Precipitation: ☑ None ☐ Light ☐ Heavy — Sky: ☐ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

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

Locks	Yes	No
Protective Casing	X	
Well		X

Groundwater Level Measurements

Date/Time Measured: 10/15/2024 13:59

Static Water Level: 9.78 feet below TOC
Total Depth: 45.71 feet below TOC
Water Column: 35.93 feet

Purging Activities

Purged By: TC — Purge Date: 10/15/2024
Purge Method: Peristaltic Pump — Well Diameter: 2"
Purge Volume Calculation (L): 35.93 ft. x 0.022 = 0.79 L x 3 Vol. = 2.37 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 5.00 L
Physical appearance of purge water: Clear — Odor: None — Color: None

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
14:00	0.0	161	purge start time						
14:19	3.1	↓	6.79	584.90	16.06	1.18	-66.10	162.55	
14:22	3.5		6.79	583.40	15.79	1.11	-62.70	178.17	
14:25	4.0		6.79	583.10	15.64	0.99	-58.50	80.95	
14:28	4.5		6.80	580.20	16.12	0.96	-56.50	91.89	
14:31	5.0		6.80	583.10	16.19	0.93	-54.50	97.76	

Sampling Activities

Sampled By: TC — Sample Date/Time: 10/15/2024 14:31
Sample Method: Low Flow — Sample Equipment: Peristaltic Pump
Sample Parameters: 6.80 pH — 583.10 Spec. Cond. — 16.19 Temp
Field Filtered: Yes — Filter Type: In-Line Disposable
Water Level: 16.21 feet below TOC — Drawdown: 6.43 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 46868

Form Completed By: Tracy Carroll — **Date:** 10/15/2024

Field Data Sheet

Project Name:	BAL-24Q4	**Monitoring Point:**	Equipment Blank 1
Project Location:	Baldwin, Illinois	**Sample ID:**	052
W.O. Number (s):	24100001	**Date (s):**	10/17/2024

Field Team Members

Name: _____ Affiliation: TekLab, Inc.

Name: _____ Affiliation: _____

Weather Conditions

Temp: 53 °F Wind Direction: ☐ N ☑ S ☐ W ☐ E ☐ SE ☐ SW ☐ NE ☐ NW

Precipitation: ☑ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad _____
Casing _____
Protective Casing _____
Reference Mark/Identification _____

Locks	Yes	No
Protective Casing	X	
Well		X

Groundwater Level Measurements

Date/Time Measured: _____

Static Water Level: _____ feet below TOC
Total Depth: - feet below TOC
Water Column: _____ feet

Purging Activities

Purged By: _____ Purge Date: _____
Purge Method: Direct Grab Well Diameter: _____
Purge Volume Calculation (L): _____ **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): L
Physical appearance of purge water: _____ Odor: _____ Color: _____

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

Sampling Activities

Sampled By: JC Sample Date/Time: 10/17/2024 13:31
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: 43918
- Collected from non-dedicated submersible pump

Form Completed By: _____ **Date:** 10/17/2024

Site Samping Event: BAL-24Q4
LIMS Workorder: 24100001
Technician(s): DC, JC, TC, BG

Field Calibration Log(s)
Baldwin- 4Q 2024

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 43918 Technician(s): justin colp Date: 10/14/2024

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	wc240612a	4.00	10/14/24 8:51
7.0 Buffer	wc240913b	7.00	10/14/24 8:46
10.0 Buffer	wc240625b	10.00	10/14/24 8:55
LCS/CCV (7.0 Buffer)	wc240913c		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	100029	1412	10/14/24 9:00

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	0.31	10/14/24 9:00
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	10/14/24 9:02	15.4	6.98	1,410	0.33		
CCV-1-JC	CCV	10/14/24 14:25	21.6	7.04	1,424	0.37		

Comments:

Field Meter ID: Pine 43918 Technician(s): justin colp Date: 10/15/2024

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	wc240612a	4.00	10/15/24 8:47
7.0 Buffer	wc240913b	7.00	10/15/24 8:41
10.0 Buffer	wc240625b	10.00	10/15/24 8:51
LCS/CCV (7.0 Buffer)	wc240913c		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	100029	1412	10/15/24 8:55

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	0.41	10/15/24 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-2-JC	LCS	10/15/24 8:59	15.1	7.01	1,408	0.42		
CCV-2-JC	CCV	10/15/24 15:31	18.5	7.02	1,420	0.34		

Comments:

Site Samping Event: BAL-24Q4
LIMS Workorder: 24100001
Technician(s): DC, JC, TC, BG

Field Calibration Log(s)
Baldwin- 4Q 2024

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 43918 Technician(s): justin colp Date: 10/16/2024

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	wc240612a	4.00	10/16/24 8:40
7.0 Buffer	wc240913b	7.00	10/16/24 8:35
10.0 Buffer	wc240625b	10.00	10/16/24 8:44
LCS/CCV (7.0 Buffer)	wc240913c		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	100029	1412	10/16/24 8:51

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	0.41	10/16/24 8:52
124 NTU	95834		

ORP Standard	LIMS ID/Lot#	Reading	Date/Time

D.O. Saturation	LIMS ID/Lot#	Reading	Date/Time
100%	N/A		

Sample ID	Sample Type	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	ORP mV	D.O. %
LCS-3-JC	LCS	10/16/24 8:58	7.3	7.03	1,414	0.45		
CCV-3-JC	CCV	10/16/24 15:05	16.3	7.03	1,425	0.47		

Comments:

Site Samping Event: BAL-24Q4
LIMS Workorder: 24100001
Technician(s): DC, JC, TC, BG

Field Calibration Log(s)
Baldwin- 4Q 2024

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 223357 Technician(s): Brett Gillihan Date: 10/17/2024

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	WC240612A	3.99	10/17/24 9:00
7.0 Buffer	WC240913B	7.00	10/17/24 8:58
10.0 Buffer	WC240625B	9.99	10/17/24 9:03
LCS/CCV (7.0 Buffer)	WC240913C		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	100029	1418	10/17/24 9:07

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	1.8	10/17/24 9:10
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	10/17/24 9:10	18.8	7.00	1,418	1.8		
CCV-1-BG	CCV	10/17/24 13:04	22.5	6.99	1,418	1.8		

Comments:

Site Samping Event: BAL-24Q4
LIMS Workorder: 24100001
Technician(s): DC, JC, TC, BG

Field Calibration Log(s)
Baldwin- 4Q 2024

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): Tracy Carroll Date: 10/15/2024

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	WC240612A	4.00	10/15/24 9:40
7.0 Buffer	WC240913B	7.00	10/15/24 9:34
10.0 Buffer	WC240625B	10.00	10/15/24 9:45
LCS/CCV (7.0 Buffer)	WC240913C		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	100029	1412	10/15/24 9:56

