Prepared for
Illinois Power Generating Company

Date
January 31, 2025

Project No.
1940106781-012

2024 ANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT

LANDFILL 2

NEWTON POWER PLANT

NEWTON, ILLINOIS

CCR UNIT 502

RAMBOLL Bright ideas. Sustainable change.

2024 ANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT
NEWTON POWER PLANT LANDFILL 2

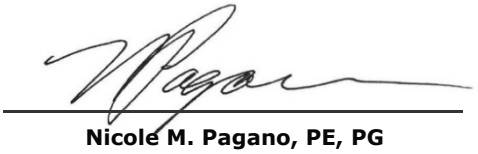
Project name	**Newton Power Plant Landfill 2**
Project no.	**1940106781-012**
Recipient	**Illinois Power Generating Company**
Document type	**Annual Groundwater Monitoring and Corrective Action Report**
Version	**FINAL**
Date	**January 31, 2025**
Prepared by	**Chase J. Christenson, PG**
Checked by	**Lauren D. Cook**
Approved by	**Nicole M. Pagano, PE, PG**
Description	**Annual Report required by 40 C.F.R. § 257.90(e)**

Ramboll
234 W. Florida Street
Fifth Floor
Milwaukee, WI 53204
USA

T 414-837-3607
F 414-837-3608
https://ramboll.com



Chase J. Christenson, PG
Senior Project Hydrogeologist



Nicole M. Pagano, PE, PG
Senior Managing Engineer

CONTENTS

EXECUTIVE SUMMARY **3**
1. Introduction **4**
2. Monitoring and Corrective Action Program Status **6**
3. Key Actions Completed in 2024 **7**
4. Problems Encountered and Actions to Resolve the Problems **9**
5. Key Activities Planned for 2025 **10**
6. References **11**

TABLES (IN TEXT)

Table A 2024 Detection Monitoring Program Summary

TABLES (ATTACHED)

Table 1 Groundwater Elevation Data
Table 2 Analytical Results – Appendix III Parameters
Table 3 Statistical Background Values

FIGURES (ATTACHED)

Figure 1 Monitoring Well Location Map
Figure 2 Potentiometric Surface Map, January 15, 2024
Figure 3 Potentiometric Surface Map, July 1, 2024

APPENDICES

Appendix A Laboratory Reports and Field Data Sheets
Appendix B Statistical Methodology for Determination of Background Values

ACRONYMS AND ABBREVIATIONS

40 C.F.R.	Title 40 of the Code of Federal Regulations
ASD	Alternative Source Demonstration
CCR	coal combustion residuals
D13	Quarter 3, 2023 Detection Monitoring sampling event
D13R	Quarter 4, 2023 Detection Monitoring resampling event
D14	Quarter 1, 2024 Detection Monitoring sampling event
D15	Quarter 3, 2024 Detection Monitoring sampling event
GWPS	groundwater protection standard
LF2	Landfill 2
NA	not applicable
NPP	Newton Power Plant
Ramboll	Ramboll Americas Engineering Solutions, Inc.
SAP	Sampling and Analysis Plan
SSI	statistically significant increase

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 Landfill 2 (LF2) located at the Newton Power Plant (NPP) near Newton, Illinois.

Groundwater is being monitored at LF2 in accordance with the Detection Monitoring Program requirements specified in 40 C.F.R. § 257.94.

No changes were made to the monitoring system in 2024 (no wells were installed or decommissioned).

No statistically significant increase (SSI) of 40 C.F.R. § 257 Appendix III parameter concentrations greater than background concentrations were reported in 2024 and LF2 remains in the Detection Monitoring Program.

1. INTRODUCTION

This report has been prepared by Ramboll Americas Engineering Solutions, Inc. (Ramboll) on behalf of Illinois Power Generating Company, to provide the information required by 40 C.F.R. § 257.90(e) for LF2 located at the NPP near Newton, 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 SSI 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 LF2 for calendar year 2024.

2. MONITORING AND CORRECTIVE ACTION PROGRAM STATUS

No changes have occurred to the monitoring program status in calendar year 2024 and LF2 remains in the Detection Monitoring Program in accordance with 40 C.F.R. § 257.94.

3. KEY ACTIONS COMPLETED IN 2024

A summary of the samples collected from background and compliance monitoring wells in 2024 under the Detection Monitoring Program is included in **Table A** on the following page. The groundwater monitoring system, including the CCR unit and all background and compliance monitoring wells, is presented in **Figure 1**. A groundwater monitoring plan was developed for LF2 in 2023 (Ramboll, 2023a); no changes were made to the monitoring system in 2024.

One groundwater sample was collected from each background and compliance well during each monitoring event.[1] All samples were collected and analyzed in accordance with the Multi-Site Sampling and Analysis Plan (SAP) (Ramboll, 2023b).

Potentiometric surfaces for the quarterly sampling events are included in **Figures 2** and **3**. All monitoring data and analytical results obtained under 40 C.F.R. § 257.90 through 257.98 (as applicable) in 2024 are presented in **Tables 1** and **2**. 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 SSIs of Appendix III parameters relative to background concentrations. SSIs are summarized in **Table A** and highlighted in **Table 2**. Statistical background values are provided in **Table 3**. A flow chart showing the statistical methodology for determination of background values is included as **Appendix B**.

No SSIs were reported in 2024 and LF2 remains in the Detection Monitoring Program.

[1] Background monitoring well G208 was not sampled during the D14 and D15 events due to the dedicated pump for that location becoming stuck above the well screen and inoperable

Table A. 2024 Detection Monitoring Program Summary

Event ID	Sampling Dates	Analytical Data Receipt Date	SSI(s) Determination Date	SSI(s)	ASD Completion Date
D13 [1, 2, 3, 4, 5]	July 25 – August 1, and August 16, 2023	November 15, 2023	February 13, 2024 [6]	None	NA
D13R [3, 5, 7]	October 11, 2023	November 17, 2023	NA	NA	NA
D14 [3, 8, 9]	January 17 – January 25 and February 26, 2024	February 20, 2024	May 20, 2024	None	NA
D15 [2, 3, 8, 9]	July 2 -July 11 and August 7, 2024	September 6, 2024	December 5, 2024	None	NA

Notes:

ASD: Alternative Source Demonstration

NA: not applicable

SSI: statistically significant increase

[1] The following background wells were sampled: G201, G208, G217D/R217D, G220, G222, G223, G224, and G48MG

[2] The following compliance wells were sampled: G203, G231, G232, and G233.

[3] Samples were analyzed for Appendix III parameters listed in 40 C.F.R. § 257.94(e).

[4] Groundwater samples were not collected from compliance wells G06D, G202, and G230 during the D13 event.

[5] Laboratory reports and associated analytical data tables were included in the 2023 Annual Groundwater Monitoring and Corrective Action Report

[6] Statistical determinations were completed in 2024. Analytical data from 2023 sampling events used in statistical determinations are included in the 2024 Annual Groundwater Monitoring and Corrective Action Report for completeness.

[7] Groundwater samples were only collected from compliance wells G06D, G202, and G230 during the D13R event.

[8] The following compliance wells were sampled: G06D, G202, G203, G230, G231, G232, and G233

[9] The following background wells were sampled: G201, G217D/R217D, G220, G222, G223, G224, and G48MG

4. PROBLEMS ENCOUNTERED AND ACTIONS TO RESOLVE THE PROBLEMS

Groundwater samples were collected and analyzed in accordance with the SAP and all data were accepted. Monitoring well G208 was unable to be sampled as it was noted that the dedicated pump for that location was stuck above the well screen and inoperable during the D14 and D15 events.

5. KEY ACTIVITIES PLANNED FOR 2025

The following key activities are planned for 2025:

- Continuation of the Detection Monitoring Program with semiannual sampling scheduled for the first and third quarters of 2025.
- Complete evaluation of analytical data from the compliance wells using background data to determine whether an SSI of Appendix III parameters detected at concentrations greater than background concentrations has occurred.
- If an SSI is identified, potential alternative sources (*i.e.,* a source other than the CCR unit caused the SSI or that the SSI 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 SSI, a written demonstration will be completed within 90 days of SSI 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 SSI, the applicable requirements of 40 C.F.R. §§ 257.94 through 257.98 as may apply in 2025 (*e.g.,* Assessment Monitoring) will be met, including associated recordkeeping/notifications required by 40 C.F.R. §§ 257.105 through 257.108.
- Monitoring well G208 will be decommissioned, and the Groundwater Monitoring Plan will be revised to reflect the changes to the monitoring system. Statistical limits (background) will be updated for LF2 pursuant to the Multi-Site Statistical Analysis Plan (Ramboll, 2022a) prepared in accordance with the requirements of 40 C.F.R. § 257.93(f).

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

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. Groundwater Monitoring Plan, Netwon Power Plant, Newton Landfill 2, Newton, Illinois, Illinois Power Generating Company. March 27, 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
NEWTON POWER PLANT
LANDFILL 2
NEWTON, IL

Well ID	Well Type	Monitored Unit	Date	Depth to Groundwater (feet BMP)	Groundwater Elevation (feet NAVD88)
G06D	Compliance	UA	01/15/2024	30.36	501.30
G06D	Compliance	UA	04/01/2024	30.02	501.64
G06D	Compliance	UA	07/01/2024	24.33	507.33
G06D	Compliance	UA	10/01/2024	30.07	501.76
G48MG	Background	UA	01/15/2024	17.73	527.80
G48MG	Background	UA	04/01/2024	18.79	526.74
G48MG	Background	UA	07/01/2024	19.09	526.44
G48MG	Background	UA	10/01/2024	19.01	526.59
G201	Background	UA	01/15/2024	18.09	526.78
G201	Background	UA	04/01/2024	17.19	527.68
G201	Background	UA	07/01/2024	17.37	527.50
G201	Background	UA	10/01/2024	17.43	527.28
G202	Compliance	UA	01/15/2024	49.15	490.54
G202	Compliance	UA	04/01/2024	47.84	491.85
G202	Compliance	UA	07/01/2024	48.20	491.49
G202	Compliance	UA	10/01/2024	48.22	491.44
G203	Compliance	UA	01/15/2024	42.62	490.51
G203	Compliance	UA	04/01/2024	DM[4]	
G203	Compliance	UA	04/04/2024	41.38	491.75
G203	Compliance	UA	07/01/2024	41.90	491.23
G203	Compliance	UA	10/01/2024	41.76	491.40
G208	Background	UA	01/15/2024	24.09	510.94
G208	Background	UA	04/01/2024	DM[3]	
G208	Background	UA	07/01/2024	21.03	514.00
G208	Background	UA	10/01/2024	21.09	513.99
G220	Background	UA	01/18/2024	[18.62]	[516.01]
G220	Background	UA	04/01/2024	18.14	516.49
G220	Background	UA	07/01/2024	17.84	516.79
G220	Background	UA	10/01/2024	18.12	516.67
G222	Background	UA	01/15/2024	18.23	516.09
G222	Background	UA	04/01/2024	17.23	517.09
G222	Background	UA	07/01/2024	16.64	517.68
G222	Background	UA	10/01/2024	16.26	518.13
G223	Background	UA	01/23/2024	[35.65]	[497.95]
G223	Background	UA	04/01/2024	32.81	500.79
G223	Background	UA	07/01/2024	42.08	491.52
G223	Background	UA	10/01/2024	32.99	500.60
G224	Background	UA	01/15/2024	43.72	490.59
G224	Background	UA	04/01/2024	42.40	491.91
G224	Background	UA	07/01/2024	43.04	491.27
G224	Background	UA	10/01/2024	42.98	491.33
G230	Compliance	UA	01/15/2024	49.26	490.41
G230	Compliance	UA	04/01/2024	47.95	491.72
G230	Compliance	UA	07/01/2024	48.55	491.12
G230	Compliance	UA	10/01/2024	48.49	491.25
G231	Compliance	UA	01/15/2024	48.64	490.42

TABLE 1
GROUNDWATER ELEVATION DATA
2024 40 C.F.R. § 257 ANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT
NEWTON POWER PLANT
LANDFILL 2
NEWTON, IL

Well ID	Well Type	Monitored Unit	Date	Depth to Groundwater (feet BMP)	Groundwater Elevation (feet NAVD88)
G231	Compliance	UA	04/01/2024	47.36	491.70
G231	Compliance	UA	07/01/2024	47.91	491.15
G231	Compliance	UA	10/01/2024	47.92	491.17
G232	Compliance	UA	01/15/2024	47.00	490.41
G232	Compliance	UA	04/01/2024	45.71	491.70
G232	Compliance	UA	07/01/2024	46.28	491.13
G232	Compliance	UA	10/01/2024	46.32	491.02
G233	Compliance	UA	01/15/2024	42.91	490.45
G233	Compliance	UA	04/01/2024	41.67	491.69
G233	Compliance	UA	07/01/2024	33.33	500.03
G233	Compliance	UA	10/01/2024	41.07	492.27
R217D	Background	UA	01/15/2024	19.54	518.64
R217D	Background	UA	04/01/2024	19.10	519.08
R217D	Background	UA	07/01/2024	19.16	519.02
R217D	Background	UA	10/01/2024	19.38	518.61

Notes:
BMP = below measuring point
Bracketing [ ] indicates that the measurement was obtained outside of the episodic depth to groundwater measurements time frame.
Depth to Groundwater/Groundwater Elevation Code (if applicable):
DM[1] = Depth to water was not measured.
DM[2] = Depth to water was not measured because water was above or below the staff gage markings.
DM[3] = Depth to water was not measured because the location was inaccessible.
DM[4] = Depth to water was not measured because water level was below the top of the pump.
DM[5] = Depth to water was not measured because water level was above the top of casing (artesian well).
DM[6] = Depth to water was not measured because of damage to the well.
DM[7] = Depth to water was not measured due to required pressure transducer maintenance.
DM[8] = Lab provided groundwater elevation data and not depth to water.
NAVD88 = North American Vertical Datum of 1988
Monitored Unit Abbreviations:
UA = uppermost aquifer

Generated 2024-12-17 10:12 by banoffra

TABLE 2
ANALYTICAL RESULTS - APPENDIX III PARAMETERS
2024 40 C.F.R. § 257 ANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT
NEWTON POWER PLANT
LANDFILL 2
NEWTON, IL

Well ID	HSU	Well Type	Date	Event ID	Parameter	Unit	Result	Comparison Value	Background	SSI Type
G48MG	UA	Background	07/27/2023	D13	Boron, total	mg/L	0.0994	--	--	--
G48MG	UA	Background	02/26/2024	D14	Boron, total	mg/L	0.181	--	--	--
G48MG	UA	Background	07/11/2024	D15	Boron, total	mg/L	0.256	--	--	--
G48MG	UA	Background	07/27/2023	D13	Calcium, total	mg/L	49.5	--	--	--
G48MG	UA	Background	02/26/2024	D14	Calcium, total	mg/L	44.2	--	--	--
G48MG	UA	Background	07/11/2024	D15	Calcium, total	mg/L	50.6	--	--	--
G48MG	UA	Background	07/27/2023	D13	Chloride, total	mg/L	29.0	--	--	--
G48MG	UA	Background	02/26/2024	D14	Chloride, total	mg/L	28.0	--	--	--
G48MG	UA	Background	07/11/2024	D15	Chloride, total	mg/L	28.0	--	--	--
G48MG	UA	Background	07/27/2023	D13	Fluoride, total	mg/L	0.570	--	--	--
G48MG	UA	Background	02/26/2024	D14	Fluoride, total	mg/L	0.550	--	--	--
G48MG	UA	Background	07/11/2024	D15	Fluoride, total	mg/L	0.460	--	--	--
G48MG	UA	Background	07/27/2023	D13	pH (field)	SU	7.3	--	--	--
G48MG	UA	Background	02/26/2024	D14	pH (field)	SU	7.2	--	--	--
G48MG	UA	Background	07/11/2024	D15	pH (field)	SU	7.6	--	--	--
G48MG	UA	Background	07/27/2023	D13	Sulfate, total	mg/L	6 U	--	--	--
G48MG	UA	Background	02/26/2024	D14	Sulfate, total	mg/L	13.0	--	--	--
G48MG	UA	Background	07/11/2024	D15	Sulfate, total	mg/L	17.0	--	--	--
G48MG	UA	Background	07/27/2023	D13	Total Dissolved Solids	mg/L	525	--	--	--
G48MG	UA	Background	02/26/2024	D14	Total Dissolved Solids	mg/L	430	--	--	--
G48MG	UA	Background	07/11/2024	D15	Total Dissolved Solids	mg/L	524	--	--	--
G201	UA	Background	07/27/2023	D13	Boron, total	mg/L	0.131	--	--	--
G201	UA	Background	01/25/2024	D14	Boron, total	mg/L	0.135	--	--	--
G201	UA	Background	07/10/2024	D15	Boron, total	mg/L	0.125	--	--	--
G201	UA	Background	07/27/2023	D13	Calcium, total	mg/L	161	--	--	--
G201	UA	Background	01/25/2024	D14	Calcium, total	mg/L	198	--	--	--
G201	UA	Background	07/10/2024	D15	Calcium, total	mg/L	203	--	--	--
G201	UA	Background	07/27/2023	D13	Chloride, total	mg/L	5.00	--	--	--
G201	UA	Background	01/25/2024	D14	Chloride, total	mg/L	7.00	--	--	--
G201	UA	Background	07/10/2024	D15	Chloride, total	mg/L	5.00	--	--	--
G201	UA	Background	07/27/2023	D13	Fluoride, total	mg/L	0.880	--	--	--
G201	UA	Background	01/25/2024	D14	Fluoride, total	mg/L	0.810	--	--	--
G201	UA	Background	07/10/2024	D15	Fluoride, total	mg/L	0.790	--	--	--
G201	UA	Background	07/27/2023	D13	pH (field)	SU	7.4	--	--	--
G201	UA	Background	01/25/2024	D14	pH (field)	SU	7.3	--	--	--
G201	UA	Background	07/10/2024	D15	pH (field)	SU	7.5	--	--	--
G201	UA	Background	07/27/2023	D13	Sulfate, total	mg/L	534	--	--	--
G201	UA	Background	01/25/2024	D14	Sulfate, total	mg/L	444	--	--	--
G201	UA	Background	07/10/2024	D15	Sulfate, total	mg/L	537	--	--	--
G201	UA	Background	07/27/2023	D13	Total Dissolved Solids	mg/L	920	--	--	--
G201	UA	Background	01/25/2024	D14	Total Dissolved Solids	mg/L	960	--	--	--
G201	UA	Background	07/10/2024	D15	Total Dissolved Solids	mg/L	912	--	--	--
G208	UA	Background	07/25/2023	D13	Boron, total	mg/L	0.191	--	--	--
G208	UA	Background	--	D14	Boron, total	mg/L	NS[2]	--	--	--
G208	UA	Background	--	D15	Boron, total	mg/L	NS[3]	--	--	--
G208	UA	Background	07/25/2023	D13	Calcium, total	mg/L	94.9	--	--	--

TABLE 2
ANALYTICAL RESULTS - APPENDIX III PARAMETERS
2024 40 C.F.R. § 257 ANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT
NEWTON POWER PLANT
LANDFILL 2
NEWTON, IL

Well ID	HSU	Well Type	Date	Event ID	Parameter	Unit	Result	Comparison Value	Background	SSI Type
G208	UA	Background	--	D14	Calcium, total	mg/L	NS[2]	--	--	--
G208	UA	Background	--	D15	Calcium, total	mg/L	NS[3]	--	--	--
G208	UA	Background	07/25/2023	D13	Chloride, total	mg/L	49.0	--	--	--
G208	UA	Background	--	D14	Chloride, total	mg/L	NS[2]	--	--	--
G208	UA	Background	--	D15	Chloride, total	mg/L	NS[3]	--	--	--
G208	UA	Background	07/25/2023	D13	Fluoride, total	mg/L	1.34	--	--	--
G208	UA	Background	--	D14	Fluoride, total	mg/L	NS[2]	--	--	--
G208	UA	Background	--	D15	Fluoride, total	mg/L	NS[3]	--	--	--
G208	UA	Background	07/25/2023	D13	pH (field)	SU	7.2	--	--	--
G208	UA	Background	--	D14	pH (field)	SU	NS[2]	--	--	--
G208	UA	Background	--	D15	pH (field)	SU	NS[3]	--	--	--
G208	UA	Background	07/25/2023	D13	Sulfate, total	mg/L	13.0 J+	--	--	--
G208	UA	Background	--	D14	Sulfate, total	mg/L	NS[2]	--	--	--
G208	UA	Background	--	D15	Sulfate, total	mg/L	NS[3]	--	--	--
G208	UA	Background	07/25/2023	D13	Total Dissolved Solids	mg/L	745	--	--	--
G208	UA	Background	--	D14	Total Dissolved Solids	mg/L	NS[2]	--	--	--
G208	UA	Background	--	D15	Total Dissolved Solids	mg/L	NS[3]	--	--	--
G220	UA	Background	07/26/2023	D13	Boron, total	mg/L	0.231	--	--	--
G220	UA	Background	01/18/2024	D14	Boron, total	mg/L	0.230	--	--	--
G220	UA	Background	07/10/2024	D15	Boron, total	mg/L	0.274	--	--	--
G220	UA	Background	07/26/2023	D13	Calcium, total	mg/L	92.7	--	--	--
G220	UA	Background	01/18/2024	D14	Calcium, total	mg/L	94.0	--	--	--
G220	UA	Background	07/10/2024	D15	Calcium, total	mg/L	109	--	--	--
G220	UA	Background	07/26/2023	D13	Chloride, total	mg/L	39.0	--	--	--
G220	UA	Background	01/18/2024	D14	Chloride, total	mg/L	41.0	--	--	--
G220	UA	Background	07/10/2024	D15	Chloride, total	mg/L	39.0	--	--	--
G220	UA	Background	07/26/2023	D13	Fluoride, total	mg/L	1.44	--	--	--
G220	UA	Background	01/18/2024	D14	Fluoride, total	mg/L	1.58	--	--	--
G220	UA	Background	07/10/2024	D15	Fluoride, total	mg/L	1.44	--	--	--
G220	UA	Background	07/26/2023	D13	pH (field)	SU	6.7	--	--	--
G220	UA	Background	01/18/2024	D14	pH (field)	SU	6.9	--	--	--
G220	UA	Background	07/10/2024	D15	pH (field)	SU	6.9	--	--	--
G220	UA	Background	07/26/2023	D13	Sulfate, total	mg/L	15.0 J+	--	--	--
G220	UA	Background	01/18/2024	D14	Sulfate, total	mg/L	10.0	--	--	--
G220	UA	Background	07/10/2024	D15	Sulfate, total	mg/L	16.0	--	--	--
G220	UA	Background	07/26/2023	D13	Total Dissolved Solids	mg/L	745	--	--	--
G220	UA	Background	01/18/2024	D14	Total Dissolved Solids	mg/L	726	--	--	--
G220	UA	Background	07/10/2024	D15	Total Dissolved Solids	mg/L	728	--	--	--
G222	UA	Background	07/26/2023	D13	Boron, total	mg/L	0.209	--	--	--
G222	UA	Background	01/17/2024	D14	Boron, total	mg/L	0.238	--	--	--
G222	UA	Background	08/07/2024	D15	Boron, total	mg/L	0.204	--	--	--
G222	UA	Background	07/26/2023	D13	Calcium, total	mg/L	121	--	--	--
G222	UA	Background	01/17/2024	D14	Calcium, total	mg/L	134	--	--	--
G222	UA	Background	08/07/2024	D15	Calcium, total	mg/L	130	--	--	--
G222	UA	Background	07/26/2023	D13	Chloride, total	mg/L	68.0	--	--	--
G222	UA	Background	01/17/2024	D14	Chloride, total	mg/L	80.0	--	--	--

TABLE 2
ANALYTICAL RESULTS - APPENDIX III PARAMETERS
2024 40 C.F.R. § 257 ANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT
NEWTON POWER PLANT
LANDFILL 2
NEWTON, IL

Well ID	HSU	Well Type	Date	Event ID	Parameter	Unit	Result	Comparison Value	Background	SSI Type
G222	UA	Background	08/07/2024	D15	Chloride, total	mg/L	76.0	--	--	--
G222	UA	Background	07/26/2023	D13	Fluoride, total	mg/L	1.16	--	--	--
G222	UA	Background	01/17/2024	D14	Fluoride, total	mg/L	1.20	--	--	--
G222	UA	Background	08/07/2024	D15	Fluoride, total	mg/L	1.10	--	--	--
G222	UA	Background	07/26/2023	D13	pH (field)	SU	6.9	--	--	--
G222	UA	Background	01/17/2024	D14	pH (field)	SU	7.5	--	--	--
G222	UA	Background	08/07/2024	D15	pH (field)	SU	7.3	--	--	--
G222	UA	Background	07/26/2023	D13	Sulfate, total	mg/L	149	--	--	--
G222	UA	Background	01/17/2024	D14	Sulfate, total	mg/L	130	--	--	--
G222	UA	Background	08/07/2024	D15	Sulfate, total	mg/L	133	--	--	--
G222	UA	Background	07/26/2023	D13	Total Dissolved Solids	mg/L	1,020	--	--	--
G222	UA	Background	01/17/2024	D14	Total Dissolved Solids	mg/L	1,060	--	--	--
G222	UA	Background	08/07/2024	D15	Total Dissolved Solids	mg/L	1,090 J	--	--	--
G223	UA	Background	07/26/2023	D13	Boron, total	mg/L	0.215	--	--	--
G223	UA	Background	01/23/2024	D14	Boron, total	mg/L	0.217	--	--	--
G223	UA	Background	07/10/2024	D15	Boron, total	mg/L	0.230	--	--	--
G223	UA	Background	07/26/2023	D13	Calcium, total	mg/L	301	--	--	--
G223	UA	Background	01/23/2024	D14	Calcium, total	mg/L	363	--	--	--
G223	UA	Background	07/10/2024	D15	Calcium, total	mg/L	378	--	--	--
G223	UA	Background	07/26/2023	D13	Chloride, total	mg/L	325	--	--	--
G223	UA	Background	01/23/2024	D14	Chloride, total	mg/L	339	--	--	--
G223	UA	Background	07/10/2024	D15	Chloride, total	mg/L	347	--	--	--
G223	UA	Background	07/26/2023	D13	Fluoride, total	mg/L	0.800	--	--	--
G223	UA	Background	01/23/2024	D14	Fluoride, total	mg/L	0.740	--	--	--
G223	UA	Background	07/10/2024	D15	Fluoride, total	mg/L	0.830	--	--	--
G223	UA	Background	07/26/2023	D13	pH (field)	SU	6.6	--	--	--
G223	UA	Background	01/23/2024	D14	pH (field)	SU	6.9	--	--	--
G223	UA	Background	07/10/2024	D15	pH (field)	SU	6.8	--	--	--
G223	UA	Background	07/26/2023	D13	Sulfate, total	mg/L	694	--	--	--
G223	UA	Background	01/23/2024	D14	Sulfate, total	mg/L	832	--	--	--
G223	UA	Background	07/10/2024	D15	Sulfate, total	mg/L	844	--	--	--
G223	UA	Background	07/26/2023	D13	Total Dissolved Solids	mg/L	2,400	--	--	--
G223	UA	Background	01/23/2024	D14	Total Dissolved Solids	mg/L	2,570	--	--	--
G223	UA	Background	07/10/2024	D15	Total Dissolved Solids	mg/L	2,630	--	--	--
G224	UA	Background	07/26/2023	D13	Boron, total	mg/L	0.0874	--	--	--
G224	UA	Background	01/23/2024	D14	Boron, total	mg/L	0.101	--	--	--
G224	UA	Background	08/07/2024	D15	Boron, total	mg/L	0.0797	--	--	--
G224	UA	Background	07/26/2023	D13	Calcium, total	mg/L	129	--	--	--
G224	UA	Background	01/23/2024	D14	Calcium, total	mg/L	136	--	--	--
G224	UA	Background	08/07/2024	D15	Calcium, total	mg/L	131	--	--	--
G224	UA	Background	07/26/2023	D13	Chloride, total	mg/L	48.0	--	--	--
G224	UA	Background	01/23/2024	D14	Chloride, total	mg/L	50.0	--	--	--
G224	UA	Background	08/07/2024	D15	Chloride, total	mg/L	55.0	--	--	--
G224	UA	Background	07/26/2023	D13	Fluoride, total	mg/L	0.430	--	--	--
G224	UA	Background	01/23/2024	D14	Fluoride, total	mg/L	0.390	--	--	--
G224	UA	Background	08/07/2024	D15	Fluoride, total	mg/L	0.460	--	--	--

TABLE 2
ANALYTICAL RESULTS - APPENDIX III PARAMETERS
2024 40 C.F.R. § 257 ANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT
NEWTON POWER PLANT
LANDFILL 2
NEWTON, IL

Well ID	HSU	Well Type	Date	Event ID	Parameter	Unit	Result	Comparison Value	Background	SSI Type
G224	UA	Background	07/26/2023	D13	pH (field)	SU	7.1	--	--	--
G224	UA	Background	01/23/2024	D14	pH (field)	SU	7.3	--	--	--
G224	UA	Background	08/07/2024	D15	pH (field)	SU	7.4	--	--	--
G224	UA	Background	07/26/2023	D13	Sulfate, total	mg/L	164	--	--	--
G224	UA	Background	01/23/2024	D14	Sulfate, total	mg/L	147	--	--	--
G224	UA	Background	08/07/2024	D15	Sulfate, total	mg/L	160	--	--	--
G224	UA	Background	07/26/2023	D13	Total Dissolved Solids	mg/L	705	--	--	--
G224	UA	Background	01/23/2024	D14	Total Dissolved Solids	mg/L	754	--	--	--
G224	UA	Background	08/07/2024	D15	Total Dissolved Solids	mg/L	720 J	--	--	--
R217D	UA	Background	07/26/2023	D13	Boron, total	mg/L	0.151	--	--	--
R217D	UA	Background	01/24/2024	D14	Boron, total	mg/L	0.182	--	--	--
R217D	UA	Background	07/02/2024	D15	Boron, total	mg/L	0.250	--	--	--
R217D	UA	Background	07/26/2023	D13	Calcium, total	mg/L	532	--	--	--
R217D	UA	Background	01/24/2024	D14	Calcium, total	mg/L	538	--	--	--
R217D	UA	Background	07/02/2024	D15	Calcium, total	mg/L	540	--	--	--
R217D	UA	Background	07/26/2023	D13	Chloride, total	mg/L	119	--	--	--
R217D	UA	Background	01/24/2024	D14	Chloride, total	mg/L	108	--	--	--
R217D	UA	Background	07/02/2024	D15	Chloride, total	mg/L	119	--	--	--
R217D	UA	Background	07/26/2023	D13	Fluoride, total	mg/L	0.260	--	--	--
R217D	UA	Background	01/24/2024	D14	Fluoride, total	mg/L	0.310	--	--	--
R217D	UA	Background	07/02/2024	D15	Fluoride, total	mg/L	0.260	--	--	--
R217D	UA	Background	07/26/2023	D13	pH (field)	SU	6.4	--	--	--
R217D	UA	Background	01/24/2024	D14	pH (field)	SU	6.4	--	--	--
R217D	UA	Background	07/02/2024	D15	pH (field)	SU	6.4	--	--	--
R217D	UA	Background	07/26/2023	D13	Sulfate, total	mg/L	2,030	--	--	--
R217D	UA	Background	01/24/2024	D14	Sulfate, total	mg/L	2,070	--	--	--
R217D	UA	Background	07/02/2024	D15	Sulfate, total	mg/L	2,170	--	--	--
R217D	UA	Background	07/26/2023	D13	Total Dissolved Solids	mg/L	3,620	--	--	--
R217D	UA	Background	01/24/2024	D14	Total Dissolved Solids	mg/L	3,580	--	--	--
R217D	UA	Background	07/02/2024	D15	Total Dissolved Solids	mg/L	3,920	--	--	--
G06D	UA	Compliance	10/11/2023	D13R	Boron, total	mg/L	0.200	0.200	0.317	No Exceedance
G06D	UA	Compliance	01/25/2024	D14	Boron, total	mg/L	0.179	0.179	0.317	No Exceedance
G06D	UA	Compliance	07/10/2024	D15	Boron, total	mg/L	0.175	0.175	0.317	No Exceedance
G06D	UA	Compliance	10/11/2023	D13R	Calcium, total	mg/L	117	117	750	No Exceedance
G06D	UA	Compliance	01/25/2024	D14	Calcium, total	mg/L	112	112	750	No Exceedance
G06D	UA	Compliance	07/10/2024	D15	Calcium, total	mg/L	116	116	750	No Exceedance
G06D	UA	Compliance	10/11/2023	D13R	Chloride, total	mg/L	50.0	50.0	310	No Exceedance
G06D	UA	Compliance	01/25/2024	D14	Chloride, total	mg/L	51.0	51.0	310	No Exceedance
G06D	UA	Compliance	07/10/2024	D15	Chloride, total	mg/L	55.0	55.0	310	No Exceedance
G06D	UA	Compliance	10/11/2023	D13R	Fluoride, total	mg/L	0.920	0.920	1.48	No Exceedance
G06D	UA	Compliance	01/25/2024	D14	Fluoride, total	mg/L	1.00	1.00	1.48	No Exceedance
G06D	UA	Compliance	07/10/2024	D15	Fluoride, total	mg/L	0.960	0.960	1.48	No Exceedance
G06D	UA	Compliance	10/11/2023	D13R	pH (field)	SU	7.2	7.2	6.6/7.7	No Exceedance
G06D	UA	Compliance	01/25/2024	D14	pH (field)	SU	6.9	6.9	6.6/7.7	No Exceedance
G06D	UA	Compliance	07/10/2024	D15	pH (field)	SU	7.0	7.0	6.6/7.7	No Exceedance
G06D	UA	Compliance	10/11/2023	D13R	Sulfate, total	mg/L	11.0	11.0	2,200	No Exceedance

TABLE 2
ANALYTICAL RESULTS - APPENDIX III PARAMETERS
2024 40 C.F.R. § 257 ANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT
NEWTON POWER PLANT
LANDFILL 2
NEWTON, IL

Well ID	HSU	Well Type	Date	Event ID	Parameter	Unit	Result	Comparison Value	Background	SSI Type
G06D	UA	Compliance	01/25/2024	D14	Sulfate, total	mg/L	11.0	11.0	2,200	No Exceedance
G06D	UA	Compliance	07/10/2024	D15	Sulfate, total	mg/L	15 J-	20	2,200	No Exceedance
G06D	UA	Compliance	10/11/2023	D13R	Total Dissolved Solids	mg/L	840	840	4,100	No Exceedance
G06D	UA	Compliance	01/25/2024	D14	Total Dissolved Solids	mg/L	810	810	4,100	No Exceedance
G06D	UA	Compliance	07/10/2024	D15	Total Dissolved Solids	mg/L	856	856	4,100	No Exceedance
G202	UA	Compliance	10/11/2023	D13R	Boron, total	mg/L	0.113	0.113	0.317	No Exceedance
G202	UA	Compliance	01/17/2024	D14	Boron, total	mg/L	0.170	0.170	0.317	No Exceedance
G202	UA	Compliance	07/09/2024	D15	Boron, total	mg/L	0.114	0.114	0.317	No Exceedance
G202	UA	Compliance	10/11/2023	D13R	Calcium, total	mg/L	123	123	750	No Exceedance
G202	UA	Compliance	01/17/2024	D14	Calcium, total	mg/L	120	120	750	No Exceedance
G202	UA	Compliance	07/09/2024	D15	Calcium, total	mg/L	123	123	750	No Exceedance
G202	UA	Compliance	10/11/2023	D13R	Chloride, total	mg/L	55.0	55.0	310	No Exceedance
G202	UA	Compliance	01/17/2024	D14	Chloride, total	mg/L	60.0	60.0	310	No Exceedance
G202	UA	Compliance	07/09/2024	D15	Chloride, total	mg/L	64.0	64.0	310	No Exceedance
G202	UA	Compliance	10/11/2023	D13R	Fluoride, total	mg/L	0.540	0.540	1.48	No Exceedance
G202	UA	Compliance	01/17/2024	D14	Fluoride, total	mg/L	0.530	0.530	1.48	No Exceedance
G202	UA	Compliance	07/09/2024	D15	Fluoride, total	mg/L	0.560	0.560	1.48	No Exceedance
G202	UA	Compliance	10/11/2023	D13R	pH (field)	SU	7.3	7.3	6.6/7.7	No Exceedance
G202	UA	Compliance	01/17/2024	D14	pH (field)	SU	7.6	7.6	6.6/7.7	No Exceedance
G202	UA	Compliance	07/09/2024	D15	pH (field)	SU	7.3	7.3	6.6/7.7	No Exceedance
G202	UA	Compliance	10/11/2023	D13R	Sulfate, total	mg/L	109	109	2,200	No Exceedance
G202	UA	Compliance	01/17/2024	D14	Sulfate, total	mg/L	88.0	88.0	2,200	No Exceedance
G202	UA	Compliance	07/09/2024	D15	Sulfate, total	mg/L	125	125	2,200	No Exceedance
G202	UA	Compliance	10/11/2023	D13R	Total Dissolved Solids	mg/L	754	754	4,100	No Exceedance
G202	UA	Compliance	01/17/2024	D14	Total Dissolved Solids	mg/L	655	655	4,100	No Exceedance
G202	UA	Compliance	07/09/2024	D15	Total Dissolved Solids	mg/L	770	770	4,100	No Exceedance
G203	UA	Compliance	08/01/2023	D13	Boron, total	mg/L	0.0984	0.0984	0.317	No Exceedance
G203	UA	Compliance	01/17/2024	D14	Boron, total	mg/L	0.0847	0.0847	0.317	No Exceedance
G203	UA	Compliance	07/09/2024	D15	Boron, total	mg/L	0.0867	0.0867	0.317	No Exceedance
G203	UA	Compliance	08/01/2023	D13	Calcium, total	mg/L	171	171	750	No Exceedance
G203	UA	Compliance	01/17/2024	D14	Calcium, total	mg/L	120	120	750	No Exceedance
G203	UA	Compliance	07/09/2024	D15	Calcium, total	mg/L	127	127	750	No Exceedance
G203	UA	Compliance	08/01/2023	D13	Chloride, total	mg/L	41.0	41.0	310	No Exceedance
G203	UA	Compliance	01/17/2024	D14	Chloride, total	mg/L	51.0	51.0	310	No Exceedance
G203	UA	Compliance	07/09/2024	D15	Chloride, total	mg/L	56.0	56.0	310	No Exceedance
G203	UA	Compliance	08/01/2023	D13	Fluoride, total	mg/L	0.420	0.420	1.48	No Exceedance
G203	UA	Compliance	01/17/2024	D14	Fluoride, total	mg/L	0.410	0.410	1.48	No Exceedance
G203	UA	Compliance	07/09/2024	D15	Fluoride, total	mg/L	0.400	0.400	1.48	No Exceedance
G203	UA	Compliance	08/01/2023	D13	pH (field)	SU	7.3	7.3	6.6/7.7	No Exceedance
G203	UA	Compliance	01/17/2024	D14	pH (field)	SU	7.3	7.3	6.6/7.7	No Exceedance
G203	UA	Compliance	07/09/2024	D15	pH (field)	SU	7.2	7.2	6.6/7.7	No Exceedance
G203	UA	Compliance	08/01/2023	D13	Sulfate, total	mg/L	353	353	2,200	No Exceedance
G203	UA	Compliance	01/17/2024	D14	Sulfate, total	mg/L	132	132	2,200	No Exceedance
G203	UA	Compliance	07/09/2024	D15	Sulfate, total	mg/L	123	123	2,200	No Exceedance
G203	UA	Compliance	08/01/2023	D13	Total Dissolved Solids	mg/L	985	985	4,100	No Exceedance
G203	UA	Compliance	01/17/2024	D14	Total Dissolved Solids	mg/L	685	685	4,100	No Exceedance