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1		
124 NTU	95834		

ORP Standard	LIMS ID/Lot#	Reading	Date/Time

D.O. Saturation	LIMS ID/Lot#	Reading	Date/Time
100%	N/A		

Sample ID	Sample Type	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	ORP mV	D.O. %
LCS-1-TC	LCS	10/15/24 9:46	14.2	7.00	1,410	1.26		
CCV-1-TC	CCV	10/15/24 14:53	17.5	7.00	1,418	0.88		

Comments:

Field Meter ID: Pine 46868 Technician(s): Tracy Carroll Date: 10/16/2024

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	WC240612A	4.00	10/16/24 9:16
7.0 Buffer	WC240913B	7.00	10/16/24 9:10
10.0 Buffer	WC240625B	10.00	10/16/24 9:20
LCS/CCV (7.0 Buffer)	WC240913C		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	100029	1412	10/16/24 9:20

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1		
124 NTU	95834		

ORP Standard	LIMS ID/Lot#	Reading	Date/Time

D.O. Saturation	LIMS ID/Lot#	Reading	Date/Time
100%	N/A		

Sample ID	Sample Type	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	ORP mV	D.O. %
LCS-2-TC	LCS	10/16/24 9:20	9.2	7.08	1,418	0.88		
CCV-2-TC	CCV	10/16/24 15:04	19.7	7.09	1,422	0.99		

Comments:

Site Samping Event: BAL-24Q4
LIMS Workorder: 24100001
Technician(s): DC, JC, TC, BG

Field Calibration Log(s)
Baldwin- 4Q 2024

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): Tracy Carroll Date: 10/17/2024

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	WC240612A	4.00	10/17/24 9:08
7.0 Buffer	WC240913B	7.00	10/17/24 9:06
10.0 Buffer	WC240625B	10.00	10/17/24 9:09
LCS/CCV (7.0 Buffer)	WC240913C		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	100029	1412	10/17/24 9:14

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	10/17/24 9:16	9.3	7.06	1,413	1.02		
CCV-3-TC	CCV	10/17/24 15:04	15.6	7.08	1,444	0.99		

Comments:

Site Samping Event: BAL-24Q4
LIMS Workorder: 24100001
Technician(s): DC, JC, TC, BG

Field Calibration Log(s)
Baldwin- 4Q 2024

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 210760 Technician(s): Brett Gillihan Date: 11/1/2024

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	WC240612A	3.99	11/1/24 9:41
7.0 Buffer	WC240913B	7.00	11/1/24 9:40
10.0 Buffer	WC240625B	10.01	11/1/24 9:41
LCS/CCV (7.0 Buffer)	WC240913C		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	100029	1418	11/1/24 9:41

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	1.6	11/1/24 9:41
124 NTU	95834		

ORP Standard	LIMS ID/Lot#	Reading	Date/Time

D.O. Saturation	LIMS ID/Lot#	Reading	Date/Time
100%	N/A		

Sample ID	Sample Type	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	ORP mV	D.O. %
LCS-1-BG-2	LCS	11/1/24 9:42	18.5	7.00	1,418	1.6		
CCV-1-BG-2	CCV	11/1/24 12:15	20	7.01	1,418	1.6		

Comments:

INSTRUMENT CALIBRATION REPORT

Pine Environmental Services LLC
797 Cromwell Park Dr.
Suite Q
Glen Burnie, MD 21061

Pine Environmental Services, Inc.

Instrument ID 43918
Description YSI Pro DSS
Calibrated 9/30/2024 12:11:47PM

Group # 5
Group Name Disolved Oxygen Span
Stated Accy Pct of Reading
Range Acc % 0.0000
Reading Acc % 3.0000
Plus/Minus 0.0

Nom In Val / In Val	In Type	Out Val	Out Type	Fnd As	Lft As	Dev%	Pass/Fail
100.0 / 100.0	%	100.0	%	96.6	100.0	0.00%	Pass

Test Instruments Used During the Calibration (As Of Cal Entry Date)

Test Standard ID	Description	Manufacturer	Model Number	Serial Number / Lot Number	Last Cal Date/ Opened Date	Next Cal Date / Expiration Date
MD COND 1.413 3GH1514	CA 1.413 COND (LOT# 4GB0749	GFS	31986	1.413 COND (LOT# 4GB0749		2/5/2025
MD ORP 240 4GE1370	MD ORP 240 4GE1370	AquaPhoenix Scientific	32001	4GE1370	6/24/2024	2/28/2025
MD PH10 2GI302	MD PH10 2GI302	AquaPhoenix Scientific	32034	2GI302		9/30/2024
MD PH4 3GI0465	MD PH4 3GI0465	AquaPhoenix Scientific	32017	3GI0465		9/30/2025
MD PH7 2GI0389	MD PH7 2GI0389	AquaPhoenix Scientific	32025	3GI0389	12/20/2024	9/30/2025
MD TURB 0 NTU 24007124	MD TURB 0 NTU 24007124	AMCOCLEAR	8483	24007124	2/1/2024	12/31/2024

Notes about this calibration

Calibration Result Calibration Successful
Who Calibrated Chuck Wallace

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
797 Cromwell Park Dr.
Suite Q
Glen Burnie, MD 21061

Pine Environmental Services, Inc.

Instrument ID 43918
Description YSI Pro DSS
Calibrated 9/30/2024 12:11:47PM

Manufacturer YSI
Model Number Pro DSS
Serial Number/ Lot Number 18K101874
Location Maryland
Department

State Certified
Status Pass
Temp °C 23
Humidity % 69

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	6.90	7.00	0.00%	Pass
4.00 / 4.00	PH	4.00	PH	3.94	4.00	0.00%	Pass
10.00 / 10.00	PH	10.00	PH	10.03	10.00	0.00%	Pass

Group # 2
Group Name Turbidity
Stated Accy Pct of Reading
Range Acc % 0.0000
Reading Acc % 3.0000
Plus/Minus 0.00

Nom In Val / In Val	In Type	Out Val	Out Type	Fnd As	Lft As	Dev%	Pass/Fail
0.00 / 0.00	FNU	0.00	FNU	0.70	0.00	0.00%	Pass
124.00 / 124.00	FNU	124.00	FNU	130.54	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	1.323	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	247.60	240.00	0.00%	Pass

Group # 5
Group Name Disolved Oxygen Span
Stated Accy Pct of Reading
Range Acc % 0.0000
Reading Acc % 3.0000
Plus/Minus 0.0

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

92 North Main St, Building 20
Windsor, NJ 08561
Toll-free: (800) 301-9663

Pine Environmental Services, Inc.