TABLE 2
ANALYTICAL RESULTS - APPENDIX III PARAMETERS
2024 40 C.F.R. § 257 ANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT
NEWTON POWER PLANT
LANDFILL 2
NEWTON, IL

Well ID	HSU	Well Type	Date	Event ID	Parameter	Unit	Result	Comparison Value	Background	SSI Type
G203	UA	Compliance	07/09/2024	D15	Total Dissolved Solids	mg/L	746	746	4,100	No Exceedance
G230	UA	Compliance	10/11/2023	D13R	Boron, total	mg/L	0.173	0.173	0.317	No Exceedance
G230	UA	Compliance	01/18/2024	D14	Boron, total	mg/L	0.127	0.127	0.317	No Exceedance
G230	UA	Compliance	07/02/2024	D15	Boron, total	mg/L	0.159	0.159	0.317	No Exceedance
G230	UA	Compliance	10/11/2023	D13R	Calcium, total	mg/L	205	205	750	No Exceedance
G230	UA	Compliance	01/18/2024	D14	Calcium, total	mg/L	157	157	750	No Exceedance
G230	UA	Compliance	07/02/2024	D15	Calcium, total	mg/L	142	142	750	No Exceedance
G230	UA	Compliance	10/11/2023	D13R	Chloride, total	mg/L	66.0	66.0	310	No Exceedance
G230	UA	Compliance	01/18/2024	D14	Chloride, total	mg/L	74.0	74.0	310	No Exceedance
G230	UA	Compliance	07/02/2024	D15	Chloride, total	mg/L	65.0	65.0	310	No Exceedance
G230	UA	Compliance	10/11/2023	D13R	Fluoride, total	mg/L	0.510	0.510	1.48	No Exceedance
G230	UA	Compliance	01/18/2024	D14	Fluoride, total	mg/L	0.560	0.560	1.48	No Exceedance
G230	UA	Compliance	07/02/2024	D15	Fluoride, total	mg/L	0.540	0.540	1.48	No Exceedance
G230	UA	Compliance	10/11/2023	D13R	pH (field)	SU	7.2	7.2	6.6/7.7	No Exceedance
G230	UA	Compliance	01/18/2024	D14	pH (field)	SU	7.0	7.0	6.6/7.7	No Exceedance
G230	UA	Compliance	07/02/2024	D15	pH (field)	SU	7.3	7.3	6.6/7.7	No Exceedance
G230	UA	Compliance	10/11/2023	D13R	Sulfate, total	mg/L	275	275	2,200	No Exceedance
G230	UA	Compliance	01/18/2024	D14	Sulfate, total	mg/L	403	403	2,200	No Exceedance
G230	UA	Compliance	07/02/2024	D15	Sulfate, total	mg/L	249	249	2,200	No Exceedance
G230	UA	Compliance	10/11/2023	D13R	Total Dissolved Solids	mg/L	1,010	1,010	4,100	No Exceedance
G230	UA	Compliance	01/18/2024	D14	Total Dissolved Solids	mg/L	1,090	1,090	4,100	No Exceedance
G230	UA	Compliance	07/02/2024	D15	Total Dissolved Solids	mg/L	955	955	4,100	No Exceedance
G231	UA	Compliance	08/16/2023	D13	Boron, total	mg/L	0.0906	0.0906	0.317	No Exceedance
G231	UA	Compliance	01/18/2024	D14	Boron, total	mg/L	0.0991	0.0991	0.317	No Exceedance
G231	UA	Compliance	07/10/2024	D15	Boron, total	mg/L	0.0953	0.0953	0.317	No Exceedance
G231	UA	Compliance	08/16/2023	D13	Calcium, total	mg/L	115	115	750	No Exceedance
G231	UA	Compliance	01/18/2024	D14	Calcium, total	mg/L	123	123	750	No Exceedance
G231	UA	Compliance	07/10/2024	D15	Calcium, total	mg/L	135	135	750	No Exceedance
G231	UA	Compliance	08/16/2023	D13	Chloride, total	mg/L	54.0	54.0	310	No Exceedance
G231	UA	Compliance	01/18/2024	D14	Chloride, total	mg/L	63.0	63.0	310	No Exceedance
G231	UA	Compliance	07/10/2024	D15	Chloride, total	mg/L	60.0	60.0	310	No Exceedance
G231	UA	Compliance	08/16/2023	D13	Fluoride, total	mg/L	0.440	0.440	1.48	No Exceedance
G231	UA	Compliance	01/18/2024	D14	Fluoride, total	mg/L	0.490	0.490	1.48	No Exceedance
G231	UA	Compliance	07/10/2024	D15	Fluoride, total	mg/L	0.420	0.420	1.48	No Exceedance
G231	UA	Compliance	08/16/2023	D13	pH (field)	SU	7.4	7.4	6.6/7.7	No Exceedance
G231	UA	Compliance	01/18/2024	D14	pH (field)	SU	7.3	7.3	6.6/7.7	No Exceedance
G231	UA	Compliance	07/10/2024	D15	pH (field)	SU	7.4	7.4	6.6/7.7	No Exceedance
G231	UA	Compliance	08/16/2023	D13	Sulfate, total	mg/L	110	110	2,200	No Exceedance
G231	UA	Compliance	01/18/2024	D14	Sulfate, total	mg/L	221	221	2,200	No Exceedance
G231	UA	Compliance	07/10/2024	D15	Sulfate, total	mg/L	141	141	2,200	No Exceedance
G231	UA	Compliance	08/16/2023	D13	Total Dissolved Solids	mg/L	695	695	4,100	No Exceedance
G231	UA	Compliance	01/18/2024	D14	Total Dissolved Solids	mg/L	740	740	4,100	No Exceedance
G231	UA	Compliance	07/10/2024	D15	Total Dissolved Solids	mg/L	844	844	4,100	No Exceedance
G232	UA	Compliance	08/16/2023	D13	Boron, total	mg/L	0.0934	0.0934	0.317	No Exceedance
G232	UA	Compliance	01/18/2024	D14	Boron, total	mg/L	0.116	0.116	0.317	No Exceedance
G232	UA	Compliance	07/09/2024	D15	Boron, total	mg/L	0.107	0.107	0.317	No Exceedance

TABLE 2
ANALYTICAL RESULTS - APPENDIX III PARAMETERS
2024 40 C.F.R. § 257 ANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT
NEWTON POWER PLANT
LANDFILL 2
NEWTON, IL

Well ID	HSU	Well Type	Date	Event ID	Parameter	Unit	Result	Comparison Value	Background	SSI Type
G232	UA	Compliance	08/16/2023	D13	Calcium, total	mg/L	122	122	750	No Exceedance
G232	UA	Compliance	01/18/2024	D14	Calcium, total	mg/L	132	132	750	No Exceedance
G232	UA	Compliance	07/09/2024	D15	Calcium, total	mg/L	115	115	750	No Exceedance
G232	UA	Compliance	08/16/2023	D13	Chloride, total	mg/L	48.0	48.0	310	No Exceedance
G232	UA	Compliance	01/18/2024	D14	Chloride, total	mg/L	60.0	60.0	310	No Exceedance
G232	UA	Compliance	07/09/2024	D15	Chloride, total	mg/L	54.0	54.0	310	No Exceedance
G232	UA	Compliance	08/16/2023	D13	Fluoride, total	mg/L	0.440	0.440	1.48	No Exceedance
G232	UA	Compliance	01/18/2024	D14	Fluoride, total	mg/L	0.510	0.510	1.48	No Exceedance
G232	UA	Compliance	07/09/2024	D15	Fluoride, total	mg/L	0.420	0.420	1.48	No Exceedance
G232	UA	Compliance	08/16/2023	D13	pH (field)	SU	7.4	7.4	6.6/7.7	No Exceedance
G232	UA	Compliance	01/18/2024	D14	pH (field)	SU	7.3	7.3	6.6/7.7	No Exceedance
G232	UA	Compliance	07/09/2024	D15	pH (field)	SU	7.2	7.2	6.6/7.7	No Exceedance
G232	UA	Compliance	08/16/2023	D13	Sulfate, total	mg/L	126	126	2,200	No Exceedance
G232	UA	Compliance	01/18/2024	D14	Sulfate, total	mg/L	298	298	2,200	No Exceedance
G232	UA	Compliance	07/09/2024	D15	Sulfate, total	mg/L	125	125	2,200	No Exceedance
G232	UA	Compliance	08/16/2023	D13	Total Dissolved Solids	mg/L	670	670	4,100	No Exceedance
G232	UA	Compliance	01/18/2024	D14	Total Dissolved Solids	mg/L	890	890	4,100	No Exceedance
G232	UA	Compliance	07/09/2024	D15	Total Dissolved Solids	mg/L	722	722	4,100	No Exceedance
G233	UA	Compliance	07/25/2023	D13	Boron, total	mg/L	0.0868	0.0868	0.317	No Exceedance
G233	UA	Compliance	01/18/2024	D14	Boron, total	mg/L	0.123	0.123	0.317	No Exceedance
G233	UA	Compliance	07/09/2024	D15	Boron, total	mg/L	0.133	0.133	0.317	No Exceedance
G233	UA	Compliance	07/25/2023	D13	Calcium, total	mg/L	111	111	750	No Exceedance
G233	UA	Compliance	01/18/2024	D14	Calcium, total	mg/L	154	154	750	No Exceedance
G233	UA	Compliance	07/09/2024	D15	Calcium, total	mg/L	141	141	750	No Exceedance
G233	UA	Compliance	07/25/2023	D13	Chloride, total	mg/L	40.0	40.0	310	No Exceedance
G233	UA	Compliance	01/18/2024	D14	Chloride, total	mg/L	53.0	53.0	310	No Exceedance
G233	UA	Compliance	07/09/2024	D15	Chloride, total	mg/L	53.0	53.0	310	No Exceedance
G233	UA	Compliance	07/25/2023	D13	Fluoride, total	mg/L	0.560	0.560	1.48	No Exceedance
G233	UA	Compliance	01/18/2024	D14	Fluoride, total	mg/L	0.460	0.460	1.48	No Exceedance
G233	UA	Compliance	07/09/2024	D15	Fluoride, total	mg/L	0.420	0.420	1.48	No Exceedance
G233	UA	Compliance	07/25/2023	D13	pH (field)	SU	7.0	7.0	6.6/7.7	No Exceedance
G233	UA	Compliance	01/18/2024	D14	pH (field)	SU	7.1	7.1	6.6/7.7	No Exceedance
G233	UA	Compliance	07/09/2024	D15	pH (field)	SU	7.1	7.1	6.6/7.7	No Exceedance
G233	UA	Compliance	07/25/2023	D13	Sulfate, total	mg/L	283	283	2,200	No Exceedance
G233	UA	Compliance	01/18/2024	D14	Sulfate, total	mg/L	392	392	2,200	No Exceedance
G233	UA	Compliance	07/09/2024	D15	Sulfate, total	mg/L	271	271	2,200	No Exceedance
G233	UA	Compliance	07/25/2023	D13	Total Dissolved Solids	mg/L	850	850	4,100	No Exceedance
G233	UA	Compliance	01/18/2024	D14	Total Dissolved Solids	mg/L	430	430	4,100	No Exceedance
G233	UA	Compliance	07/09/2024	D15	Total Dissolved Solids	mg/L	986	986	4,100	No Exceedance

TABLE 2
ANALYTICAL RESULTS - APPENDIX III PARAMETERS
2024 40 C.F.R. § 257 ANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT
NEWTON POWER PLANT
LANDFILL 2
NEWTON, 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:
D13 = Quarter 3, 2023 Detection Monitoring sampling event
D13R = Quarter 4, 2023 Detection Monitoring resampling event
D14 = Quarter 1, 2024 Detection Monitoring sampling event
D15 = Quarter 3, 2024 Detection Monitoring sampling event
HSU = hydrostratigraphic unit:
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.
SU = Standard Units

Generated 2024-12-09 08:12 by banoffra

TABLE 3
STATISTICAL BACKGROUND VALUES
2024 40 C.F.R. § 257 ANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT
NEWTON POWER PLANT
LANDFILL 2
NEWTON, IL

Parameter	Date Range	Sample Count	Percent Non-Detects	Statistical Calculation	Statistical Background Value (LPL/UPL)
Boron (mg/L)	02/19/2019 - 08/17/2022	70	0	Parametric UPL	0.317
Calcium (mg/L)	02/19/2019 - 08/17/2022	66	0	Non-Parametric UPL	750
Chloride (mg/L)	02/19/2019 - 08/17/2022	69	0	Non-Parametric UPL	310
Fluoride (mg/L)	02/19/2019 - 08/17/2022	71	3	Parametric UPL	1.48
pH (field) (SU)	02/19/2019 - 08/17/2022	75	0	Parametric LPL/UPL	6.6/7.7
Sulfate (mg/L)	02/19/2019 - 08/17/2022	65	8	Non-Parametric UPL	2,200
Total Dissolved Solids (mg/L)	02/19/2019 - 08/17/2022	68	0	Non-Parametric UPL	4,100

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

Generated 2024-11-14 14:26:36.149285 by banoffra

FIGURES



COMPLIANCE MONITORING WELL
BACKGROUND MONITORING WELL
REGULATED UNIT (SUBJECT UNIT)
SITE FEATURE

0 250 500
Feet

MONITORING WELL LOCATION MAP

2024 ANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT
LANDFILL 2
NEWTON POWER PLANT
NEWTON, ILLINOIS

FIGURE 1

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.

RAMBOLL

Y:\Mapping\Projects\22\22285\MXD\GMP\Newton\LF_502\Figure 2-2. NEW LF Updated MW Location Map.mxd
PROJECT: 169000XXXX | DATED: 2/2/2023 | DESIGNER: galarmmc



- COMPLIANCE MONITORING WELL
- BACKGROUND MONITORING WELL
- MONITORING WELL
- PORE WATER WELL
- STAFF GAGE, CCR UNIT
- STAFF GAGE, LAKE
- LEACHATE WELL
- GROUNDWATER ELEVATION CONTOUR (5-FT CONTOUR INTERVAL, NAVD88)
- INFERRED GROUNDWATER ELEVATION CONTOUR
- GROUNDWATER FLOW DIRECTION
- REGULATED UNIT (SUBJECT UNIT)
- SITE FEATURE

NOTES:
1.ELEVATIONS IN PARENTHESES WERE NOT USED FOR CONTOURING.
2. ELEVATIONS IN BRACKETS WERE OBTAINED OUTSIDE OF THE 24 HOUR PERIOD FROM INITIATION OF DEPTH TO GROUNDWATER MEASUREMENTS BUT WITHIN THE SAME SAMPLING EVENT.
3. ELEVATION CONTOURS SHOWN IN FEET, NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88)

0 400 800
Feet

POTENTIOMETRIC SURFACE MAP JANUARY 15, 2024

2024 ANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT
LANDFILL 2
NEWTON POWER PLANT
NEWTON, ILLINOIS

FIGURE 2

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.

RAMBOLL

PROJECT: 1690000XXXX | DATED: 3/29/2024 | DESIGNER: GALARNMC

Y:\Mapping\Projects\2022285\MXD\GW_Contours\Round_2024\Newton\LF_502\LF_502.aprx\NEW 502 LF Pot Surface 20240115



- COMPLIANCE MONITORING WELL
- BACKGROUND MONITORING WELL
- MONITORING WELL
- PORE WATER WELL
- STAFF GAGE, CCR UNIT
- STAFF GAGE, LAKE
- LEACHATE WELL
- GROUNDWATER ELEVATION CONTOUR (5-FT CONTOUR INTERVAL, NAVD88)
- INFERRED GROUNDWATER ELEVATION CONTOUR
- GROUNDWATER FLOW DIRECTION
- REGULATED UNIT (SUBJECT UNIT)
- SITE FEATURE

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

0 400 800 Feet

POTENTIOMETRIC SURFACE MAP JULY 1, 2024

2024 ANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT
LANDFILL 2
NEWTON POWER PLANT
NEWTON, ILLINOIS

FIGURE 3

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.