Instrument ID 46868
Description YSI Pro DSS Sonde
Calibrated 9/26/2024 8:31:10AM

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	%	99.10	100.30	0.30%	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
NJ COND 1413: 4GC1194	1413 conductivity standard	AquaPhoenix Scientific	CS1413	4GC1194	5/20/2024	3/31/2025
NJ ORP 240MV: 4GD1716	ORP solution 240mv	AquaPhoenix Scientific	ORP 240mV	4GD1716	5/30/2024	1/31/2025
NJ PH 10: 4GC0600	BUFFER, PH10 BLUE	AquaPhoenix Scientific	PH10	4GC0600	5/23/2024	3/31/2026
NJ PH 4: 4GC0528	BUFFER, PH4 RED	AquaPhoenix Scientific	BU5004	4GC0528	5/23/2024	3/31/2026
NJ PH 7: 4GC0526	BUFFER, PH7 YELLOW	AquaPhoenix Scientific	BU5007	4GC0526	5/20/2024	3/31/2026
NJ TURB 0.0 NTU: 24010121	0.0 NTU STANDARD	GFS	8483	24010121	5/15/2024	3/31/2025
NJ TURB 124 NTU LOT: 24011758	124 NTU STANDARD	GFS	8172	24011758	5/24/2024	5/31/2025

Notes about this calibration

Calibration Result Calibration Successful
Who Calibrated James Stelle

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

Pine Environmental Services LLC
92 North Main St. Building 20
Windsor, NJ 08561
Toll-free: (800) 301-9663

Pine Environmental Services, Inc.

Instrument ID 46868
Description YSI Pro DSS Sonde
Calibrated 9/26/2024 8:31:10AM

Manufacturer YSI
Model Number Pro DSS
Serial Number/ Lot Number 19K103392
Location New Jersey
Department

State Certified
Status Pass
Temp °C 22.5
Humidity % 62

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	7.11	7.02	0.29%	Pass
4.00 / 4.00	PH	4.00	PH	4.09	4.00	0.00%	Pass
10.00 / 10.00	PH	10.00	PH	9.84	10.03	0.30%	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	4.20	0.00	0.00%	Pass
124.00 / 124.00	NTU	124.00	NTU	117.70	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	1.453	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	235.80	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 210760
Description YSI Pro DSS Sonde
Calibrated 10/24/2024 5:28:01PM

Manufacturer YSI
Model Number Pro DSS
Serial Number/ Lot Number 22C103125
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	7.00	0.00%	Pass
4.00 / 4.00	PH	4.00	PH	4.14	4.00	0.00%	Pass
10.00 / 10.00	PH	10.00	PH	10.10	10.00	0.00%	Pass

Group # 2
Group Name Turbidity
Stated Accy Pct of Reading
Range Acc % 0.0000
Reading Acc % 3.0000
Plus/Minus 0.00

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	0.16	0.00	0.00%	Pass
124.00 / 124.00	NTU	124.00	NTU	135.47	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	1.484	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	235.60	240.00	0.00%	Pass

Group # 5
Group Name Dissolved Oxygen Span
Stated Accy Pct of Reading
Range Acc % 0.0000
Reading Acc % 3.0000
Plus/Minus 0.00

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 210760
Description YSI Pro DSS Sonde
Calibrated 10/24/2024 5:28:01PM

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	%	98.90	100.00	0.00%	Pass

Test Instruments Used During the Calibration (As Of Cal Entry Date)

Test Standard ID	Description	Manufacturer	Model Number	Serial Number / Lot Number	Last Cal Date/ Opened Date	Next Cal Date / Expiration Date
STL 1413 COND L#4GB0749	STL 1413 COND L#4GB0749	AquaPhoenix Scientific	31986	4GB0749		2/25/2025
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#4GB0637	STL pH4 L#4GB0637	AquaPhoenix Scientific	pH 4	4GB0637		2/25/2026
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 Austin Carter

All instruments are calibrated by Pine Environmental Services LLC according to the manufacturer's specifications, but it is the customer's responsibility to calibrate and maintain this unit in accordance with the manufacturer's specifications and/or the customer's own specific needs.

Notify Pine Environmental Services LLC of any defect within 24 hours of receipt of equipment
Please call 800-301-9663 for Technical Assistance

INSTRUMENT CALIBRATION REPORT

Pine Environmental Services LLC

10521 Research Drive
Suite 102
Knoxville, TN 37932
Toll-free: (865) 777-1418

Pine Environmental Services, Inc.

Instrument ID 223357
Description YSI Pro DSS Sonde
Calibrated 9/26/2024 10:44:47AM

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	%	99.10	100.00	0.00%	Pass

Test Instruments Used During the Calibration (As Of Cal Entry Date)

Test Standard ID	Description	Manufacturer	Model Number	Serial Number / Lot Number	Last Cal Date/ Opened Date	Next Cal Date / Expiration Date
TN 1.413 3GL1056	TN 1.413 3GL1056	AquaPhoenix Scientific	31986	3GL1056		12/21/2024
TN 126 TURB NTU	TN TURB 126 NTU	YSI	607300	24G24012705		7/30/2025
TN AUTOCAL 24010121	TN AUTOCAL 24010121	GFS	8483	24010121		4/29/2025
TN ORP 4GD1716	TN ORP 4GD1716	AquaPhoenix Scientific	32001	4GD1716		1/1/2025
TN PH10 2GJ290	TN PH10 2GJ290	AquaPhoenix Scientific	32034	2GJ290		10/21/2024
TN PH4 3GL0108	TN PH4 3GL0108	AquaPhoenix Scientific	32017	3GL0108		12/21/2024
TN PH7 4GA0071	TN PH7 4GA0071	AquaPhoenix Scientific	32025	4GA0071		1/25/2025

Notes about this calibration

Calibration Result Calibration Successful
Who Calibrated Justin C. Moore

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
10521 Research Drive
Suite 102
Knoxville, TN 37932
Toll-free: (865) 777-1418

Pine Environmental Services, Inc.

Instrument ID 223357
Description YSI Pro DSS Sonde
Calibrated 9/26/2024 10:44:47AM

Manufacturer YSI
Model Number Pro DSS
Serial Number/ Lot Number 24b105093
Location Tennessee
Department

State Certified
Status Pass
Temp °C 73
Humidity % 64

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	6.99	7.00	0.00%	Pass
4.00 / 4.00	PH	4.00	PH	4.12	4.00	0.00%	Pass
10.00 / 10.00	PH	10.00	PH	9.97	10.00	0.00%	Pass

Group # 2
Group Name Turbidity
Stated Accy Pct of Reading
Range Acc % 0.0000
Reading Acc % 3.0000
Plus/Minus 0.00

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	0.81	0.00	0.00%	Pass
124.00 / 124.00	NTU	124.00	NTU	119.56	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	1.421	1.413	0.00%	Pass