RAMBOLL

Y:\Mapping\Projects\2212285\MXD\GW_Contours\Round_2024\Newton\LF_502\LF_502.aprx\NEW 502 LF Pot Surface 20240701

PROJECT: 169000XXXX | DATED: 10/31/2024 | DESIGNER: GALARNMC

APPENDICES

APPENDIX A
LABORATORY REPORTS AND FIELD DATA SHEETS

Teklab, Inc.
Environmental Laboratory

http://www.teklabinc.com/

February 20, 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: NEW-24Q1 **WorkOrder:** 24010247

Dear Eric Bauer:

TEKLAB, INC received 22 samples for NEW_257_502 on 1/26/2024 1:00:00 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: 24010247
Client Project: NEW-24Q1
Report Date: 20-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	26
Quality Control Results	27
Receiving Check List	106
Chain of Custody	Appended

Definitions

Client: Ramboll **Work Order:** 24010247

Client Project: NEW-24Q1 **Report Date:** 20-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:** 24010247

Client Project: NEW-24Q1 **Report Date:** 20-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

Teklab, Inc. Environmental Laboratory

Case Narrative

Client: Ramboll
Work Order: 24010247
Client Project: NEW-24Q1
Report Date: 20-Feb-24

Cooler Receipt Temp: 5.1 °C

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

G048MG was not accessible for sample collection. EAH 1/26/24

Date/times of collection for depth, only, wells are per SAR depth forms. EAH 1/29/24

G208 could not be collected. The pump is inoperable and got stuck in the well when the team attempted to collect with a submersible pump. Ramboll and Vistra were notified by the field team. FB/EAH 1/29/24

L301 could not be collected. The air/discharge lines appear to be damaged; the pump would not draw sample volume. No alternative sampling method is available for this location. FB/EAH 1/29/24

G203 and G230 collection times will be reported per the field file(s) rather than per the chain of custody markings. EAH 2/7/24

Per Eric Bauer's request, only NEW_257_502 data is included in this report. EAH 2/20/24

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:** 24010247

Client Project: NEW-24Q1 **Report Date:** 20-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

Laboratory Results

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

Client: Ramboll **Work Order:** 24010247

Client Project: NEW-24Q1 **Report Date:** 20-Feb-24

Lab ID: 24010247-023 **Client Sample ID:** G006D

Matrix: GROUNDWATER **Collection Date:** 01/25/2024 10:00

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**30.00**	ft	1	01/25/2024 10:00	R342563
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**120**	NTU	1	01/25/2024 10:00	R342563
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		**131**	mV	1	01/25/2024 10:00	R342563
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**1260**	µS/cm	1	01/25/2024 10:00	R342563
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**10.7**	°C	1	01/25/2024 10:00	R342563
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**1.46**	mg/L	1	01/25/2024 10:00	R342563
SW-846 9040B FIELD									
pH	*	0	1.00		**6.94**		1	01/25/2024 10:00	R342563
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**806**	mg/L	1	01/29/2024 11:53	R342348
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	01/29/2024 11:53	R342348
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	40	50		**810**	mg/L	2.5	01/29/2024 11:08	R342377
SW-846 9036 (TOTAL)									
Sulfate	NELAP	6	10		**11**	mg/L	1	01/30/2024 13:03	R342402
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**1.00**	mg/L	1	01/30/2024 12:51	R342388
SW-846 9251 (TOTAL)									
Chloride	NELAP	5	40		**51**	mg/L	10	01/29/2024 14:28	R342343
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.035	0.100		**112**	mg/L	1	01/26/2024 16:38	217877
Magnesium	NELAP	0.006	0.050		**48.6**	mg/L	1	01/26/2024 16:38	217877
Potassium	NELAP	0.040	0.100		**3.19**	mg/L	1	01/26/2024 16:38	217877
Sodium	NELAP	0.020	0.050		**148**	mg/L	1	01/26/2024 16:38	217877
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Boron	NELAP	9.2	25.0		**179**	µg/L	5	02/01/2024 2:16	217877

Laboratory Results

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

Client: Ramboll **Work Order:** 24010247

Client Project: NEW-24Q1 **Report Date:** 20-Feb-24

Lab ID: 24010247-048 **Client Sample ID:** G201

Matrix: GROUNDWATER **Collection Date:** 01/25/2024 11:59

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	01/25/2024 11:59	R342563
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**13**	NTU	1	01/25/2024 11:59	R342563
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		**-70**	mV	1	01/25/2024 11:59	R342563
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**1000**	µS/cm	1	01/25/2024 11:59	R342563
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**12.2**	°C	1	01/25/2024 11:59	R342563
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**2.14**	mg/L	1	01/25/2024 11:59	R342563
SW-846 9040B FIELD									
pH	*	0	1.00		**7.27**		1	01/25/2024 11:59	R342563
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**266**	mg/L	1	01/29/2024 12:01	R342348
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	01/29/2024 12:01	R342348
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	80	100		**960**	mg/L	5	01/29/2024 10:36	R342377
SW-846 9036 (TOTAL)									
Sulfate	NELAP	123	200		**444**	mg/L	20	01/29/2024 16:20	R342339
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**0.81**	mg/L	1	01/30/2024 12:26	R342388
SW-846 9251 (TOTAL)									
Chloride	NELAP	1	4		**7**	mg/L	1	01/29/2024 16:15	R342343
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.035	0.100		**198**	mg/L	1	01/26/2024 16:39	217877
Magnesium	NELAP	0.006	0.050		**25.7**	mg/L	1	01/26/2024 16:39	217877
Potassium	NELAP	0.040	0.100		**4.30**	mg/L	1	01/26/2024 16:39	217877
Sodium	NELAP	0.020	0.050		**94.6**	mg/L	1	01/26/2024 16:39	217877
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Boron	NELAP	9.2	25.0		**135**	µg/L	5	02/01/2024 2:22	217877

Laboratory Results

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

Client: Ramboll **Work Order:** 24010247

Client Project: NEW-24Q1 **Report Date:** 20-Feb-24

Lab ID: 24010247-049 **Client Sample ID:** G202

Matrix: GROUNDWATER **Collection Date:** 01/17/2024 10:07

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**48.79**	ft	1	01/17/2024 10:07	R342563
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**13**	NTU	1	01/17/2024 10:07	R342563
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		**137**	mV	1	01/17/2024 10:07	R342563
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**1120**	µS/cm	1	01/17/2024 10:07	R342563
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**6.9**	°C	1	01/17/2024 10:07	R342563
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**4.58**	mg/L	1	01/17/2024 10:07	R342563
SW-846 9040B FIELD									
pH	*	0	1.00		**7.58**		1	01/17/2024 10:07	R342563
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**483**	mg/L	1	01/17/2024 14:48	R341909
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	01/17/2024 14:48	R341909
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	40	50		**655**	mg/L	2.5	01/18/2024 9:14	R342029
SW-846 9036 (TOTAL)									
Sulfate	NELAP	31	50		**88**	mg/L	5	01/18/2024 16:48	R341983
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**0.53**	mg/L	1	01/18/2024 12:04	R341950
SW-846 9251 (TOTAL)									
Chloride	NELAP	2	20		**60**	mg/L	5	01/18/2024 16:49	R341985
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.035	0.100		**120**	mg/L	1	01/18/2024 11:46	217484
Magnesium	NELAP	0.006	0.050		**45.3**	mg/L	1	01/18/2024 11:46	217484
Potassium	NELAP	0.040	0.100		**1.97**	mg/L	1	01/18/2024 11:46	217484
Sodium	NELAP	0.018	0.050		**97.3**	mg/L	1	01/18/2024 11:46	217484
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Boron	NELAP	9.2	25.0		**170**	µg/L	5	01/23/2024 15:25	217484

Laboratory Results

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

Client: Ramboll **Work Order:** 24010247

Client Project: NEW-24Q1 **Report Date:** 20-Feb-24

Lab ID: 24010247-050 **Client Sample ID:** G203

Matrix: GROUNDWATER **Collection Date:** 01/17/2024 11:24

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**42.25**	ft	1	01/17/2024 11:23	R342563
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**68**	NTU	1	01/17/2024 11:23	R342563
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		**-7**	mV	1	01/17/2024 11:23	R342563
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**1120**	µS/cm	1	01/17/2024 11:23	R342563
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**11.5**	°C	1	01/17/2024 11:23	R342563
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**0.83**	mg/L	1	01/17/2024 11:23	R342563
SW-846 9040B FIELD									
pH	*	0	1.00		**7.27**		1	01/17/2024 11:23	R342563
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**478**	mg/L	1	01/18/2024 15:00	R341986
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	01/18/2024 15:00	R341986
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	40	50		**685**	mg/L	2.5	01/18/2024 13:57	R342029
SW-846 9036 (TOTAL)									
Sulfate	NELAP	61	100		**132**	mg/L	10	01/19/2024 12:10	R342020
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**0.41**	mg/L	1	01/19/2024 10:45	R342001
SW-846 9251 (TOTAL)									
Chloride	NELAP	5	40		**51**	mg/L	10	01/19/2024 12:10	R342023
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.035	0.100		**120**	mg/L	1	01/19/2024 12:43	217566
Magnesium	NELAP	0.006	0.050		**43.9**	mg/L	1	01/19/2024 12:43	217566
Potassium	NELAP	0.040	0.100		**1.89**	mg/L	1	01/19/2024 12:43	217566
Sodium	NELAP	0.018	0.050		**76.9**	mg/L	1	01/19/2024 12:43	217566
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Boron	NELAP	9.2	25.0		**84.7**	µg/L	5	01/24/2024 20:00	217566

Laboratory Results

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

Client: Ramboll **Work Order:** 24010247

Client Project: NEW-24Q1 **Report Date:** 20-Feb-24

Lab ID: 24010247-054 **Client Sample ID:** G220

Matrix: GROUNDWATER **Collection Date:** 01/18/2024 14:22

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**18.62**	ft	1	01/18/2024 14:22	R342563
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**39**	NTU	1	01/18/2024 14:22	R342563
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		**26**	mV	1	01/18/2024 14:22	R342563
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**1020**	µS/cm	1	01/18/2024 14:22	R342563
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**13.9**	°C	1	01/18/2024 14:22	R342563
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**1.64**	mg/L	1	01/18/2024 14:22	R342563
SW-846 9040B FIELD									
pH	*	0	1.00		**6.88**		1	01/18/2024 14:22	R342563
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**666**	mg/L	1	01/19/2024 15:56	R342036
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	01/19/2024 15:56	R342036
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		**726**	mg/L	1	01/23/2024 11:03	R342154
SW-846 9036 (TOTAL)									
Sulfate	NELAP	6	10		**10**	mg/L	1	01/23/2024 13:48	R342116
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**1.58**	mg/L	1	01/22/2024 9:46	R342042
SW-846 9251 (TOTAL)									
Chloride	NELAP	1	4		**41**	mg/L	1	01/23/2024 13:48	R342118
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.035	0.100		**94.0**	mg/L	1	01/24/2024 9:21	217595
Magnesium	NELAP	0.006	0.050		**39.2**	mg/L	1	01/24/2024 9:21	217595
Potassium	NELAP	0.040	0.100		**2.77**	mg/L	1	01/24/2024 9:21	217595
Sodium	NELAP	0.018	0.050		**137**	mg/L	1	01/24/2024 9:21	217595
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Boron	NELAP	9.2	25.0		**230**	µg/L	5	01/24/2024 20:48	217595

Laboratory Results

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

Client: Ramboll **Work Order:** 24010247

Client Project: NEW-24Q1 **Report Date:** 20-Feb-24

Lab ID: 24010247-056 **Client Sample ID:** G222

Matrix: GROUNDWATER **Collection Date:** 01/17/2024 13:33

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**18.19**	ft	1	01/17/2024 13:33	R342563
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**5.8**	NTU	1	01/17/2024 13:33	R342563
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		**-20**	mV	1	01/17/2024 13:33	R342563
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**1650**	µS/cm	1	01/17/2024 13:33	R342563
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**12.4**	°C	1	01/17/2024 13:33	R342563
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**1.94**	mg/L	1	01/17/2024 13:33	R342563
SW-846 9040B FIELD									
pH	*	0	1.00		**7.54**		1	01/17/2024 13:33	R342563
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**806**	mg/L	1	01/18/2024 15:06	R341986
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	01/18/2024 15:06	R341986
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	40	50		**1060**	mg/L	2.5	01/18/2024 13:58	R342029
SW-846 9036 (TOTAL)									
Sulfate	NELAP	31	50		**130**	mg/L	5	01/19/2024 12:49	R342020
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**1.20**	mg/L	1	01/19/2024 10:47	R342001
SW-846 9251 (TOTAL)									
Chloride	NELAP	2	20		**80**	mg/L	5	01/19/2024 12:50	R342023
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.035	0.100		**134**	mg/L	1	01/19/2024 12:45	217566
Magnesium	NELAP	0.006	0.050		**59.8**	mg/L	1	01/19/2024 12:45	217566
Potassium	NELAP	0.040	0.100		**3.03**	mg/L	1	01/19/2024 12:45	217566
Sodium	NELAP	0.018	0.050		**210**	mg/L	1	01/19/2024 12:45	217566
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Boron	NELAP	9.2	25.0		**238**	µg/L	5	01/29/2024 19:36	217566

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24010247

Client Project: NEW-24Q1 **Report Date:** 20-Feb-24

Lab ID: 24010247-057 **Client Sample ID:** G223

Matrix: GROUNDWATER **Collection Date:** 01/23/2024 13:59

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**35.65**	ft	1	01/23/2024 13:59	R342563
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**24**	NTU	1	01/23/2024 13:59	R342563
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		**122**	mV	1	01/23/2024 13:59	R342563
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**2870**	µS/cm	1	01/23/2024 13:59	R342563
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**13.1**	°C	1	01/23/2024 13:59	R342563
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**1.26**	mg/L	1	01/23/2024 13:59	R342563
SW-846 9040B FIELD									
pH	*	0	1.00		**6.86**		1	01/23/2024 13:59	R342563
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**896**	mg/L	1	01/24/2024 11:43	R342153
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	01/24/2024 11:43	R342153
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		**2570**	mg/L	1	01/24/2024 10:43	R342206
SW-846 9036 (TOTAL)									
Sulfate	NELAP	307	500		**832**	mg/L	50	01/24/2024 14:33	R342183
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**0.74**	mg/L	1	01/24/2024 13:23	R342128
SW-846 9251 (TOTAL)									
Chloride	NELAP	5	40		**339**	mg/L	10	01/24/2024 14:14	R342184
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.035	0.100		**363**	mg/L	1	01/25/2024 12:18	217740
Magnesium	NELAP	0.006	0.050		**156**	mg/L	1	01/25/2024 12:18	217740
Potassium	NELAP	0.040	0.100		**4.52**	mg/L	1	01/25/2024 12:18	217740
Sodium	NELAP	0.018	0.050		**336**	mg/L	1	01/25/2024 12:18	217740
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Boron	NELAP	9.2	25.0		**217**	µg/L	5	02/01/2024 2:00	217740

Laboratory Results

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

Client: Ramboll **Work Order:** 24010247

Client Project: NEW-24Q1 **Report Date:** 20-Feb-24

Lab ID: 24010247-058 **Client Sample ID:** G224

Matrix: GROUNDWATER **Collection Date:** 01/23/2024 14:49

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**43.41**	ft	1	01/23/2024 14:49	R342563
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**61**	NTU	1	01/23/2024 14:49	R342563
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		**108**	mV	1	01/23/2024 14:49	R342563
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**960**	µS/cm	1	01/23/2024 14:49	R342563
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**12.4**	°C	1	01/23/2024 14:49	R342563
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**1.17**	mg/L	1	01/23/2024 14:49	R342563
SW-846 9040B FIELD									
pH	*	0	1.00		**7.31**		1	01/23/2024 14:49	R342563
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**485**	mg/L	1	01/24/2024 11:51	R342153
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	01/24/2024 11:51	R342153
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		**754**	mg/L	1	01/24/2024 10:43	R342206
SW-846 9036 (TOTAL)									
Sulfate	NELAP	61	100		**147**	mg/L	10	01/24/2024 14:40	R342183
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**0.39**	mg/L	1	01/24/2024 13:34	R342128
SW-846 9251 (TOTAL)									
Chloride	NELAP	1	4		**50**	mg/L	1	01/24/2024 14:35	R342184
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.035	0.100		**136**	mg/L	1	01/25/2024 12:20	217740
Magnesium	NELAP	0.006	0.050		**52.3**	mg/L	1	01/25/2024 12:20	217740
Potassium	NELAP	0.040	0.100		**2.07**	mg/L	1	01/25/2024 12:20	217740
Sodium	NELAP	0.018	0.050		**76.0**	mg/L	1	01/25/2024 12:20	217740
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Boron	NELAP	9.2	25.0		**101**	µg/L	5	02/01/2024 2:05	217740

Laboratory Results

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

Client: Ramboll **Work Order:** 24010247

Client Project: NEW-24Q1 **Report Date:** 20-Feb-24

Lab ID: 24010247-060 **Client Sample ID:** G230

Matrix: GROUNDWATER **Collection Date:** 01/18/2024 11:00

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**49.79**	ft	1	01/18/2024 11:01	R342563
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**47**	NTU	1	01/18/2024 11:00	R342563
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		**138**	mV	1	01/18/2024 11:00	R342563
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**1480**	µS/cm	1	01/18/2024 11:00	R342563
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**12.9**	°C	1	01/18/2024 11:00	R342563
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**1.43**	mg/L	1	01/18/2024 11:00	R342563
SW-846 9040B FIELD									
pH	*	0	1.00		**7.03**		1	01/18/2024 11:00	R342563
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**510**	mg/L	1	01/19/2024 16:03	R342036
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	01/19/2024 16:03	R342036
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	40	50		**1090**	mg/L	2.5	01/22/2024 9:50	R342098
SW-846 9036 (TOTAL)									
Sulfate	NELAP	123	200		**403**	mg/L	20	01/24/2024 11:31	R342183
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**0.56**	mg/L	1	01/22/2024 9:48	R342042
SW-846 9251 (TOTAL)									
Chloride	NELAP	1	8		**74**	mg/L	2	01/23/2024 13:54	R342118
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.035	0.100		**157**	mg/L	1	01/24/2024 9:36	217595
Magnesium	NELAP	0.006	0.050		**64.8**	mg/L	1	01/24/2024 9:36	217595
Potassium	NELAP	0.040	0.100		**6.93**	mg/L	1	01/24/2024 9:36	217595
Sodium	NELAP	0.018	0.050		**137**	mg/L	1	01/24/2024 9:36	217595
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Boron	NELAP	9.2	25.0		**127**	µg/L	5	01/24/2024 20:54	217595

Laboratory Results

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

Client: Ramboll **Work Order:** 24010247

Client Project: NEW-24Q1 **Report Date:** 20-Feb-24

Lab ID: 24010247-061 **Client Sample ID:** G231

Matrix: GROUNDWATER **Collection Date:** 01/18/2024 11:26

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**48.16**	ft	1	01/18/2024 11:26	R342563
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**34**	NTU	1	01/18/2024 11:26	R342563
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		**129**	mV	1	01/18/2024 11:26	R342563
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**1090**	µS/cm	1	01/18/2024 11:26	R342563
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**12.1**	°C	1	01/18/2024 11:26	R342563
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**2.21**	mg/L	1	01/18/2024 11:26	R342563
SW-846 9040B FIELD									
pH	*	0	1.00		**7.31**		1	01/18/2024 11:26	R342563
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**474**	mg/L	1	01/19/2024 16:09	R342036
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	01/19/2024 16:09	R342036
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	40	50		**740**	mg/L	2.5	01/22/2024 9:50	R342098
SW-846 9036 (TOTAL)									
Sulfate	NELAP	61	100		**221**	mg/L	10	01/23/2024 14:36	R342116
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**0.49**	mg/L	1	01/22/2024 9:49	R342042
SW-846 9251 (TOTAL)									
Chloride	NELAP	1	8		**63**	mg/L	2	01/23/2024 14:31	R342118
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.035	0.100		**123**	mg/L	1	01/24/2024 9:37	217595
Magnesium	NELAP	0.006	0.050		**48.2**	mg/L	1	01/24/2024 9:37	217595
Potassium	NELAP	0.040	0.100		**4.17**	mg/L	1	01/24/2024 9:37	217595
Sodium	NELAP	0.018	0.050		**113**	mg/L	1	01/24/2024 9:37	217595
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Boron	NELAP	9.2	25.0		**99.1**	µg/L	5	01/24/2024 21:00	217595

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24010247

Client Project: NEW-24Q1 **Report Date:** 20-Feb-24

Lab ID: 24010247-062 **Client Sample ID:** G232

Matrix: GROUNDWATER **Collection Date:** 01/18/2024 11:57

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**36.50**	ft	1	01/18/2024 11:57	R342563
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**38**	NTU	1	01/18/2024 11:57	R342563
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		**87**	mV	1	01/18/2024 11:57	R342563
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**1250**	µS/cm	1	01/18/2024 11:57	R342563
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**12.6**	°C	1	01/18/2024 11:57	R342563
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**1.45**	mg/L	1	01/18/2024 11:57	R342563
SW-846 9040B FIELD									
pH	*	0	1.00		**7.26**		1	01/18/2024 11:57	R342563
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**477**	mg/L	1	01/19/2024 16:15	R342036
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	01/19/2024 16:15	R342036
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	40	50		**890**	mg/L	2.5	01/22/2024 9:50	R342098
SW-846 9036 (TOTAL)									
Sulfate	NELAP	61	100		**298**	mg/L	10	01/23/2024 14:44	R342116
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**0.51**	mg/L	1	01/22/2024 9:51	R342042
SW-846 9251 (TOTAL)									
Chloride	NELAP	1	8		**60**	mg/L	2	01/23/2024 14:39	R342118
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.035	0.100		**132**	mg/L	1	01/24/2024 9:38	217595
Magnesium	NELAP	0.006	0.050		**49.8**	mg/L	1	01/24/2024 9:38	217595
Potassium	NELAP	0.040	0.100		**3.94**	mg/L	1	01/24/2024 9:38	217595
Sodium	NELAP	0.018	0.050		**112**	mg/L	1	01/24/2024 9:38	217595
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Boron	NELAP	9.2	25.0		**116**	µg/L	5	01/24/2024 21:06	217595

Laboratory Results

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

Client: Ramboll **Work Order:** 24010247

Client Project: NEW-24Q1 **Report Date:** 20-Feb-24

Lab ID: 24010247-063 **Client Sample ID:** G233

Matrix: GROUNDWATER **Collection Date:** 01/18/2024 12:32

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**42.33**	ft	1	01/18/2024 12:32	R342563
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**14**	NTU	1	01/18/2024 12:32	R342563
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		**88**	mV	1	01/18/2024 12:32	R342563
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**1380**	µS/cm	1	01/18/2024 12:32	R342563
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**11.5**	°C	1	01/18/2024 12:32	R342563
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**1.27**	mg/L	1	01/18/2024 12:32	R342563
SW-846 9040B FIELD									
pH	*	0	1.00		**7.07**		1	01/18/2024 12:32	R342563
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**518**	mg/L	1	01/19/2024 16:22	R342036
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	01/19/2024 16:22	R342036
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	40	50		**430**	mg/L	2.5	01/22/2024 9:51	R342098
SW-846 9036 (TOTAL)									
Sulfate	NELAP	61	100		**392**	mg/L	10	01/23/2024 14:52	R342116
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**0.46**	mg/L	1	01/22/2024 9:58	R342042
SW-846 9251 (TOTAL)									
Chloride	NELAP	1	8		**53**	mg/L	2	01/23/2024 14:47	R342118
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.035	0.100		**154**	mg/L	1	01/24/2024 9:38	217595
Magnesium	NELAP	0.006	0.050		**61.0**	mg/L	1	01/24/2024 9:38	217595
Potassium	NELAP	0.040	0.100		**3.25**	mg/L	1	01/24/2024 9:38	217595
Sodium	NELAP	0.018	0.050		**108**	mg/L	1	01/24/2024 9:38	217595
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Boron	NELAP	9.2	25.0		**123**	µg/L	5	01/24/2024 21:12	217595

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24010247

Client Project: NEW-24Q1 **Report Date:** 20-Feb-24

Lab ID: 24010247-065 **Client Sample ID:** L1R-leachate

Matrix: LEACHATE **Collection Date:** 01/26/2024 10:10

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**55.23**	ft	1	01/26/2024 10:10	R342563
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**150**	NTU	1	01/26/2024 10:10	R342563
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		**6**	mV	1	01/26/2024 10:10	R342563
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**37700**	µS/cm	1	01/26/2024 10:10	R342563
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**16.4**	°C	1	01/26/2024 10:10	R342563
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**3.93**	mg/L	1	01/26/2024 10:10	R342563
SW-846 9040B FIELD									
pH	*	0	1.00		**10.9**		1	01/26/2024 10:10	R342563
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**82**	mg/L	1	01/29/2024 12:05	R342348
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**626**	mg/L	1	01/29/2024 12:05	R342348
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	320	400		**47800**	mg/L	20	01/30/2024 11:17	R342436
SW-846 9036 (TOTAL)									
Sulfate	NELAP	3070	5000		**21600**	mg/L	500	01/30/2024 17:54	R342402
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.37	1.00		**1.28**	mg/L	10	02/02/2024 9:13	R342565
SW-846 9251 (TOTAL)									
Chloride	NELAP	250	2000		**9070**	mg/L	500	01/30/2024 17:54	R342407
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	3.50	10.0		**721**	mg/L	100	01/30/2024 10:38	217908
Magnesium	NELAP	0.110	1.00		**7.30**	mg/L	20	01/30/2024 10:45	217908
Potassium	NELAP	20.0	50.0		**1840**	mg/L	500	01/30/2024 10:52	217908
Sodium	NELAP	0.900	2.50	B	**15400**	mg/L	50	01/30/2024 10:40	217908
Sample result(s) for Na exceed 10 times the method blank contamination. Data is reportable per the TNI Standard.									
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Boron	NELAP	37.0	100		**11900**	µg/L	20	02/02/2024 18:37	217908

Laboratory Results

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

Client: Ramboll **Work Order:** 24010247

Client Project: NEW-24Q1 **Report Date:** 20-Feb-24

Lab ID: 24010247-092 **Client Sample ID:** R217D

Matrix: GROUNDWATER **Collection Date:** 01/24/2024 11:55

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**19.35**	ft	1	01/24/2024 11:55	R342563
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**24**	NTU	1	01/24/2024 11:55	R342563
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		**160**	mV	1	01/24/2024 11:55	R342563
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**3080**	µS/cm	1	01/24/2024 11:55	R342563
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**12.9**	°C	1	01/24/2024 11:55	R342563
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**0.91**	mg/L	1	01/24/2024 11:55	R342563
SW-846 9040B FIELD									
pH	*	0	1.00		**6.41**		1	01/24/2024 11:55	R342563
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**550**	mg/L	1	01/25/2024 9:19	R342204
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	01/25/2024 9:19	R342204
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	40	50		**3580**	mg/L	2.5	01/25/2024 11:10	R342265
SW-846 9036 (TOTAL)									
Sulfate	NELAP	614	1000		**2070**	mg/L	100	01/25/2024 14:21	R342249
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**0.31**	mg/L	1	01/25/2024 11:11	R342170
SW-846 9251 (TOTAL)									
Chloride	NELAP	5	40		**108**	mg/L	10	01/25/2024 14:16	R342251
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.035	0.100	S	**538**	mg/L	1	01/26/2024 10:26	217822
Magnesium	NELAP	0.006	0.050	S	**279**	mg/L	1	01/26/2024 10:26	217822
Potassium	NELAP	0.040	0.100		**6.27**	mg/L	1	01/26/2024 10:26	217822
Sodium	NELAP	0.018	0.050	S	**170**	mg/L	1	01/26/2024 10:26	217822
Matrix spike control limits are not applicable due to high sample/spike ratio.									
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Boron	NELAP	9.2	25.0		**182**	µg/L	5	01/31/2024 18:14	217822

Laboratory Results

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

Client: Ramboll **Work Order:** 24010247

Client Project: NEW-24Q1 **Report Date:** 20-Feb-24

Lab ID: 24010247-100 **Client Sample ID:** Field Blank

Matrix: AQUEOUS **Collection Date:** 01/26/2024 10:15

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	01/29/2024 12:13	R342348
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	01/29/2024 12:13	R342348
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		**< 20**	mg/L	1	01/29/2024 11:08	R342377
SW-846 9036 (TOTAL)									
Sulfate	NELAP	6	10		**< 10**	mg/L	1	01/30/2024 13:36	R342402
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**< 0.10**	mg/L	1	01/30/2024 12:55	R342388
SW-846 9251 (TOTAL)									
Chloride	NELAP	1	4		**< 4**	mg/L	1	01/30/2024 13:35	R342407
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.035	0.100		**< 0.100**	mg/L	1	01/29/2024 17:37	217908
Magnesium	NELAP	0.006	0.050		**< 0.050**	mg/L	1	01/29/2024 17:37	217908
Potassium	NELAP	0.040	0.100		**< 0.100**	mg/L	1	01/29/2024 17:37	217908
Sodium	NELAP	0.018	0.050	BJ	**0.043**	mg/L	1	01/29/2024 17:37	217908
Contamination present in the MBLK for Na. Sample results below the reporting limit are reportable per the TNI Standard.									
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Boron	NELAP	9.2	25.0		**< 25.0**	µg/L	5	02/05/2024 15:14	217908
Contamination present in the MBLK. Sample results below the reporting limit are reportable per the TNI Standard.									

Laboratory Results

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

Client: Ramboll **Work Order:** 24010247

Client Project: NEW-24Q1 **Report Date:** 20-Feb-24

Lab ID: 24010247-103 **Client Sample ID:** G006D Duplicate

Matrix: GROUNDWATER **Collection Date:** 01/25/2024 10:00

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**30.00**	ft	1	01/25/2024 10:00	R342563
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**120**	NTU	1	01/25/2024 10:00	R342563
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		**131**	mV	1	01/25/2024 10:00	R342563
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**1260**	µS/cm	1	01/25/2024 10:00	R342563
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**10.7**	°C	1	01/25/2024 10:00	R342563
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**1.46**	mg/L	1	01/25/2024 10:00	R342563
SW-846 9040B FIELD									
pH	*	0	1.00		**6.94**		1	01/25/2024 10:00	R342563
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**804**	mg/L	1	01/29/2024 12:16	R342348
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	01/29/2024 12:16	R342348
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	40	50		**775**	mg/L	2.5	01/29/2024 11:08	R342377
SW-846 9036 (TOTAL)									
Sulfate	NELAP	6	10		**10**	mg/L	1	01/30/2024 13:57	R342402
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**0.91**	mg/L	1	01/30/2024 12:36	R342388
SW-846 9251 (TOTAL)									
Chloride	NELAP	5	40		**53**	mg/L	10	01/30/2024 13:59	R342407
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.035	0.100		**111**	mg/L	1	01/26/2024 16:41	217877
Magnesium	NELAP	0.006	0.050		**48.5**	mg/L	1	01/26/2024 16:41	217877
Potassium	NELAP	0.040	0.100		**3.11**	mg/L	1	01/26/2024 16:41	217877
Sodium	NELAP	0.020	0.050		**145**	mg/L	1	01/26/2024 16:41	217877
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Boron	NELAP	9.2	25.0		**173**	µg/L	5	02/01/2024 2:28	217877

Laboratory Results

Client: Ramboll **Work Order:** 24010247

Client Project: NEW-24Q1 **Report Date:** 20-Feb-24

Lab ID: 24010247-105 **Client Sample ID:** Equipment Blank 1

Matrix: AQUEOUS **Collection Date:** 01/23/2024 15:21

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		**3**	mg/L	1	01/24/2024 11:57	R342153
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	01/24/2024 11:57	R342153
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		**< 20**	mg/L	1	01/24/2024 10:53	R342206
SW-846 9036 (TOTAL)									
Sulfate	NELAP	6	10		**< 10**	mg/L	1	01/24/2024 14:43	R342183
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**< 0.10**	mg/L	1	01/24/2024 13:35	R342128
SW-846 9251 (TOTAL)									
Chloride	NELAP	1	4		**< 4**	mg/L	1	01/24/2024 14:44	R342184
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.035	0.10	J	**0.089**	mg/L	1	01/25/2024 12:23	217740
Magnesium	NELAP	0.006	0.050	J	**0.024**	mg/L	1	01/25/2024 12:23	217740
Potassium	NELAP	0.040	0.100		**< 0.100**	mg/L	1	01/25/2024 12:23	217740
Sodium	NELAP	0.018	0.050	J	**0.022**	mg/L	1	01/25/2024 12:23	217740
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Boron	NELAP	9.2	25.0		**< 25.0**	µg/L	5	02/01/2024 2:11	217740

Laboratory Results

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

Client: Ramboll
Work Order: 24010247
Client Project: NEW-24Q1
Report Date: 20-Feb-24
Lab ID: 24010247-106
Client Sample ID: Equipment Blank 2
Matrix: AQUEOUS
Collection Date: 01/24/2024 14:51

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	01/25/2024 9:25	R342204
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	01/25/2024 9:25	R342204
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		**< 20**	mg/L	1	01/25/2024 11:10	R342265
SW-846 9036 (TOTAL)									
Sulfate	NELAP	6	10		**< 10**	mg/L	1	01/25/2024 14:24	R342249
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**< 0.10**	mg/L	1	01/25/2024 11:13	R342170
SW-846 9251 (TOTAL)									
Chloride	NELAP	1	4		**< 4**	mg/L	1	01/25/2024 14:24	R342251
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.035	0.10	J	**0.059**	mg/L	1	01/26/2024 9:44	217822
Magnesium	NELAP	0.006	0.050	J	**0.025**	mg/L	1	01/26/2024 9:44	217822
Potassium	NELAP	0.040	0.100		**< 0.100**	mg/L	1	01/26/2024 9:44	217822
Sodium	NELAP	0.018	0.050		**0.066**	mg/L	1	01/26/2024 9:44	217822
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Boron	NELAP	9.2	25.0		**< 25.0**	µg/L	5	01/31/2024 19:01	217822

Laboratory Results

Client: Ramboll **Work Order:** 24010247

Client Project: NEW-24Q1 **Report Date:** 20-Feb-24

Lab ID: 24010247-107 **Client Sample ID:** Equipment Blank 3

Matrix: AQUEOUS **Collection Date:** 01/26/2024 10:20

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		**5**	mg/L	1	01/29/2024 12:25	R342348
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	01/29/2024 12:25	R342348
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20	J	**16**	mg/L	1	01/29/2024 11:09	R342377
SW-846 9036 (TOTAL)									
Sulfate	NELAP	6	10	J	**8**	mg/L	1	01/30/2024 14:26	R342402
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**< 0.10**	mg/L	1	01/30/2024 12:58	R342388
SW-846 9251 (TOTAL)									
Chloride	NELAP	1	4	J	**2**	mg/L	1	01/30/2024 14:26	R342407
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.035	0.10	J	**0.040**	mg/L	1	01/29/2024 17:32	217908
Magnesium	NELAP	0.006	0.050	J	**0.009**	mg/L	1	01/29/2024 17:32	217908
Potassium	NELAP	0.040	0.100		**< 0.100**	mg/L	1	01/29/2024 17:32	217908
Sodium	NELAP	0.018	0.050	BJ	**0.025**	mg/L	1	01/29/2024 17:32	217908
Contamination present in the MBLK for Na. Sample results below the reporting limit are reportable per the TNI Standard.									
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Boron	NELAP	9.2	25.0		**< 25.0**	µg/L	5	02/01/2024 20:08	217908
Contamination present in the MBLK. Sample results below the reporting limit are reportable per the TNI Standard.									

Sample Summary

Client: Ramboll
Client Project: NEW-24Q1

Work Order: 24010247
Report Date: 20-Feb-24

Lab Sample ID	Client Sample ID	Matrix	Fractions	Collection Date
24010247-023	G006D	Groundwater	2	01/25/2024 10:00
24010247-024	G048MG	Groundwater	2	
24010247-048	G201	Groundwater	2	01/25/2024 11:59
24010247-049	G202	Groundwater	2	01/17/2024 10:07
24010247-050	G203	Groundwater	2	01/17/2024 11:24
24010247-051	G208	Groundwater	2	
24010247-054	G220	Groundwater	2	01/18/2024 14:22
24010247-056	G222	Groundwater	2	01/17/2024 13:33
24010247-057	G223	Groundwater	2	01/23/2024 13:59
24010247-058	G224	Groundwater	2	01/23/2024 14:49
24010247-060	G230	Groundwater	3	01/18/2024 11:00
24010247-061	G231	Groundwater	6	01/18/2024 11:26
24010247-062	G232	Groundwater	6	01/18/2024 11:57
24010247-063	G233	Groundwater	6	01/18/2024 12:32
24010247-065	L1R-leachate	Leachate	2	01/26/2024 10:10
24010247-071	L301-leachate	Leachate	2	
24010247-092	R217D	Groundwater	6	01/24/2024 11:55
24010247-100	Field Blank	Aqueous	6	01/26/2024 10:15
24010247-103	G006D Duplicate	Groundwater	2	01/25/2024 10:00
24010247-105	Equipment Blank 1	Aqueous	6	01/23/2024 15:21
24010247-106	Equipment Blank 2	Aqueous	6	01/24/2024 14:51
24010247-107	Equipment Blank 3	Aqueous	6	01/26/2024 10:20

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24010247

Client Project: NEW-24Q1 **Report Date:** 20-Feb-24

STANDARD METHODS 2510 B FIELD

Batch R342563 **SampType:** LCS Units **µS/cm**
SampID: LCS-R342563-1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Spec. Conductance, Field	*	0		**1410**	1412	0	99.6	90	110	01/16/2024

Batch R342563 **SampType:** LCS Units **µS/cm**
SampID: LCS-R342563-10

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Spec. Conductance, Field	*	0		**1420**	1412	0	100.6	90	110	01/23/2024

Batch R342563 **SampType:** LCS Units **µS/cm**
SampID: LCS-R342563-11

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Spec. Conductance, Field	*	0		**1420**	1412	0	100.8	90	110	01/24/2024

Batch R342563 **SampType:** LCS Units **µS/cm**
SampID: LCS-R342563-12

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Spec. Conductance, Field	*	0		**1420**	1412	0	100.6	90	110	01/25/2024

Batch R342563 **SampType:** LCS Units **µS/cm**
SampID: LCS-R342563-13

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Spec. Conductance, Field	*	0		**1420**	1412	0	100.8	90	110	01/26/2024

Batch R342563 **SampType:** LCS Units **µS/cm**
SampID: LCS-R342563-2

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	01/17/2024

Batch R342563 **SampType:** LCS Units **µS/cm**
SampID: LCS-R342563-3

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	01/18/2024

Batch R342563 **SampType:** LCS Units **µS/cm**
SampID: LCS-R342563-4

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	01/23/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24010247

Client Project: NEW-24Q1 **Report Date:** 20-Feb-24

STANDARD METHODS 2510 B FIELD

Batch R342563 **SampType:** LCS Units **µS/cm**
SampID: LCS-R342563-5

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Spec. Conductance, Field	*	0		**1410**	1412	0	99.9	90	110	01/24/2024

Batch R342563 **SampType:** LCS Units **µS/cm**
SampID: LCS-R342563-6

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Spec. Conductance, Field	*	0		**1420**	1412	0	100.6	90	110	01/25/2024

Batch R342563 **SampType:** LCS Units **µS/cm**
SampID: LCS-R342563-7

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Spec. Conductance, Field	*	0		**1420**	1412	0	100.5	90	110	01/16/2024

Batch R342563 **SampType:** LCS Units **µS/cm**
SampID: LCS-R342563-8

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Spec. Conductance, Field	*	0		**1420**	1412	0	100.6	90	110	01/17/2024

Batch R342563 **SampType:** LCS Units **µS/cm**
SampID: LCS-R342563-9

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Spec. Conductance, Field	*	0		**1400**	1412	0	99.0	90	110	01/18/2024

SW-846 9040B FIELD

Batch R342563 **SampType:** LCS Units
SampID: LCS-R342563-1

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	01/16/2024

Batch R342563 **SampType:** LCS Units
SampID: LCS-R342563-10

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
pH	*	1.00		**7.03**	7.000	0	100.4	98.57	101.4	01/23/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24010247

Client Project: NEW-24Q1 **Report Date:** 20-Feb-24

SW-846 9040B FIELD

Batch R342563 **SampType:** LCS Units

SampID: LCS-R342563-11

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
pH	*	1.00		**7.03**	7.000	0	100.4	98.57	101.4	01/24/2024