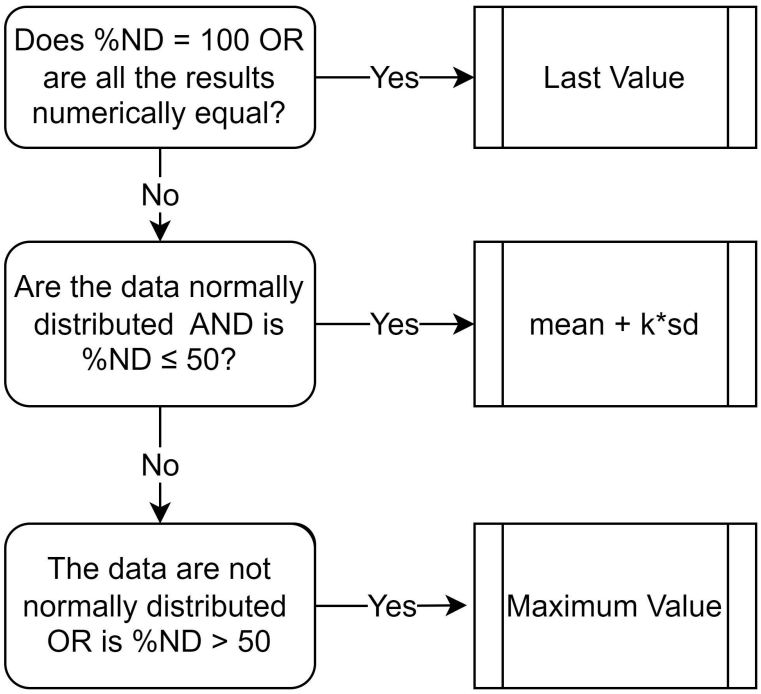
Group # 4
Group Name Redox (ORP)
Stated Accy Pct of Reading
Range Acc % 0.0000
Reading Acc % 3.0000
Plus/Minus 0.00

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	217.50	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

APPENDIX B
STATISTICAL METHODOLOGY FOR DETERMINATION OF BACKGROUND VALUES

Notes
%ND = Percent non-detected samples sd = standard deviation k = kappa for tolerance limit (95% confidence/95% coverage)



APPENDIX C1
BACKGROUND UPDATE SUPPORTING INFORMATION

APPENDIX C1
BACKGROUND UPDATE SUPPORTING INFORMATION
2024 40 C.F.R. § 257 ANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT
BALDWIN POWER PLANT
FLY ASH POND SYSTEM
BALDWIN, IL

Parameter	Statistic	Previous	New
Antimony, total	Sample Count	24	18
	Percent Non-Detect	71	83
	Date Range	10/26/2022 - 05/23/2023	10/26/2022 - 08/07/2023
	Data Normality	Non-Normal	Non-Normal
	Trend	No Trend	No Trend
Arsenic, total	Sample Count	24	18
	Percent Non-Detect	12	11
	Date Range	10/26/2022 - 05/23/2023	10/26/2022 - 08/07/2023
	Data Normality	Log Normal	Normal
	Trend	No Trend	No Trend
Barium, total	Sample Count	24	18
	Percent Non-Detect	0	0
	Date Range	10/26/2022 - 05/23/2023	10/26/2022 - 08/07/2023
	Data Normality	Non-Normal	Non-Normal
	Trend	No Trend	No Trend
Beryllium, total	Sample Count	24	18
	Percent Non-Detect	100	100
	Date Range	10/26/2022 - 05/23/2023	10/26/2022 - 08/07/2023
	Data Normality	Non-Normal	Non-Normal
	Trend	Downward	No Trend
Cadmium, total	Sample Count	24	18
	Percent Non-Detect	100	100
	Date Range	10/26/2022 - 05/23/2023	10/26/2022 - 08/07/2023
	Data Normality	Non-Normal	Non-Normal
	Trend	Upward	No Trend
Chromium, total	Sample Count	24	18
	Percent Non-Detect	88	83
	Date Range	10/26/2022 - 05/23/2023	10/26/2022 - 08/07/2023
	Data Normality	Non-Normal	Non-Normal
	Trend	No Trend	No Trend
Cobalt, total	Sample Count	24	18
	Percent Non-Detect	92	89
	Date Range	10/26/2022 - 05/23/2023	10/26/2022 - 08/07/2023
	Data Normality	Non-Normal	Non-Normal
	Trend	No Trend	No Trend
Fluoride, total	Sample Count	24	18
	Percent Non-Detect	0	0
	Date Range	10/26/2022 - 05/23/2023	10/26/2022 - 08/07/2023
	Data Normality	Normal	Non-Normal
	Trend	No Trend	No Trend
Lead, total	Sample Count	24	18
	Percent Non-Detect	96	94
	Date Range	10/26/2022 - 05/23/2023	10/26/2022 - 08/07/2023
	Data Normality	Non-Normal	Non-Normal
	Trend	No Trend	No Trend
Lithium, total	Sample Count	24	18

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BALDWIN POWER PLANT
FLY ASH POND SYSTEM
BALDWIN, IL

Parameter	Statistic	Previous	New
	Percent Non-Detect	0	0
	Date Range	10/26/2022 - 05/23/2023	10/26/2022 - 08/07/2023
	Data Normality	Normal	Normal
	Trend	No Trend	No Trend
Mercury, total	Sample Count	24	18
	Percent Non-Detect	100	100
	Date Range	10/26/2022 - 05/23/2023	10/26/2022 - 08/07/2023
	Data Normality	Non-Normal	Non-Normal
	Trend	No Trend	No Trend
Molybdenum, total	Sample Count	24	18
	Percent Non-Detect	33	50
	Date Range	10/26/2022 - 05/23/2023	10/26/2022 - 08/07/2023
	Data Normality	Non-Normal	Non-Normal
	Trend	No Trend	No Trend
Radium 226 + Radium 228, total	Sample Count	24	18
	Percent Non-Detect	0	0
	Date Range	10/26/2022 - 05/23/2023	10/26/2022 - 08/07/2023
	Data Normality	Log Normal	Log Normal
	Trend	No Trend	No Trend
Selenium, total	Sample Count	24	18
	Percent Non-Detect	96	94
	Date Range	10/26/2022 - 05/23/2023	10/26/2022 - 08/07/2023
	Data Normality	Non-Normal	Non-Normal
	Trend	No Trend	No Trend
Thallium, total	Sample Count	24	18
	Percent Non-Detect	100	100
	Date Range	10/26/2022 - 05/23/2023	10/26/2022 - 08/07/2023
	Data Normality	Non-Normal	Non-Normal
	Trend	No Trend	No Trend

Notes:
One background well (MW-306, abandoned in 2024) was removed from the monitoring system in 2024.

APPENDIX C2
ANALYTICAL RESULTS USED IN BACKGROUND CALCULATIONS

APPENDIX C2
ANALYTICAL RESULTS USED IN BACKGROUND CALCULATIONS
2024 40 C.F.R. § 257 ANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT
BALDWIN POWER PLANT
FLY ASH POND SYSTEM
BALDWIN, IL

Well ID	Date	Parameter	Unit	Result
MW-304	10/26/2022	Antimony, total	mg/L	0.0004 U
MW-304	11/17/2022	Antimony, total	mg/L	0.0004 U
MW-304	12/14/2022	Antimony, total	mg/L	0.0004 U
MW-304	01/11/2023	Antimony, total	mg/L	0.0004 U
MW-304	02/20/2023	Antimony, total	mg/L	0.0004 U
MW-304	03/15/2023	Antimony, total	mg/L	0.0004 U
MW-304	04/04/2023	Antimony, total	mg/L	0.0004 U
MW-304	05/22/2023	Antimony, total	mg/L	0.0006 J
MW-304	08/03/2023	Antimony, total	mg/L	0.0004 U
MW-304	10/26/2022	Arsenic, total	mg/L	0.00270
MW-304	11/17/2022	Arsenic, total	mg/L	0.00330
MW-304	12/14/2022	Arsenic, total	mg/L	0.00300
MW-304	01/11/2023	Arsenic, total	mg/L	0.00270
MW-304	02/20/2023	Arsenic, total	mg/L	0.00300
MW-304	03/15/2023	Arsenic, total	mg/L	0.00340
MW-304	04/04/2023	Arsenic, total	mg/L	0.00510
MW-304	05/22/2023	Arsenic, total	mg/L	0.0087 U
MW-304	08/03/2023	Arsenic, total	mg/L	0.00220
MW-304	10/26/2022	Barium, total	mg/L	0.0186
MW-304	11/17/2022	Barium, total	mg/L	0.0209
MW-304	12/14/2022	Barium, total	mg/L	0.0191
MW-304	01/11/2023	Barium, total	mg/L	0.0173
MW-304	02/20/2023	Barium, total	mg/L	0.0216
MW-304	03/15/2023	Barium, total	mg/L	0.0206
MW-304	04/04/2023	Barium, total	mg/L	0.0324
MW-304	05/22/2023	Barium, total	mg/L	0.0199
MW-304	08/03/2023	Barium, total	mg/L	0.0201
MW-304	10/26/2022	Beryllium, total	mg/L	0.0002 U
MW-304	11/17/2022	Beryllium, total	mg/L	0.0002 U
MW-304	12/14/2022	Beryllium, total	mg/L	0.0002 U
MW-304	01/11/2023	Beryllium, total	mg/L	0.0002 U
MW-304	02/20/2023	Beryllium, total	mg/L	0.0002 U
MW-304	03/15/2023	Beryllium, total	mg/L	0.0002 U
MW-304	04/04/2023	Beryllium, total	mg/L	0.0002 U
MW-304	05/22/2023	Beryllium, total	mg/L	0.0002 U
MW-304	08/03/2023	Beryllium, total	mg/L	0.0002 U
MW-304	10/26/2022	Cadmium, total	mg/L	0.0002 U
MW-304	11/17/2022	Cadmium, total	mg/L	0.0002 U
MW-304	12/14/2022	Cadmium, total	mg/L	0.0002 U
MW-304	01/11/2023	Cadmium, total	mg/L	0.0002 U
MW-304	02/20/2023	Cadmium, total	mg/L	0.0002 U
MW-304	03/15/2023	Cadmium, total	mg/L	0.0002 U
MW-304	04/04/2023	Cadmium, total	mg/L	0.0002 U
MW-304	05/22/2023	Cadmium, total	mg/L	0.0005 U
MW-304	08/03/2023	Cadmium, total	mg/L	0.0002 U
MW-304	10/26/2022	Chromium, total	mg/L	0.0007 U

APPENDIX C2
ANALYTICAL RESULTS USED IN BACKGROUND CALCULATIONS
2024 40 C.F.R. § 257 ANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT
BALDWIN POWER PLANT
FLY ASH POND SYSTEM
BALDWIN, IL

Well ID	Date	Parameter	Unit	Result
MW-304	11/17/2022	Chromium, total	mg/L	0.0007 U
MW-304	12/14/2022	Chromium, total	mg/L	0.0007 U
MW-304	01/11/2023	Chromium, total	mg/L	0.0007 U
MW-304	02/20/2023	Chromium, total	mg/L	0.0007 U
MW-304	03/15/2023	Chromium, total	mg/L	0.0007 U
MW-304	04/04/2023	Chromium, total	mg/L	0.0007 U
MW-304	05/22/2023	Chromium, total	mg/L	0.0028 U
MW-304	08/03/2023	Chromium, total	mg/L	0.0007 U
MW-304	10/26/2022	Cobalt, total	mg/L	0.0001 U
MW-304	11/17/2022	Cobalt, total	mg/L	0.0001 U
MW-304	12/14/2022	Cobalt, total	mg/L	0.0001 U
MW-304	01/11/2023	Cobalt, total	mg/L	0.0001 U
MW-304	02/20/2023	Cobalt, total	mg/L	0.0001 U
MW-304	03/15/2023	Cobalt, total	mg/L	0.0001 U
MW-304	04/04/2023	Cobalt, total	mg/L	0.0001 U
MW-304	05/22/2023	Cobalt, total	mg/L	0.0001 U
MW-304	08/03/2023	Cobalt, total	mg/L	0.0001 U
MW-304	10/26/2022	Fluoride, total	mg/L	1.72
MW-304	11/17/2022	Fluoride, total	mg/L	1.70
MW-304	12/14/2022	Fluoride, total	mg/L	1.82
MW-304	01/11/2023	Fluoride, total	mg/L	1.68
MW-304	02/20/2023	Fluoride, total	mg/L	1.67
MW-304	03/15/2023	Fluoride, total	mg/L	1.67
MW-304	04/04/2023	Fluoride, total	mg/L	1.81
MW-304	05/22/2023	Fluoride, total	mg/L	1.72
MW-304	08/03/2023	Fluoride, total	mg/L	1.70
MW-304	10/26/2022	Lead, total	mg/L	0.0006 U
MW-304	11/17/2022	Lead, total	mg/L	0.0006 U
MW-304	12/14/2022	Lead, total	mg/L	0.0006 U
MW-304	01/11/2023	Lead, total	mg/L	0.0006 U
MW-304	02/20/2023	Lead, total	mg/L	0.0006 U
MW-304	03/15/2023	Lead, total	mg/L	0.0006 U
MW-304	04/04/2023	Lead, total	mg/L	0.0006 U
MW-304	05/22/2023	Lead, total	mg/L	0.004 U
MW-304	08/03/2023	Lead, total	mg/L	0.0006 U
MW-304	10/26/2022	Lithium, total	mg/L	0.0869
MW-304	11/17/2022	Lithium, total	mg/L	0.0635
MW-304	12/14/2022	Lithium, total	mg/L	0.0756
MW-304	01/11/2023	Lithium, total	mg/L	0.0819
MW-304	02/20/2023	Lithium, total	mg/L	0.0818
MW-304	03/15/2023	Lithium, total	mg/L	0.0940
MW-304	04/04/2023	Lithium, total	mg/L	0.0808
MW-304	05/22/2023	Lithium, total	mg/L	0.0603
MW-304	08/03/2023	Lithium, total	mg/L	0.0779
MW-304	10/26/2022	Mercury, total	mg/L	0.00006 U
MW-304	11/17/2022	Mercury, total	mg/L	0.00007 U