Batch R342563 **SampType:** LCS Units

SampID: LCS-R342563-12

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	01/25/2024

Batch R342563 **SampType:** LCS Units

SampID: LCS-R342563-13

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
pH	*	1.00		**7.01**	7.000	0	100.1	98.57	101.4	01/26/2024

Batch R342563 **SampType:** LCS Units

SampID: LCS-R342563-2

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	01/17/2024

Batch R342563 **SampType:** LCS Units

SampID: LCS-R342563-3

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	01/18/2024

Batch R342563 **SampType:** LCS Units

SampID: LCS-R342563-4

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	01/23/2024

Batch R342563 **SampType:** LCS Units

SampID: LCS-R342563-5

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
pH	*	1.00		**7.10**	7.000	0	101.4	98.57	101.4	01/24/2024

Batch R342563 **SampType:** LCS Units

SampID: LCS-R342563-6

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	01/25/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24010247

Client Project: NEW-24Q1 **Report Date:** 20-Feb-24

SW-846 9040B FIELD

Batch R342563 **SampType:** LCS Units

SampID: LCS-R342563-7

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
pH	*	1.00		**7.01**	7.000	0	100.1	98.57	101.4	01/16/2024

Batch R342563 **SampType:** LCS Units

SampID: LCS-R342563-8

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
pH	*	1.00		**7.01**	7.000	0	100.1	98.57	101.4	01/17/2024

Batch R342563 **SampType:** LCS Units

SampID: LCS-R342563-9

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	01/18/2024

EPA 600 350.1 (DISSOLVED)

Batch R342034 **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, Ammonia (as N)		0.10		**< 0.10**	0.0270	0	0	-100	100	01/22/2024

Batch R342034 **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, Ammonia (as N)		0.10		**1.02**	1.000	0	102.4	90	110	01/22/2024

Batch R342034 **SampType:** MS Units **mg/L**

SampID: 24010247-062FMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Ammonia (as N)		1.00		**24.1**	20.00	4.909	96.2	90	110	01/22/2024

Batch R342034 **SampType:** MSD Units **mg/L** RPD Limit **10**

SampID: 24010247-062FMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Ammonia (as N)		1.00		**24.1**	20.00	4.909	96.2	24.15	0.00	01/22/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24010247

Client Project: NEW-24Q1 **Report Date:** 20-Feb-24

EPA 600 350.1 (DISSOLVED)

Batch R342034 **SampType:** MS Units **mg/L**
SampID: 24011294-001CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Ammonia (as N)		0.20	S	**4.13**	4.000	1.119	75.2	90	110	01/22/2024

Batch R342034 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24011294-001CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Ammonia (as N)		0.20	S	**4.11**	4.000	1.119	74.7	4.127	0.49	01/22/2024

Batch R342034 **SampType:** MS Units **mg/L**
SampID: 24011300-007BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Ammonia (as N)		0.10		**1.95**	2.000	0	97.4	90	110	01/22/2024

Batch R342034 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24011300-007BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Ammonia (as N)		0.10		**1.97**	2.000	0	98.4	1.949	1.02	01/22/2024

Batch R342034 **SampType:** MS Units **mg/L**
SampID: 24011334-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Ammonia (as N)		0.10		**1.96**	2.000	0	98.2	90	110	01/22/2024

Batch R342034 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24011334-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Ammonia (as N)		0.10		**1.96**	2.000	0	98.1	1.964	0.10	01/22/2024

Batch R342034 **SampType:** MS Units **mg/L**
SampID: 24011359-011EMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Ammonia (as N)		0.10		**1.87**	2.000	0.06500	90.2	90	110	01/22/2024

Batch R342034 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24011359-011EMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Ammonia (as N)		0.10		**1.92**	2.000	0.06500	92.6	1.870	2.43	01/22/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24010247

Client Project: NEW-24Q1 **Report Date:** 20-Feb-24

EPA 600 350.1 (DISSOLVED)

Batch R342157 **SampType:** MS Units **mg/L**
SampID: 24010247-059EMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Ammonia (as N)		0.10		**1.96**	2.000	0.07300	94.4	90	110	01/24/2024

Batch R342157 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24010247-059EMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Ammonia (as N)		0.10		**1.97**	2.000	0.07300	94.6	1.960	0.31	01/24/2024

Batch R342284 **SampType:** MS Units **mg/L**
SampID: 24010247-036EMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Ammonia (as N)		0.10		**1.92**	2.000	0	96.2	90	110	01/26/2024

Batch R342284 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24010247-036EMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Ammonia (as N)		0.10		**1.94**	2.000	0	96.8	1.925	0.57	01/26/2024

Batch R342284 **SampType:** MS Units **mg/L**
SampID: 24010247-044EMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Ammonia (as N)		0.10		**1.93**	2.000	0	96.7	90	110	01/26/2024

Batch R342284 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24010247-044EMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Ammonia (as N)		0.10		**1.91**	2.000	0	95.5	1.934	1.25	01/26/2024

Batch R342284 **SampType:** MS Units **mg/L**
SampID: 24010247-092FMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Ammonia (as N)		0.10	E	**6.39**	2.000	4.567	91.0	90	110	01/26/2024

Batch R342284 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24010247-092FMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Ammonia (as N)		0.10	E	**6.42**	2.000	4.567	92.8	6.386	0.59	01/26/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24010247

Client Project: NEW-24Q1 **Report Date:** 20-Feb-24

EPA 600 350.1 (DISSOLVED)

Batch R342356 **SampType:** MS Units **mg/L**
SampID: 24011768-001CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Ammonia (as N)		0.10		**1.93**	2.000	0	96.4	90	110	01/29/2024

Batch R342356 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24011768-001CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Ammonia (as N)		0.10		**1.92**	2.000	0	96.2	1.929	0.26	01/29/2024

Batch R342356 **SampType:** MS Units **mg/L**
SampID: 24011814-001EMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Ammonia (as N)		0.10		**1.87**	2.000	0	93.6	90	110	01/29/2024

Batch R342356 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24011814-001EMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Ammonia (as N)		0.10		**1.89**	2.000	0	94.6	1.872	1.01	01/29/2024

STANDARD METHODS 2540 C (TOTAL) 1997, 2011

Batch R342029 **SampType:** MBLK Units **mg/L**
SampID: MBLK

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Total Dissolved Solids		20		**< 20**	16.00	0	0	-100	100	01/18/2024

Batch R342029 **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	01/18/2024

Batch R342029 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 24010247-016ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		20		**1640**				1666	1.33	01/18/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24010247

Client Project: NEW-24Q1 **Report Date:** 20-Feb-24

STANDARD METHODS 2540 C (TOTAL) 1997, 2011

Batch R342029 **SampType:** DUP Units **mg/L** RPD Limit **10**

SampID: 24011105-004ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		20		**132**				132.0	0.00	01/18/2024

Batch R342053 **SampType:** MBLK Units **mg/L**

SampID: MBLK

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Total Dissolved Solids		20		**< 20**	16.00	0	0	-100	100	01/19/2024

Batch R342053 **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		**926**	1000	0	92.6	90	110	01/19/2024

Batch R342053 **SampType:** DUP Units **mg/L** RPD Limit **10**

SampID: 24011270-002BDUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		20		**3270**				3190	2.42	01/19/2024

Batch R342098 **SampType:** MBLK Units **mg/L**

SampID: MBLK

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Total Dissolved Solids		20		**< 20**	16.00	0	0	-100	100	01/22/2024
Total Dissolved Solids		20		**< 20**	16.00	0	0	-100	100	01/22/2024

Batch R342098 **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		**918**	1000	0	91.8	90	110	01/22/2024
Total Dissolved Solids		20		**940**	1000	0	94.0	90	110	01/22/2024

Batch R342098 **SampType:** DUP Units **mg/L** RPD Limit **10**

SampID: 24011359-013BDUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		50		**740**				720.0	2.74	01/22/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24010247

Client Project: NEW-24Q1 **Report Date:** 20-Feb-24

STANDARD METHODS 2540 C (TOTAL) 1997, 2011

Batch R342154 **SampType:** MBLK Units **mg/L**
SampID: MBLK

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Total Dissolved Solids		20		**< 20**	16.00	0	0	-100	100	01/23/2024

Batch R342154 **SampType:** LCS Units **mg/L**
SampID: LCS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Total Dissolved Solids		20		**958**	1000	0	95.8	90	110	01/23/2024

Batch R342154 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 24010247-005ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		50		**5000**				5310	5.91	01/23/2024

Batch R342206 **SampType:** MBLK Units **mg/L**
SampID: MBLK

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Total Dissolved Solids		20		**< 20**	16.00	0	0	-100	100	01/24/2024

Batch R342206 **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	01/24/2024

Batch R342206 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 24010247-059ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		20		**830**				804.0	3.18	01/24/2024

Batch R342265 **SampType:** MBLK Units **mg/L**
SampID: MBLK

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Total Dissolved Solids		20		**< 20**	16.00	0	0	-100	100	01/25/2024

Batch R342265 **SampType:** LCS Units **mg/L**
SampID: LCS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Total Dissolved Solids		20		**942**	1000	0	94.2	90	110	01/25/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24010247

Client Project: NEW-24Q1 **Report Date:** 20-Feb-24

STANDARD METHODS 2540 C (TOTAL) 1997, 2011

Batch R342265 **SampType:** DUP Units **mg/L** RPD Limit **10**

SampID: 24010247-002ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		20		**2130**				2124	0.28	01/25/2024

Batch R342316 **SampType:** MBLK Units **mg/L**

SampID: MBLK

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Total Dissolved Solids		20		**< 20**	16.00	0	0	-100	100	01/26/2024

Batch R342316 **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	01/26/2024

Batch R342377 **SampType:** MBLK Units **mg/L**

SampID: MBLK

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Total Dissolved Solids		20		**< 20**	16.00	0	0	-100	100	01/29/2024
Total Dissolved Solids		20		**< 20**	16.00	0	0	-100	100	01/29/2024

Batch R342377 **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	01/29/2024

Batch R342377 **SampType:** DUP Units **mg/L** RPD Limit **10**

SampID: 24010247-025ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		20		**924**				910.0	1.53	01/29/2024

Batch R342436 **SampType:** MBLK Units **mg/L**

SampID: MBLK

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Total Dissolved Solids		20		**< 20**	16.00	0	0	-100	100	01/30/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24010247

Client Project: NEW-24Q1 **Report Date:** 20-Feb-24

STANDARD METHODS 2540 C (TOTAL) 1997, 2011

Batch R342436 **SampType:** LCS Units **mg/L**
SampID: LCS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Total Dissolved Solids		20		**960**	1000	0	96.0	90	110	01/30/2024

Batch R342512 **SampType:** MBLK Units **mg/L**
SampID: MBLK

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Total Dissolved Solids		20		**< 20**	16.00	0	0	-100	100	01/31/2024

Batch R342512 **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		**966**	1000	0	96.6	90	110	01/31/2024

Batch R342697 **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	02/05/2024

Batch R342697 **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	02/05/2024

Batch R342697 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 24020177-003BDUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		20		**752**				762.0	1.32	02/05/2024

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

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24010247

Client Project: NEW-24Q1 **Report Date:** 20-Feb-24

STANDARD METHODS 2540 C (TOTAL) 1997, 2011

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

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

Batch R341969 **SampType:** MBLK Units **mg/L**
SampID: MBLK

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**< 0.05**	0.0250	0	0	-100	100	01/18/2024
Nitrogen, Nitrite (as N)		0.05		**< 0.05**	0.0250	0	0	-100	100	01/18/2024

Batch R341969 **SampType:** LCS Units **mg/L**
SampID: LCS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.32**	0.3045	0	103.8	90	110	01/18/2024
Nitrogen, Nitrite (as N)		0.05		**0.32**	0.3045	0	104.4	90	110	01/18/2024

Batch R341969 **SampType:** MS Units **mg/L**
SampID: 24011236-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		0.25		**3.18**	2.500	0.3650	112.6	85	115	01/18/2024

Batch R341969 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24011236-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrite (as N)		0.25		**3.18**	2.500	0.3650	112.6	3.180	0.00	01/18/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll
Work Order: 24010247
Client Project: NEW-24Q1
Report Date: 20-Feb-24

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

Batch R341969 **SampType:** MS Units **mg/L**
SampID: 24011262-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.45**	0.5000	0	89.6	85	115	01/18/2024

Batch R341969 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24011262-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.45**	0.5000	0	89.2	0.4480	0.45	01/18/2024

Batch R342028 **SampType:** MBLK Units **mg/L**
SampID: MBLK

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**< 0.05**	0.0250	0	0	-100	100	01/19/2024

Batch R342028 **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	01/19/2024

Batch R342028 **SampType:** MS Units **mg/L**
SampID: 24010247-060BMS

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	106.0	85	115	01/19/2024

Batch R342028 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24010247-060BMSD

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	109.2	0.5300	2.97	01/19/2024

Batch R342028 **SampType:** MS Units **mg/L**
SampID: 24010247-061BMS

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	0.01500	108.2	85	115	01/19/2024

Batch R342028 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24010247-061BMSD

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	0.01500	109.6	0.5560	1.25	01/19/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24010247

Client Project: NEW-24Q1 **Report Date:** 20-Feb-24

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

Batch R342028 **SampType:** MS Units **mg/L**
SampID: 24011359-001AMS

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	0.01000	104.8	85	115	01/19/2024

Batch R342028 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24011359-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.58**	0.5000	0.01000	113.6	0.5340	7.91	01/19/2024

Batch R342176 **SampType:** MBLK Units **mg/L**
SampID: MBLK

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**< 0.05**	0.0250	0	0	-100	100	01/24/2024
Nitrogen, Nitrite (as N)		0.05		**< 0.05**	0.0250	0	0	-100	100	01/24/2024

Batch R342176 **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	99.8	90	110	01/24/2024
Nitrogen, Nitrite (as N)		0.05		**0.30**	0.3045	0	99.8	90	110	01/24/2024

Batch R342176 **SampType:** MS Units **mg/L**
SampID: 24011540-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		0.25		**2.26**	2.500	0	90.2	85	115	01/24/2024

Batch R342176 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24011540-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrite (as N)		0.25		**2.24**	2.500	0	89.6	2.255	0.67	01/24/2024

Batch R342176 **SampType:** MS Units **mg/L**
SampID: 24011541-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		0.25	E	**3.70**	2.500	1.195	100.4	85	115	01/24/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24010247

Client Project: NEW-24Q1 **Report Date:** 20-Feb-24

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

Batch R342176 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24011541-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrite (as N)		0.25	E	**3.74**	2.500	1.195	102.0	3.705	1.07	01/24/2024

Batch R342233 **SampType:** MS Units **mg/L**
SampID: 24010247-002BMS

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	0.009000	97.2	85	115	01/25/2024

Batch R342233 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24010247-002BMSD

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	0.009000	97.4	0.4950	0.20	01/25/2024

Batch R342233 **SampType:** MS Units **mg/L**
SampID: 24010247-003BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.63**	0.5000	0.1360	99.4	85	115	01/25/2024

Batch R342233 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24010247-003BMSD

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	0.1360	98.8	0.6330	0.48	01/25/2024

Batch R342273 **SampType:** MBLK Units **mg/L**
SampID: MBLK

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**< 0.05**	0.0250	0	0	-100	100	01/26/2024

Batch R342273 **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	01/26/2024

Batch R342273 **SampType:** MS Units **mg/L**
SampID: 24010247-093BMS

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	94.6	85	115	01/26/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24010247

Client Project: NEW-24Q1 **Report Date:** 20-Feb-24

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

Batch R342273 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24010247-093BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.47**	0.5000	0	94.2	0.4730	0.42	01/26/2024

Batch R342395 **SampType:** MBLK Units **mg/L**
SampID: MBLK

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**< 0.05**	0.0250	0	0	-100	100	01/30/2024

Batch R342395 **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	01/30/2024

Batch R342395 **SampType:** MS Units **mg/L**
SampID: 24010247-025BMS

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	102.2	85	115	01/30/2024

Batch R342395 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24010247-025BMSD

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	102.0	0.5110	0.20	01/30/2024

Batch R342395 **SampType:** MS Units **mg/L**
SampID: 24011772-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		0.05	H	**0.53**	0.5000	0.008000	104.6	85	115	01/30/2024

Batch R342395 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24011772-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrite (as N)		0.05	H	**0.53**	0.5000	0.008000	104.2	0.5310	0.38	01/30/2024

Batch R342395 **SampType:** MS Units **mg/L**
SampID: 24011966-002BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		0.25	E	**5.48**	2.500	2.910	102.6	85	115	01/30/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24010247

Client Project: NEW-24Q1 **Report Date:** 20-Feb-24

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

Batch R342395 **SampType:** MSD Units **mg/L** RPD Limit **10**

SampID: 24011966-002BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrite (as N)		0.25	E	**5.48**	2.500	2.910	102.6	5.475	0.00	01/30/2024

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

Batch R342005 **SampType:** MBLK Units **mg/L**

SampID: ICB/MBLK

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate (as N)		0.050		**< 0.050**						01/18/2024
Nitrogen, Nitrate-Nitrite (as N)		0.050		**< 0.050**	0.0090	0	0	-100	100	01/18/2024

Batch R342005 **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		**0.521**	0.5000	0	104.2	90	110	01/18/2024

Batch R342005 **SampType:** MS Units **mg/L**

SampID: 24011082-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		1.00		**6.88**	5.000	1.941	98.9	90	110	01/18/2024

Batch R342005 **SampType:** MSD Units **mg/L** RPD Limit **10**

SampID: 24011082-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		1.00		**6.99**	5.000	1.941	100.9	6.885	1.48	01/18/2024

Batch R342005 **SampType:** MS Units **mg/L**

SampID: 24011254-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		1.00	E	**20.4**	5.000	15.37	100.1	90	110	01/18/2024

Batch R342005 **SampType:** MSD Units **mg/L** RPD Limit **10**

SampID: 24011254-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		1.00	E	**20.2**	5.000	15.37	95.8	20.37	1.06	01/18/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24010247

Client Project: NEW-24Q1 **Report Date:** 20-Feb-24

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

Batch R342081 **SampType:** MBLK Units **mg/L**
SampID: ICB/MBLK

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate (as N)		0.050		**< 0.050**						01/19/2024
Nitrogen, Nitrate-Nitrite (as N)		0.050		**< 0.050**	0.0090	0	0	-100	100	01/19/2024

Batch R342081 **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		**0.550**	0.5000	0	110.0	90	110	01/19/2024

Batch R342081 **SampType:** MS Units **mg/L**
SampID: 24010247-064BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		**0.260**	0.2500	0.01800	96.8	85	115	01/19/2024

Batch R342081 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24010247-064BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		**0.265**	0.2500	0.01800	98.8	0.2600	1.90	01/19/2024

Batch R342081 **SampType:** MS Units **mg/L**
SampID: 24011359-008BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		**0.252**	0.2500	0	100.8	85	115	01/19/2024

Batch R342081 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24011359-008BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		**0.254**	0.2500	0	101.6	0.2520	0.79	01/19/2024

Batch R342081 **SampType:** MS Units **mg/L**
SampID: 24011359-013BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050	H	**0.237**	0.2500	0	94.8	85	115	01/19/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll
Work Order: 24010247
Client Project: NEW-24Q1
Report Date: 20-Feb-24

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

Batch R342081 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24011359-013BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050	H	**0.245**	0.2500	0	98.0	0.2370	3.32	01/19/2024