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2024 40 C.F.R. § 257 ANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT
BALDWIN POWER PLANT
FLY ASH POND SYSTEM
BALDWIN, IL

Well ID	Date	Parameter	Unit	Result
MW-304	12/14/2022	Mercury, total	mg/L	0.00008 U
MW-304	01/11/2023	Mercury, total	mg/L	0.00006 U
MW-304	02/20/2023	Mercury, total	mg/L	0.00006 U
MW-304	03/15/2023	Mercury, total	mg/L	0.00006 U
MW-304	04/04/2023	Mercury, total	mg/L	0.00006 U
MW-304	05/22/2023	Mercury, total	mg/L	0.0001 J
MW-304	08/03/2023	Mercury, total	mg/L	0.00012 U
MW-304	10/26/2022	Molybdenum, total	mg/L	0.0013 J
MW-304	11/17/2022	Molybdenum, total	mg/L	0.0011 J
MW-304	12/14/2022	Molybdenum, total	mg/L	0.0009 J
MW-304	01/11/2023	Molybdenum, total	mg/L	0.0007 J
MW-304	02/20/2023	Molybdenum, total	mg/L	0.001 J
MW-304	03/15/2023	Molybdenum, total	mg/L	0.0008 J
MW-304	04/04/2023	Molybdenum, total	mg/L	0.001 J
MW-304	05/22/2023	Molybdenum, total	mg/L	0.0037 U
MW-304	08/03/2023	Molybdenum, total	mg/L	0.0008 J
MW-304	10/26/2022	Radium 226 + Radium 228, total	pCi/L	0.693
MW-304	11/17/2022	Radium 226 + Radium 228, total	pCi/L	0.217
MW-304	12/14/2022	Radium 226 + Radium 228, total	pCi/L	0.632
MW-304	01/11/2023	Radium 226 + Radium 228, total	pCi/L	0.213
MW-304	02/20/2023	Radium 226 + Radium 228, total	pCi/L	0.294
MW-304	03/15/2023	Radium 226 + Radium 228, total	pCi/L	0.265
MW-304	04/04/2023	Radium 226 + Radium 228, total	pCi/L	0.932
MW-304	05/22/2023	Radium 226 + Radium 228, total	pCi/L	0.381
MW-304	08/03/2023	Radium 226 + Radium 228, total	pCi/L	0.937
MW-304	10/26/2022	Selenium, total	mg/L	0.0006 U
MW-304	11/17/2022	Selenium, total	mg/L	0.0006 U
MW-304	12/14/2022	Selenium, total	mg/L	0.0006 U
MW-304	01/11/2023	Selenium, total	mg/L	0.0006 U
MW-304	02/20/2023	Selenium, total	mg/L	0.0006 U
MW-304	03/15/2023	Selenium, total	mg/L	0.0006 U
MW-304	04/04/2023	Selenium, total	mg/L	0.0006 U
MW-304	05/22/2023	Selenium, total	mg/L	0.0006 U
MW-304	08/03/2023	Selenium, total	mg/L	0.0006 U
MW-304	10/26/2022	Thallium, total	mg/L	0.001 U
MW-304	11/17/2022	Thallium, total	mg/L	0.001 U
MW-304	12/14/2022	Thallium, total	mg/L	0.001 U
MW-304	01/11/2023	Thallium, total	mg/L	0.001 U
MW-304	02/20/2023	Thallium, total	mg/L	0.001 U
MW-304	03/15/2023	Thallium, total	mg/L	0.001 U
MW-304	04/04/2023	Thallium, total	mg/L	0.001 U
MW-304	05/22/2023	Thallium, total	mg/L	0.001 U
MW-304	08/03/2023	Thallium, total	mg/L	0.001 U
MW-358	10/27/2022	Antimony, total	mg/L	0.00220
MW-358	11/17/2022	Antimony, total	mg/L	0.00230
MW-358	12/13/2022	Antimony, total	mg/L	0.00150

APPENDIX C2
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2024 40 C.F.R. § 257 ANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT
BALDWIN POWER PLANT
FLY ASH POND SYSTEM
BALDWIN, IL

Well ID	Date	Parameter	Unit	Result
MW-358	01/11/2023	Antimony, total	mg/L	0.0004 U
MW-358	02/20/2023	Antimony, total	mg/L	0.0008 J
MW-358	03/13/2023	Antimony, total	mg/L	0.0004 U
MW-358	04/04/2023	Antimony, total	mg/L	0.0004 U
MW-358	05/19/2023	Antimony, total	mg/L	0.0004 U
MW-358	08/07/2023	Antimony, total	mg/L	0.0004 U
MW-358	10/27/2022	Arsenic, total	mg/L	0.00300
MW-358	11/17/2022	Arsenic, total	mg/L	0.00210
MW-358	12/13/2022	Arsenic, total	mg/L	0.00340
MW-358	01/11/2023	Arsenic, total	mg/L	0.00140
MW-358	02/20/2023	Arsenic, total	mg/L	0.00220
MW-358	03/13/2023	Arsenic, total	mg/L	0.00210
MW-358	04/04/2023	Arsenic, total	mg/L	0.00380
MW-358	05/19/2023	Arsenic, total	mg/L	0.0087 U
MW-358	08/07/2023	Arsenic, total	mg/L	0.00380
MW-358	10/27/2022	Barium, total	mg/L	0.0933
MW-358	11/17/2022	Barium, total	mg/L	0.172
MW-358	12/13/2022	Barium, total	mg/L	0.168
MW-358	01/11/2023	Barium, total	mg/L	0.165
MW-358	02/20/2023	Barium, total	mg/L	0.201
MW-358	03/13/2023	Barium, total	mg/L	0.166
MW-358	04/04/2023	Barium, total	mg/L	0.261
MW-358	05/19/2023	Barium, total	mg/L	0.192
MW-358	08/07/2023	Barium, total	mg/L	0.235
MW-358	10/27/2022	Beryllium, total	mg/L	0.0003 J
MW-358	11/17/2022	Beryllium, total	mg/L	0.0002 U
MW-358	12/13/2022	Beryllium, total	mg/L	0.0002 U
MW-358	01/11/2023	Beryllium, total	mg/L	0.0002 U
MW-358	02/20/2023	Beryllium, total	mg/L	0.0002 U
MW-358	03/13/2023	Beryllium, total	mg/L	0.0002 U
MW-358	04/04/2023	Beryllium, total	mg/L	0.0002 U
MW-358	05/19/2023	Beryllium, total	mg/L	0.0002 U
MW-358	08/07/2023	Beryllium, total	mg/L	0.0002 U
MW-358	10/27/2022	Cadmium, total	mg/L	0.0002 U
MW-358	11/17/2022	Cadmium, total	mg/L	0.0002 U
MW-358	12/13/2022	Cadmium, total	mg/L	0.0002 U
MW-358	01/11/2023	Cadmium, total	mg/L	0.0002 U
MW-358	02/20/2023	Cadmium, total	mg/L	0.0002 U
MW-358	03/13/2023	Cadmium, total	mg/L	0.0002 U
MW-358	04/04/2023	Cadmium, total	mg/L	0.0002 U
MW-358	05/19/2023	Cadmium, total	mg/L	0.0005 U
MW-358	08/07/2023	Cadmium, total	mg/L	0.0002 U
MW-358	10/27/2022	Chromium, total	mg/L	0.0125
MW-358	11/17/2022	Chromium, total	mg/L	0.00540
MW-358	12/13/2022	Chromium, total	mg/L	0.00440
MW-358	01/11/2023	Chromium, total	mg/L	0.0007 U

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2024 40 C.F.R. § 257 ANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT
BALDWIN POWER PLANT
FLY ASH POND SYSTEM
BALDWIN, IL

Well ID	Date	Parameter	Unit	Result
MW-358	02/20/2023	Chromium, total	mg/L	0.0007 U
MW-358	03/13/2023	Chromium, total	mg/L	0.0007 U
MW-358	04/04/2023	Chromium, total	mg/L	0.0007 U
MW-358	05/19/2023	Chromium, total	mg/L	0.0028 U
MW-358	08/07/2023	Chromium, total	mg/L	0.001 J
MW-358	10/27/2022	Cobalt, total	mg/L	0.00220
MW-358	11/17/2022	Cobalt, total	mg/L	0.00140
MW-358	12/13/2022	Cobalt, total	mg/L	0.0008 J
MW-358	01/11/2023	Cobalt, total	mg/L	0.0001 J
MW-358	02/20/2023	Cobalt, total	mg/L	0.0001 U
MW-358	03/13/2023	Cobalt, total	mg/L	0.0001 U
MW-358	04/04/2023	Cobalt, total	mg/L	0.0002 J
MW-358	05/19/2023	Cobalt, total	mg/L	0.0003 J
MW-358	08/07/2023	Cobalt, total	mg/L	0.0001 U
MW-358	10/27/2022	Fluoride, total	mg/L	2.43
MW-358	11/17/2022	Fluoride, total	mg/L	2.36
MW-358	12/13/2022	Fluoride, total	mg/L	2.10
MW-358	01/11/2023	Fluoride, total	mg/L	2.73
MW-358	02/20/2023	Fluoride, total	mg/L	2.87
MW-358	03/13/2023	Fluoride, total	mg/L	3.07
MW-358	04/04/2023	Fluoride, total	mg/L	3.13
MW-358	05/19/2023	Fluoride, total	mg/L	3.31
MW-358	08/07/2023	Fluoride, total	mg/L	3.36
MW-358	10/27/2022	Lead, total	mg/L	0.00220
MW-358	11/17/2022	Lead, total	mg/L	0.0006 U
MW-358	12/13/2022	Lead, total	mg/L	0.0008 J
MW-358	01/11/2023	Lead, total	mg/L	0.0006 U
MW-358	02/20/2023	Lead, total	mg/L	0.0006 U
MW-358	03/13/2023	Lead, total	mg/L	0.0006 U
MW-358	04/04/2023	Lead, total	mg/L	0.0006 U
MW-358	05/19/2023	Lead, total	mg/L	0.004 U
MW-358	08/07/2023	Lead, total	mg/L	0.0006 U
MW-358	10/27/2022	Lithium, total	mg/L	0.0621
MW-358	11/17/2022	Lithium, total	mg/L	0.0592
MW-358	12/13/2022	Lithium, total	mg/L	0.0696
MW-358	01/11/2023	Lithium, total	mg/L	0.0957
MW-358	02/20/2023	Lithium, total	mg/L	0.102
MW-358	03/13/2023	Lithium, total	mg/L	0.115
MW-358	04/04/2023	Lithium, total	mg/L	0.105
MW-358	05/19/2023	Lithium, total	mg/L	0.0778 J+
MW-358	08/07/2023	Lithium, total	mg/L	0.0961
MW-358	10/27/2022	Mercury, total	mg/L	0.00013 J
MW-358	11/17/2022	Mercury, total	mg/L	0.00007 U
MW-358	12/13/2022	Mercury, total	mg/L	0.00008 U
MW-358	01/11/2023	Mercury, total	mg/L	0.00006 U
MW-358	02/20/2023	Mercury, total	mg/L	0.00006 U