Batch R342193 **SampType:** MBLK Units **mg/L**
SampID: ICB/MBLK

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate (as N)		0.050		**< 0.050**						01/24/2024
Nitrogen, Nitrate-Nitrite (as N)		0.050		**< 0.050**	0.0090	0	0	-100	100	01/24/2024

Batch R342193 **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		**0.526**	0.5000	0	105.2	90	110	01/24/2024

Batch R342193 **SampType:** MS Units **mg/L**
SampID: 24011342-002BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.500		**8.50**	2.500	6.010	99.5	90	110	01/24/2024

Batch R342193 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24011342-002BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.500		**8.52**	2.500	6.010	100.3	8.497	0.25	01/24/2024

Batch R342193 **SampType:** MS Units **mg/L**
SampID: 24011444-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.250		**3.64**	1.250	2.345	104.0	90	110	01/24/2024

Batch R342193 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24011444-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.250		**3.62**	1.250	2.345	102.1	3.645	0.66	01/24/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24010247

Client Project: NEW-24Q1 **Report Date:** 20-Feb-24

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

Batch R342193 **SampType:** MS Units **mg/L**
SampID: 24011541-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		2.50		**23.6**	12.50	11.09	100.3	90	110	01/24/2024

Batch R342193 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24011541-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		2.50		**23.8**	12.50	11.09	102.0	23.63	0.89	01/24/2024

Batch R342275 **SampType:** MBLK Units **mg/L**
SampID: ICB/MBLK

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate (as N)		0.050		**< 0.050**						01/25/2024
Nitrogen, Nitrate-Nitrite (as N)		0.050		**< 0.050**	0.0090	0	0	-100	100	01/25/2024

Batch R342275 **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		**0.482**	0.5000	0	96.4	90	110	01/25/2024

Batch R342275 **SampType:** MS Units **mg/L**
SampID: 24010247-044BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		**0.304**	0.2500	0.05300	100.4	85	115	01/25/2024

Batch R342275 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24010247-044BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		**0.302**	0.2500	0.05300	99.6	0.3040	0.66	01/25/2024

Batch R342275 **SampType:** MS Units **mg/L**
SampID: 24011559-005AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.500		**6.17**	2.500	3.638	101.2	90	110	01/25/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24010247

Client Project: NEW-24Q1 **Report Date:** 20-Feb-24

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

Batch R342275 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24011559-005AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.500		**6.20**	2.500	3.638	102.4	6.168	0.49	01/25/2024

Batch R342275 **SampType:** MS Units **mg/L**
SampID: 24011641-002BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.250		**2.57**	1.250	1.302	101.8	90	110	01/25/2024

Batch R342275 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24011641-002BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.250		**2.57**	1.250	1.302	101.4	2.574	0.16	01/25/2024

Batch R342275 **SampType:** MS Units **mg/L**
SampID: 24011703-002AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.500		**4.87**	2.500	2.381	99.7	90	110	01/25/2024

Batch R342275 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24011703-002AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.500		**4.74**	2.500	2.381	94.4	4.873	2.75	01/25/2024

Batch R342306 **SampType:** MS Units **mg/L**
SampID: 24011814-003BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.250		**2.87**	1.250	1.661	96.8	85	115	01/26/2024

Batch R342306 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24011814-003BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.250		**3.00**	1.250	1.661	106.7	2.871	4.23	01/26/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24010247

Client Project: NEW-24Q1 **Report Date:** 20-Feb-24

SW-846 9012A (TOTAL)

Batch 217587 **SampType:** MBLK Units **mg/L**
SampID: MBLK 240119 TCN1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Cyanide		0.005		**< 0.005**	0.0015	0	0	-100	100	01/22/2024

Batch 217587 **SampType:** LCS Units **mg/L**
SampID: LCS 240119 TCN1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Cyanide		0.005		**0.026**	0.0250	0	105.7	90	110	01/22/2024

Batch 217587 **SampType:** MS Units **mg/L**
SampID: 24011273-004CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Cyanide		0.005		**0.028**	0.0250	0.001820	103.1	90	110	01/22/2024

Batch 217587 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24011273-004CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Cyanide		0.005		**0.028**	0.0250	0.001820	105.8	0.02760	2.42	01/22/2024

Batch 217608 **SampType:** MBLK Units **mg/L**
SampID: MBLK 240122 TCN1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Cyanide		0.005		**< 0.005**	0.0015	0	0	-100	100	01/23/2024

Batch 217608 **SampType:** LCS Units **mg/L**
SampID: LCS 240122 TCN1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Cyanide		0.005		**0.027**	0.0250	0	106.6	90	110	01/23/2024

Batch 217608 **SampType:** MS Units **mg/L**
SampID: 24011359-002DMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Cyanide		0.005		**0.026**	0.0250	0	103.7	75	125	01/23/2024

Batch 217608 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24011359-002DMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Cyanide		0.005		**0.027**	0.0250	0	106.8	0.02593	2.94	01/23/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24010247

Client Project: NEW-24Q1 **Report Date:** 20-Feb-24

SW-846 9012A (TOTAL)

Batch 217608 **SampType:** MS Units **mg/L**
SampID: 24011359-003DMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Cyanide		0.005		**0.025**	0.0250	0	100.1	75	125	01/23/2024

Batch 217608 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24011359-003DMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Cyanide		0.005		**0.025**	0.0250	0	98.3	0.02504	1.83	01/23/2024

Batch 217756 **SampType:** MBLK Units **mg/L**
SampID: MBLK 240124 TCN1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Cyanide		0.005		**< 0.005**	0.0015	0	0	-100	100	01/25/2024

Batch 217756 **SampType:** LCS Units **mg/L**
SampID: LCS 240124 TCN1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Cyanide		0.005		**0.027**	0.0250	0	109.9	90	110	01/25/2024

Batch 217756 **SampType:** MS Units **mg/L**
SampID: 24011488-001EMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Cyanide		0.005		**0.026**	0.0250	0	104.5	90	110	01/25/2024

Batch 217756 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24011488-001EMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Cyanide		0.005		**0.026**	0.0250	0	104.3	0.02614	0.19	01/25/2024

Batch 217830 **SampType:** MBLK Units **mg/L**
SampID: MBLK 240125 TCN1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Cyanide		0.005		**< 0.005**	0.0015	0	0	-100	100	01/26/2024

Batch 217830 **SampType:** LCS Units **mg/L**
SampID: LCS 240125 TCN1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Cyanide		0.005		**0.024**	0.0250	0	95.4	90	110	01/26/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24010247

Client Project: NEW-24Q1 **Report Date:** 20-Feb-24

SW-846 9012A (TOTAL)

Batch 217830 **SampType:** MS Units **mg/L**
SampID: 24011609-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Cyanide		0.005	E	**0.053**	0.0250	0.02614	108.2	90	110	01/26/2024

Batch 217830 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24011609-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Cyanide		0.005	E	**0.051**	0.0250	0.02614	100.3	0.05319	3.77	01/26/2024

Batch 217830 **SampType:** MS Units **mg/L**
SampID: 24011668-001CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Cyanide		0.025		**0.136**	0.1250	0.01475	96.8	90	110	01/26/2024

Batch 217830 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24011668-001CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Cyanide		0.025		**0.136**	0.1250	0.01475	97.1	0.1357	0.26	01/26/2024

Batch 217891 **SampType:** MBLK Units **mg/L**
SampID: MBLK 240126 TCN1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Cyanide		0.005		**< 0.005**	0.0015	0	0	-100	100	01/29/2024

Batch 217891 **SampType:** LCS Units **mg/L**
SampID: LCS 240126 TCN1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Cyanide		0.005		**0.024**	0.0250	0	96.6	90	110	01/29/2024

Batch 217891 **SampType:** MS Units **mg/L**
SampID: 24011725-002BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Cyanide		0.005	S	**0.030**	0.0250	0.01020	78.2	90	110	01/29/2024

Batch 217891 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24011725-002BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Cyanide		0.005	S	**0.031**	0.0250	0.01020	84.0	0.02975	4.77	01/29/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24010247

Client Project: NEW-24Q1 **Report Date:** 20-Feb-24

SW-846 9012A (TOTAL)

Batch 217891 **SampType:** MS Units **mg/L**
SampID: 24011740-001BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Cyanide		0.005		**0.027**	0.0250	0.004810	90.6	90	110	01/29/2024

Batch 217891 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24011740-001BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Cyanide		0.005		**0.028**	0.0250	0.004810	94.3	0.02747	3.24	01/29/2024

Batch 217975 **SampType:** MBLK Units **mg/L**
SampID: MBLK 240129 TCN1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Cyanide		0.005		**< 0.005**	0.0015	0	0	-100	100	01/30/2024

Batch 217975 **SampType:** LCS Units **mg/L**
SampID: LCS 240129 TCN1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Cyanide		0.005		**0.025**	0.0250	0	99.2	90	110	01/30/2024

Batch 217975 **SampType:** MS Units **mg/L**
SampID: 24011869-002BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Cyanide		0.005		**0.026**	0.0250	0	104.2	90	110	01/30/2024

Batch 217975 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24011869-002BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Cyanide		0.005		**0.026**	0.0250	0	103.0	0.02606	1.16	01/30/2024

SW-846 9036 (DISSOLVED)

Batch R342020 **SampType:** MS Units **mg/L**
SampID: 24010247-055BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		10	S	**19**	20.00	10.22	42.8	85	115	01/19/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24010247

Client Project: NEW-24Q1 **Report Date:** 20-Feb-24

SW-846 9036 (DISSOLVED)

Batch R342020 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24010247-055BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		10	S	**19**	20.00	10.22	46.3	18.78	3.61	01/19/2024

Batch R342183 **SampType:** MS Units **mg/L**
SampID: 24010247-060BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		200		**703**	400.0	333.8	92.3	85	115	01/24/2024

Batch R342183 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24010247-060BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		200		**743**	400.0	333.8	102.2	703.1	5.48	01/24/2024

Batch R342183 **SampType:** MS Units **mg/L**
SampID: 24011359-002BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		200		**978**	400.0	603.8	93.5	85	115	01/24/2024

Batch R342183 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24011359-002BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		200		**971**	400.0	603.8	91.8	977.7	0.71	01/24/2024

Batch R342249 **SampType:** MS Units **mg/L**
SampID: 24010247-003BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		50		**200**	100.0	98.27	102.2	85	115	01/25/2024

Batch R342249 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24010247-003BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		50		**198**	100.0	98.27	99.7	200.5	1.25	01/25/2024

Batch R342249 **SampType:** MS Units **mg/L**
SampID: 24010247-101BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		500		**1920**	1000	1014	91.0	85	115	01/25/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24010247

Client Project: NEW-24Q1 **Report Date:** 20-Feb-24

SW-846 9036 (DISSOLVED)

Batch R342249 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24010247-101BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		500		**1900**	1000	1014	88.3	1924	1.44	01/25/2024

Batch R342339 **SampType:** MS Units **mg/L**
SampID: 24010247-025BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		100		**443**	200.0	265.4	88.8	85	115	01/29/2024

Batch R342339 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24010247-025BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		100		**454**	200.0	265.4	94.5	442.9	2.56	01/29/2024

Batch R342339 **SampType:** MS Units **mg/L**
SampID: 24010247-045BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		500		**1870**	1000	1005	86.9	85	115	01/29/2024

Batch R342339 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24010247-045BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		500		**1900**	1000	1005	89.4	1873	1.34	01/29/2024

Batch R342402 **SampType:** MS Units **mg/L**
SampID: 24010247-104BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		100		**442**	200.0	256.7	92.8	85	115	01/30/2024

Batch R342402 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24010247-104BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		100		**441**	200.0	256.7	92.1	442.3	0.32	01/30/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24010247

Client Project: NEW-24Q1 **Report Date:** 20-Feb-24

SW-846 9036 (TOTAL)

Batch R341983 **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	01/18/2024

Batch R341983 **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	94.0	90	110	01/18/2024

Batch R341983 **SampType:** MS Units **mg/L**
SampID: 24010247-015AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		100		**467**	200.0	288.0	89.7	85	115	01/18/2024

Batch R341983 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24010247-015AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		100		**468**	200.0	288.0	89.8	467.4	0.03	01/18/2024

Batch R341983 **SampType:** MS Units **mg/L**
SampID: 24010247-022AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		20		**82**	40.00	43.44	97.2	85	115	01/18/2024

Batch R341983 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24010247-022AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		20		**89**	40.00	43.44	114.2	82.30	7.97	01/18/2024

Batch R341983 **SampType:** MS Units **mg/L**
SampID: 24011234-004BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		200		**836**	400.0	451.1	96.2	90	110	01/18/2024

Batch R341983 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24011234-004BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		200		**829**	400.0	451.1	94.5	835.7	0.80	01/18/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24010247

Client Project: NEW-24Q1 **Report Date:** 20-Feb-24

SW-846 9036 (TOTAL)

Batch R342020 **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	01/19/2024

Batch R342020 **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	96.8	90	110	01/19/2024

Batch R342020 **SampType:** MS Units **mg/L**
SampID: 24010247-020AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		10	S	**22**	20.00	9.270	62.0	85	115	01/19/2024

Batch R342020 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24010247-020AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		10	S	**22**	20.00	9.270	62.3	21.66	0.32	01/19/2024

Batch R342116 **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	01/23/2024

Batch R342116 **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	98.2	90	110	01/23/2024

Batch R342116 **SampType:** MS Units **mg/L**
SampID: 24010247-012AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		20		**96**	40.00	58.71	92.3	85	115	01/23/2024

Batch R342116 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24010247-012AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		20		**98**	40.00	58.71	97.5	95.63	2.13	01/23/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24010247

Client Project: NEW-24Q1 **Report Date:** 20-Feb-24

SW-846 9036 (TOTAL)

Batch R342183 **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	01/24/2024

Batch R342183 **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	99.0	90	110	01/24/2024

Batch R342183 **SampType:** MS Units **mg/L**
SampID: 24010247-060AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		200		**760**	400.0	402.7	89.3	85	115	01/24/2024

Batch R342183 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24010247-060AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		200		**808**	400.0	402.7	101.4	759.9	6.19	01/24/2024

Batch R342183 **SampType:** MS Units **mg/L**
SampID: 24011488-001BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		10	S	**29**	20.00	12.17	85.4	90	110	01/24/2024

Batch R342183 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24011488-001BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		10	S	**30**	20.00	12.17	89.6	29.26	2.76	01/24/2024

Batch R342249 **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	01/25/2024

Batch R342249 **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	92.8	90	110	01/25/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24010247

Client Project: NEW-24Q1 **Report Date:** 20-Feb-24

SW-846 9036 (TOTAL)

Batch R342339 **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	01/29/2024

Batch R342339 **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	96.5	90	110	01/29/2024

Batch R342402 **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	01/30/2024

Batch R342402 **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	96.8	90	110	01/30/2024

Batch R342402 **SampType:** MS Units **mg/L**
SampID: 24011717-003AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		10		**34**	20.00	15.57	90.3	90	110	01/30/2024

Batch R342402 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24011717-003AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		10		**34**	20.00	15.57	92.6	33.63	1.36	01/30/2024

SW-846 9214 (DISSOLVED)

Batch R342170 **SampType:** MS Units **mg/L**
SampID: 24010247-044BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**2.41**	2.000	0.1950	110.7	75	125	01/25/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24010247

Client Project: NEW-24Q1 **Report Date:** 20-Feb-24

SW-846 9214 (DISSOLVED)

Batch R342170 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24010247-044BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**2.33**	2.000	0.1950	106.6	2.409	3.51	01/25/2024

Batch R342388 **SampType:** MS Units **mg/L**
SampID: 24010247-036BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**2.48**	2.000	0.3970	104.2	75	125	01/30/2024

Batch R342388 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24010247-036BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**2.49**	2.000	0.3970	104.8	2.482	0.48	01/30/2024

Batch R342388 **SampType:** MS Units **mg/L**
SampID: 24010247-104BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**2.41**	2.000	0.2900	106.0	75	125	01/30/2024

Batch R342388 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24010247-104BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**2.32**	2.000	0.2900	101.3	2.411	4.02	01/30/2024

Batch R342388 **SampType:** MS Units **mg/L**
SampID: 24010247-107BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**2.11**	2.000	0	105.7	75	125	01/30/2024

Batch R342388 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24010247-107BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**2.14**	2.000	0	106.8	2.114	0.99	01/30/2024

Batch R342565 **SampType:** MS Units **mg/L**
SampID: 24020010-008BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**2.35**	2.000	0.2920	102.9	75	125	02/02/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24010247

Client Project: NEW-24Q1 **Report Date:** 20-Feb-24

SW-846 9214 (DISSOLVED)

Batch R342565 **SampType:** MSD Units **mg/L** RPD Limit **15**

SampID: 24020010-008BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**2.29**	2.000	0.2920	100.0	2.350	2.46	02/02/2024

SW-846 9214 (TOTAL)

Batch R341950 **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	01/18/2024

Batch R341950 **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		**0.94**	1.000	0	94.2	90	110	01/18/2024

Batch R341950 **SampType:** MS Units **mg/L**

SampID: 24010247-096AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		1.00		**18.7**	20.00	1.090	88.2	75	125	01/18/2024

Batch R341950 **SampType:** MSD Units **mg/L** RPD Limit **15**

SampID: 24010247-096AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		1.00		**19.7**	20.00	1.090	93.0	18.74	4.89	01/18/2024

Batch R342001 **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	01/19/2024

Batch R342001 **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		**0.98**	1.000	0	97.6	90	110	01/19/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll
Work Order: 24010247
Client Project: NEW-24Q1
Report Date: 20-Feb-24

SW-846 9214 (TOTAL)

Batch R342001 **SampType:** MS Units **mg/L**
SampID: 24010247-056AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**3.36**	2.000	1.201	107.8	75	125	01/19/2024

Batch R342001 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24010247-056AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**3.34**	2.000	1.201	107.0	3.358	0.51	01/19/2024

Batch R342042 **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	01/22/2024

Batch R342042 **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	102.5	90	110	01/22/2024

Batch R342042 **SampType:** MS Units **mg/L**
SampID: 24010247-102AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**2.03**	2.000	0.2170	90.8	75	125	01/22/2024

Batch R342042 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24010247-102AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**2.17**	2.000	0.2170	97.8	2.032	6.75	01/22/2024

Batch R342128 **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	01/23/2024

Batch R342128 **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		**0.91**	1.000	0	91.1	90	110	01/23/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24010247

Client Project: NEW-24Q1 **Report Date:** 20-Feb-24

SW-846 9214 (TOTAL)

Batch R342128 **SampType:** MS Units **mg/L**
SampID: 24010247-057AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**2.55**	2.000	0.7350	90.8	75	125	01/24/2024

Batch R342128 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24010247-057AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**2.61**	2.000	0.7350	93.6	2.551	2.13	01/24/2024

Batch R342128 **SampType:** MS Units **mg/L**
SampID: 24011488-001BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**2.27**	2.000	0.05300	110.8	75	125	01/23/2024

Batch R342128 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24011488-001BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**2.26**	2.000	0.05300	110.2	2.268	0.49	01/23/2024

Batch R342170 **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	01/24/2024

Batch R342170 **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		**1.04**	1.000	0	104.5	90	110	01/24/2024

Batch R342170 **SampType:** MS Units **mg/L**
SampID: 24011561-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**2.45**	2.000	0.5020	97.4	75	125	01/24/2024