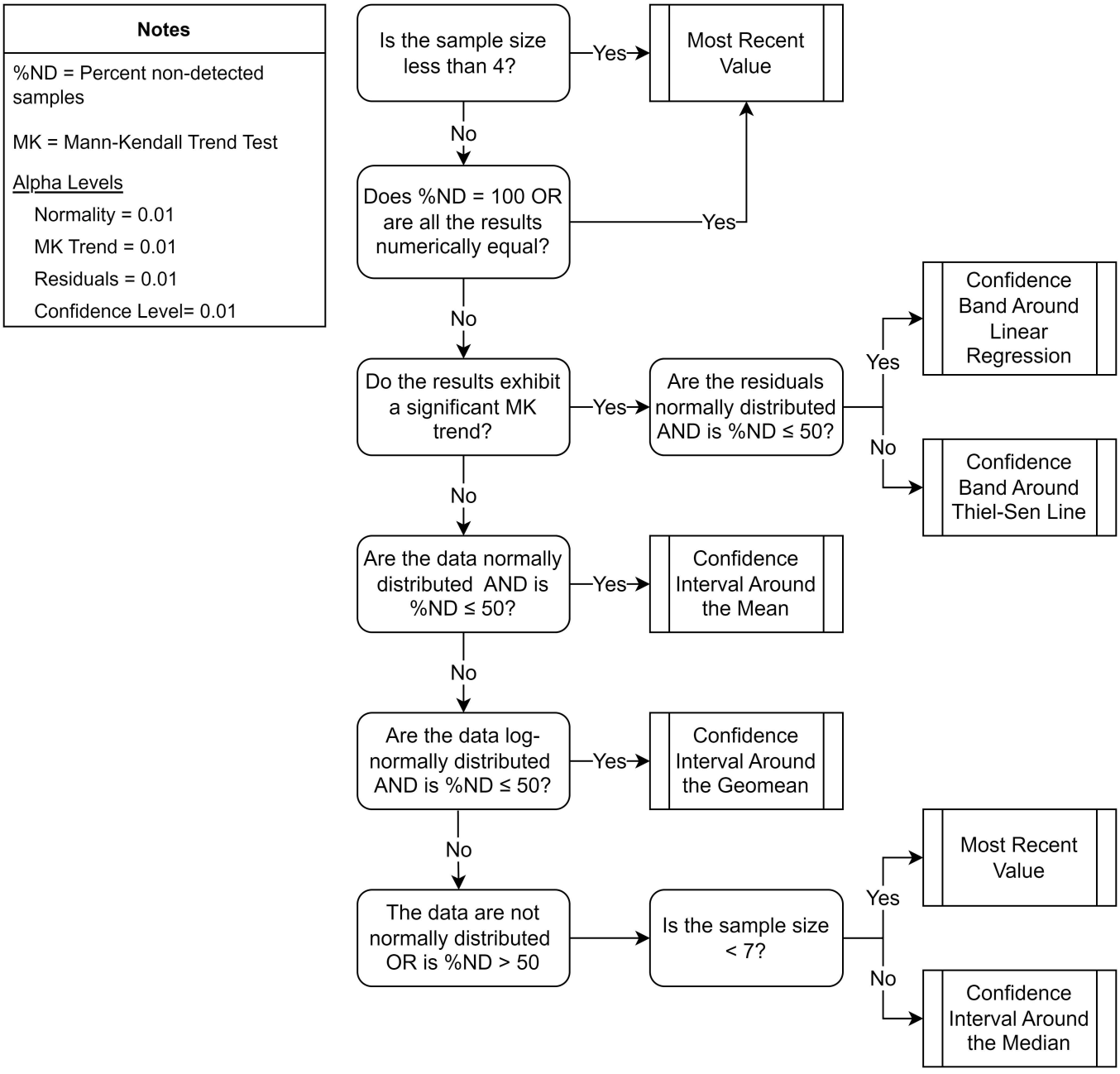
APPENDIX C2
ANALYTICAL RESULTS USED IN BACKGROUND CALCULATIONS
2024 40 C.F.R. § 257 ANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT
BALDWIN POWER PLANT
FLY ASH POND SYSTEM
BALDWIN, IL

Well ID	Date	Parameter	Unit	Result
MW-358	03/13/2023	Mercury, total	mg/L	0.00006 J
MW-358	04/04/2023	Mercury, total	mg/L	0.00006 U
MW-358	05/19/2023	Mercury, total	mg/L	0.00009 U
MW-358	08/07/2023	Mercury, total	mg/L	0.00006 U
MW-358	10/27/2022	Molybdenum, total	mg/L	0.0782
MW-358	11/17/2022	Molybdenum, total	mg/L	0.0475
MW-358	12/13/2022	Molybdenum, total	mg/L	0.0388
MW-358	01/11/2023	Molybdenum, total	mg/L	0.0165
MW-358	02/20/2023	Molybdenum, total	mg/L	0.0199
MW-358	03/13/2023	Molybdenum, total	mg/L	0.0137
MW-358	04/04/2023	Molybdenum, total	mg/L	0.0217
MW-358	05/19/2023	Molybdenum, total	mg/L	0.0139
MW-358	08/07/2023	Molybdenum, total	mg/L	0.0175
MW-358	10/27/2022	Radium 226 + Radium 228, total	pCi/L	3.57
MW-358	11/17/2022	Radium 226 + Radium 228, total	pCi/L	1.28
MW-358	12/13/2022	Radium 226 + Radium 228, total	pCi/L	1.86
MW-358	01/11/2023	Radium 226 + Radium 228, total	pCi/L	0.793
MW-358	02/20/2023	Radium 226 + Radium 228, total	pCi/L	0.731
MW-358	03/13/2023	Radium 226 + Radium 228, total	pCi/L	0.624
MW-358	04/04/2023	Radium 226 + Radium 228, total	pCi/L	0.873
MW-358	05/19/2023	Radium 226 + Radium 228, total	pCi/L	0.816
MW-358	08/07/2023	Radium 226 + Radium 228, total	pCi/L	0.908
MW-358	10/27/2022	Selenium, total	mg/L	0.00320
MW-358	11/17/2022	Selenium, total	mg/L	0.0006 U
MW-358	12/13/2022	Selenium, total	mg/L	0.0006 U
MW-358	01/11/2023	Selenium, total	mg/L	0.0006 U
MW-358	02/20/2023	Selenium, total	mg/L	0.0006 U
MW-358	03/13/2023	Selenium, total	mg/L	0.0006 U
MW-358	04/04/2023	Selenium, total	mg/L	0.0006 U
MW-358	05/19/2023	Selenium, total	mg/L	0.0006 U
MW-358	08/07/2023	Selenium, total	mg/L	0.0006 U
MW-358	10/27/2022	Thallium, total	mg/L	0.001 U
MW-358	11/17/2022	Thallium, total	mg/L	0.001 U
MW-358	12/13/2022	Thallium, total	mg/L	0.001 U
MW-358	01/11/2023	Thallium, total	mg/L	0.001 U
MW-358	02/20/2023	Thallium, total	mg/L	0.001 U
MW-358	03/13/2023	Thallium, total	mg/L	0.001 U
MW-358	04/04/2023	Thallium, total	mg/L	0.001 U
MW-358	05/19/2023	Thallium, total	mg/L	0.001 U
MW-358	08/07/2023	Thallium, total	mg/L	0.001 U

Notes:
Data qualifiers as defined in the United States Environmental Protection Agency's *National Functional Guidelines for Inorganic Superfund Methods Data Review* (2020):
J = The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.
J+ = The result is an estimated quantity, but the result may be biased high.
U = The analyte was analyzed for, but was not detected above the level of the adjusted detection limit or quantitation limit, as appropriate.
mg/L = milligrams per liter
pCi/L = picoCuries per liter

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APPENDIX D
STATISTICAL METHODOLGY FOR DETERMINATION OF STATISTICALLY SIGNIFICANT LEVELS


Notes
%ND = Percent non-detected samples
MK = Mann-Kendall Trend Test
Alpha Levels
Normality = 0.01
MK Trend = 0.01
Residuals = 0.01
Confidence Level= 0.01
Is the sample size less than 4?
Yes
Most Recent Value
No
Does %ND = 100 OR are all the results numerically equal?
Yes
No
Do the results exhibit a significant MK trend?
Yes
Are the residuals normally distributed AND is %ND ≤ 50?
Yes
Confidence Band Around Linear Regression
No
Confidence Band Around Thiel-Sen Line
No
Are the data normally distributed AND is %ND ≤ 50?
Yes
Confidence Interval Around the Mean
No
Are the data log-normally distributed AND is %ND ≤ 50?
Yes
Confidence Interval Around the Geomean
No
The data are not normally distributed OR is %ND > 50
Is the sample size < 7?
Yes
Most Recent Value
No
Confidence Interval Around the Median