Batch R342170 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24011561-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**2.63**	2.000	0.5020	106.4	2.449	7.09	01/24/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24010247

Client Project: NEW-24Q1 **Report Date:** 20-Feb-24

SW-846 9214 (TOTAL)

Batch R342170 **SampType:** MS Units **mg/L**
SampID: 24011657-005AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**3.22**	2.000	0.9320	114.4	75	125	01/25/2024

Batch R342170 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24011657-005AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**3.15**	2.000	0.9320	110.8	3.220	2.29	01/25/2024

Batch R342388 **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	01/30/2024

Batch R342388 **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	96.4	90	110	01/30/2024

Batch R342565 **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	02/01/2024

Batch R342565 **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		**0.95**	1.000	0	95.4	90	110	02/01/2024

Batch R342565 **SampType:** MS Units **mg/L**
SampID: 24010118-009AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**1.96**	2.000	0.07300	94.5	75	125	02/02/2024

Batch R342565 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24010118-009AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**2.05**	2.000	0.07300	98.8	1.963	4.24	02/02/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24010247

Client Project: NEW-24Q1 **Report Date:** 20-Feb-24

SW-846 9214 (TOTAL)

Batch R342565 **SampType:** MS Units **mg/L**
SampID: 24010247-065AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		1.00		**19.0**	20.00	1.280	88.8	75	125	02/02/2024

Batch R342565 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24010247-065AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		1.00		**18.3**	20.00	1.280	85.2	19.05	3.96	02/02/2024

Batch R342565 **SampType:** MS Units **mg/L**
SampID: 24010966-006AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**2.37**	2.000	0.3750	99.6	75	125	02/01/2024

Batch R342565 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24010966-006AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**2.45**	2.000	0.3750	103.7	2.366	3.45	02/01/2024

Batch R342565 **SampType:** MS Units **mg/L**
SampID: 24010966-016AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**2.44**	2.000	0.2960	107.2	75	125	02/02/2024

Batch R342565 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24010966-016AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**2.40**	2.000	0.2960	105.2	2.441	1.69	02/02/2024

Batch R342565 **SampType:** MS Units **mg/L**
SampID: 24010966-020AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**2.31**	2.000	0.3760	96.5	75	125	02/01/2024

Batch R342565 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24010966-020AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**2.30**	2.000	0.3760	96.4	2.306	0.13	02/01/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24010247

Client Project: NEW-24Q1 **Report Date:** 20-Feb-24

SW-846 9214 (TOTAL)

Batch R342565 **SampType:** MS Units **mg/L**
SampID: 24010966-021AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**2.28**	2.000	0.2790	100.3	75	125	02/02/2024

Batch R342565 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24010966-021AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**2.34**	2.000	0.2790	103.2	2.285	2.46	02/02/2024

Batch R342565 **SampType:** MS Units **mg/L**
SampID: 24010966-030AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**2.36**	2.000	0.2690	104.6	75	125	02/02/2024

Batch R342565 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24010966-030AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**2.19**	2.000	0.2690	96.2	2.361	7.38	02/02/2024

Batch R342565 **SampType:** MS Units **mg/L**
SampID: 24010966-044AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**2.29**	2.000	0.2200	103.4	75	125	02/02/2024

Batch R342565 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24010966-044AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**2.22**	2.000	0.2200	99.8	2.289	3.24	02/02/2024

SW-846 9251 (DISSOLVED)

Batch R342023 **SampType:** MS Units **mg/L**
SampID: 24010247-055BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		8	E	**116**	40.00	80.52	88.1	85	115	01/19/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24010247

Client Project: NEW-24Q1 **Report Date:** 20-Feb-24

SW-846 9251 (DISSOLVED)

Batch R342023 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24010247-055BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		8	E	**120**	40.00	80.52	99.4	115.8	3.82	01/19/2024

Batch R342118 **SampType:** MS Units **mg/L**
SampID: 24010247-060BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		8	E	**108**	40.00	73.67	85.3	85	115	01/23/2024

Batch R342118 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24010247-060BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		8	E	**110**	40.00	73.67	92.0	107.8	2.43	01/23/2024

Batch R342118 **SampType:** MS Units **mg/L**
SampID: 24011359-002BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		4		**30**	20.00	12.01	91.1	85	115	01/23/2024

Batch R342118 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24011359-002BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		4		**30**	20.00	12.01	91.0	30.23	0.07	01/23/2024

Batch R342251 **SampType:** MS Units **mg/L**
SampID: 24010247-003BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		20		**173**	100.0	74.09	98.9	85	115	01/25/2024

Batch R342251 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24010247-003BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		20		**165**	100.0	74.09	90.5	173.0	4.97	01/25/2024

Batch R342251 **SampType:** MS Units **mg/L**
SampID: 24010247-101BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		40	S	**359**	200.0	193.6	82.7	85	115	01/25/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24010247

Client Project: NEW-24Q1 **Report Date:** 20-Feb-24

SW-846 9251 (DISSOLVED)

Batch R342251 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24010247-101BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		40	S	**360**	200.0	193.6	83.2	359.1	0.26	01/25/2024

Batch R342343 **SampType:** MS Units **mg/L**
SampID: 24010247-025BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		8		**85**	40.00	50.60	86.2	85	115	01/29/2024

Batch R342343 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24010247-025BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		8		**86**	40.00	50.60	87.3	85.06	0.55	01/29/2024

Batch R342407 **SampType:** MS Units **mg/L**
SampID: 24010247-045BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		400		**2720**	2000	846.6	93.7	85	115	01/30/2024

Batch R342407 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24010247-045BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		400		**2720**	2000	846.6	93.9	2720	0.15	01/30/2024

Batch R342407 **SampType:** MS Units **mg/L**
SampID: 24010247-104BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		40		**237**	200.0	45.14	95.9	85	115	01/30/2024

Batch R342407 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24010247-104BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		40		**236**	200.0	45.14	95.3	237.0	0.52	01/30/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24010247

Client Project: NEW-24Q1 **Report Date:** 20-Feb-24

SW-846 9251 (TOTAL)

Batch R341985 **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	01/18/2024

Batch R341985 **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	98.1	90	110	01/18/2024

Batch R341985 **SampType:** MS Units **mg/L**
SampID: 24010247-015AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		4		**41**	20.00	23.56	86.9	85	115	01/18/2024

Batch R341985 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24010247-015AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		4		**42**	20.00	23.56	92.0	40.94	2.48	01/18/2024

Batch R341985 **SampType:** MS Units **mg/L**
SampID: 24010247-022AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		4		**42**	20.00	24.21	88.4	85	115	01/18/2024

Batch R341985 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24010247-022AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		4		**42**	20.00	24.21	89.8	41.88	0.69	01/18/2024

Batch R341985 **SampType:** MS Units **mg/L**
SampID: 24011234-004BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		80		**643**	400.0	275.8	91.8	85	115	01/18/2024

Batch R341985 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24011234-004BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		80		**628**	400.0	275.8	88.0	642.9	2.39	01/18/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24010247

Client Project: NEW-24Q1 **Report Date:** 20-Feb-24

SW-846 9251 (TOTAL)

Batch R342023 **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	01/19/2024

Batch R342023 **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		**22**	20.00	0	108.2	90	110	01/19/2024

Batch R342023 **SampType:** MS Units **mg/L**
SampID: 24010247-020AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		8	E	**104**	40.00	68.76	88.2	85	115	01/19/2024

Batch R342023 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24010247-020AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		8	E	**103**	40.00	68.76	85.0	104.0	1.24	01/19/2024

Batch R342118 **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	01/23/2024

Batch R342118 **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	107.0	90	110	01/23/2024

Batch R342118 **SampType:** MS Units **mg/L**
SampID: 24010247-012AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		8		**93**	40.00	58.49	86.6	85	115	01/23/2024

Batch R342118 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24010247-012AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		8		**93**	40.00	58.49	86.4	93.15	0.13	01/23/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll
Work Order: 24010247
Client Project: NEW-24Q1
Report Date: 20-Feb-24

SW-846 9251 (TOTAL)

Batch R342118 **SampType:** MS Units **mg/L**
SampID: 24010247-060AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		8	E	**115**	40.00	73.91	103.4	85	115	01/23/2024

Batch R342118 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24010247-060AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		8	E	**109**	40.00	73.91	88.6	115.3	5.28	01/23/2024

Batch R342184 **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	01/24/2024

Batch R342184 **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		**22**	20.00	0	109.6	90	110	01/24/2024

Batch R342184 **SampType:** MS Units **mg/L**
SampID: 24011488-001BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		4		**20**	20.00	0.9700	95.2	85	115	01/24/2024

Batch R342184 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24011488-001BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		4		**20**	20.00	0.9700	95.4	20.02	0.20	01/24/2024

Batch R342251 **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	01/25/2024

Batch R342251 **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	99.0	90	110	01/25/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll
Work Order: 24010247
Client Project: NEW-24Q1
Report Date: 20-Feb-24

SW-846 9251 (TOTAL)

Batch R342343 **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	01/29/2024

Batch R342343 **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	98.6	90	110	01/29/2024

Batch R342343 **SampType:** MS Units **mg/L**
SampID: 24011515-002AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		80		**626**	400.0	278.6	87.0	85	115	01/29/2024

Batch R342343 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24011515-002AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		80	S	**616**	400.0	278.6	84.3	626.5	1.69	01/29/2024

Batch R342343 **SampType:** MS Units **mg/L**
SampID: 24011717-003AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		8		**61**	40.00	22.87	94.8	85	115	01/29/2024

Batch R342343 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24011717-003AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		8		**61**	40.00	22.87	94.6	60.77	0.12	01/29/2024

Batch R342407 **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	01/30/2024

Batch R342407 **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	100.5	90	110	01/30/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24010247

Client Project: NEW-24Q1 **Report Date:** 20-Feb-24

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

Batch 216527 **SampType:** MBLK Units **mg/L**
SampID: MBLK-216527

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		**< 0.100**	0.0350	0	0	-100	100	01/26/2024
Magnesium		0.0500		**< 0.0500**	0.0055	0	0	-100	100	01/26/2024
Potassium		0.100		**< 0.100**	0.0400	0	0	-100	100	01/25/2024
Sodium		0.0500		**< 0.0500**	0.0180	0	0	-100	100	01/26/2024

Batch 216527 **SampType:** LCS Units **mg/L**
SampID: LCS-216527

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		**2.43**	2.500	0	97.0	85	115	01/25/2024
Magnesium		0.0500		**2.22**	2.500	0	88.9	85	115	01/25/2024
Potassium		0.100		**2.50**	2.500	0	100.2	85	115	01/25/2024
Sodium		0.0500		**2.32**	2.500	0	92.7	85	115	01/25/2024

Batch 216527 **SampType:** MS Units **mg/L**
SampID: 24010247-041CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100	S	**487**	2.500	490.9	-141.6	75	125	01/25/2024
Magnesium		0.050	S	**269**	2.500	270.0	-30.0	75	125	01/25/2024
Potassium		0.100		**7.30**	2.500	4.829	98.8	75	125	01/25/2024
Sodium		0.050	S	**150**	2.500	150.2	-2.4	75	125	01/25/2024

Batch 216527 **SampType:** MSD Units **mg/L** RPD Limit **20**
SampID: 24010247-041CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Calcium		0.100	S	**487**	2.500	490.9	-157.2	487.4	0.08	01/25/2024
Magnesium		0.050	S	**269**	2.500	270.0	-47.1	269.3	0.16	01/25/2024
Potassium		0.100		**7.33**	2.500	4.829	99.9	7.299	0.39	01/25/2024
Sodium		0.050	S	**150**	2.500	150.2	-17.6	150.2	0.25	01/25/2024

Batch 217571 **SampType:** MBLK Units **mg/L**
SampID: MBLK-217571

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		**< 0.100**	0.0350	0	0	-100	100	01/19/2024
Magnesium		0.0500		**< 0.0500**	0.0055	0	0	-100	100	01/19/2024
Potassium		0.100		**< 0.100**	0.0400	0	0	-100	100	01/19/2024
Sodium		0.0500		**< 0.0500**	0.0180	0	0	-100	100	01/19/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24010247

Client Project: NEW-24Q1 **Report Date:** 20-Feb-24

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

Batch 217571 **SampType:** LCS Units **mg/L**
SampID: LCS-217571

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		**2.46**	2.500	0	98.4	85	115	01/19/2024
Magnesium		0.0500		**2.25**	2.500	0	89.8	85	115	01/19/2024
Potassium		0.100		**2.46**	2.500	0	98.4	85	115	01/19/2024
Sodium		0.0500		**2.39**	2.500	0	95.6	85	115	01/19/2024

Batch 217616 **SampType:** MBLK Units **mg/L**
SampID: MBLK-217616

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		**< 0.100**	0.0350	0	0	-100	100	01/23/2024
Magnesium		0.050		**< 0.050**	0.0055	0	0	-100	100	01/23/2024
Potassium		0.100		**< 0.100**	0.0400	0	0	-100	100	01/23/2024

Batch 217616 **SampType:** LCS Units **mg/L**
SampID: LCS-217616

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		**2.41**	2.500	0	96.2	85	115	01/23/2024
Magnesium		0.050		**2.28**	2.500	0	91.4	85	115	01/23/2024
Potassium		0.100		**2.55**	2.500	0	102.0	85	115	01/23/2024
Sodium		0.050	B	**2.42**	2.500	0	96.9	85	115	01/23/2024

Batch 217616 **SampType:** MS Units **mg/L**
SampID: 24010247-064CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100	S	**144**	2.500	144.5	-10.0	75	125	01/23/2024
Magnesium		0.050	S	**54.4**	2.500	53.00	54.4	75	125	01/23/2024
Potassium		0.100		**6.39**	2.500	3.895	99.7	75	125	01/23/2024
Sodium		0.050	BS	**143**	2.500	143.2	-22.0	75	125	01/23/2024

Batch 217616 **SampType:** MSD Units **mg/L** RPD Limit **20**
SampID: 24010247-064CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Calcium		0.100	S	**143**	2.500	144.5	-58.0	144.3	0.84	01/23/2024
Magnesium		0.050	S	**54.0**	2.500	53.00	38.2	54.36	0.75	01/23/2024
Potassium		0.100		**6.34**	2.500	3.895	97.9	6.387	0.70	01/23/2024
Sodium		0.050	BS	**142**	2.500	143.2	-45.2	142.7	0.41	01/23/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24010247

Client Project: NEW-24Q1 **Report Date:** 20-Feb-24

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

Batch 217616 **SampType:** MS Units **mg/L**
SampID: 24011359-009CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Magnesium		0.050	S	**50.4**	2.500	48.80	62.8	75	125	01/23/2024

Batch 217616 **SampType:** MSD Units **mg/L** RPD Limit **20**
SampID: 24011359-009CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Magnesium		0.050	S	**50.4**	2.500	48.80	66.1	50.37	0.17	01/23/2024

Batch 217751 **SampType:** MBLK Units **mg/L**
SampID: MBLK-217751

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		**< 0.100**	0.0350	0	0	-100	100	01/25/2024
Magnesium		0.0500		**< 0.0500**	0.0055	0	0	-100	100	01/25/2024
Potassium		0.100		**< 0.100**	0.0400	0	0	-100	100	01/24/2024
Sodium		0.0500		**< 0.0500**	0.0180	0	0	-100	100	01/25/2024

Batch 217751 **SampType:** LCS Units **mg/L**
SampID: LCS-217751

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		**2.37**	2.500	0	94.6	85	115	01/24/2024
Magnesium		0.0500		**2.17**	2.500	0	86.8	85	115	01/24/2024
Potassium		0.100		**2.52**	2.500	0	100.7	85	115	01/24/2024
Sodium		0.0500		**2.33**	2.500	0	93.4	85	115	01/24/2024

Batch 217878 **SampType:** MBLK Units **mg/L**
SampID: MBLK-217878

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		**< 0.100**	0.0350	0	0	-100	100	01/29/2024
Calcium		0.100		**< 0.100**	0.0350	0	0	-100	100	01/26/2024
Iron		0.0400		**< 0.0400**	0.0200	0	0	-100	100	01/26/2024
Magnesium		0.050		**< 0.050**	0.0055	0	0	-100	100	01/29/2024
Magnesium		0.0500		**< 0.0500**	0.0055	0	0	-100	100	01/26/2024
Manganese		0.0070		**< 0.0070**	0.0025	0	0	-100	100	01/26/2024
Potassium		0.100		**< 0.100**	0.0400	0	0	-100	100	01/26/2024
Sodium		0.0500		**< 0.0500**	0.0180	0	0	-100	100	01/26/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24010247

Client Project: NEW-24Q1 **Report Date:** 20-Feb-24

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

Batch 217878 **SampType:** LCS Units **mg/L**
SampID: LCS-217878

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		**2.47**	2.500	0	98.7	85	115	01/29/2024
Calcium		0.100		**2.27**	2.500	0	91.0	85	115	01/26/2024
Iron		0.0400		**1.82**	2.000	0	91.2	85	115	01/26/2024
Magnesium		0.050		**2.22**	2.500	0	88.7	85	115	01/29/2024
Manganese		0.0070		**0.442**	0.5000	0	88.4	85	115	01/26/2024
Potassium		0.100		**2.43**	2.500	0	97.0	85	115	01/26/2024
Sodium		0.0500		**2.29**	2.500	0	91.8	85	115	01/26/2024

Batch 217878 **SampType:** MS Units **mg/L**
SampID: 24011713-003DMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Iron		0.0400		**1.83**	2.000	0	91.6	75	125	01/26/2024

Batch 217878 **SampType:** MSD Units **mg/L** RPD Limit **20**
SampID: 24011713-003DMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Iron		0.0400		**1.84**	2.000	0	91.9	1.833	0.29	01/26/2024

Batch 217878 **SampType:** MS Units **mg/L**
SampID: 24011763-001CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Iron		0.0400		**4.15**	4.000	0.5600	89.8	75	125	01/26/2024
Manganese		0.0070		**0.861**	1.000	0.02260	83.8	75	125	01/26/2024

Batch 217878 **SampType:** MSD Units **mg/L** RPD Limit **20**
SampID: 24011763-001CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Iron		0.0400		**4.18**	4.000	0.5600	90.5	4.150	0.72	01/26/2024
Manganese		0.0070		**0.872**	1.000	0.02260	84.9	0.8610	1.21	01/26/2024

Batch 217878 **SampType:** MS Units **mg/L**
SampID: 24011764-001CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Iron		0.0400		**3.56**	4.000	0	89.0	75	125	01/26/2024
Manganese		0.0070		**1.24**	1.000	0.4214	81.5	75	125	01/26/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll **Work Order:** 24010247

Client Project: NEW-24Q1 **Report Date:** 20-Feb-24

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

Batch 217878 **SampType:** MSD Units **mg/L** RPD Limit **20**
SampID: 24011764-001CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Iron		0.0400		**3.59**	4.000	0	89.8	3.560	0.84	01/26/2024
Manganese		0.0070		**1.25**	1.000	0.4214	82.4	1.236	0.75	01/26/2024

Batch 217953 **SampType:** MBLK Units **mg/L**
SampID: MBLK-217953

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		**< 0.100**	0.0350	0	0	-100	100	01/30/2024
Magnesium		0.0500		**< 0.0500**	0.0055	0	0	-100	100	01/30/2024
Potassium		0.100		**< 0.100**	0.0400	0	0	-100	100	01/30/2024
Sodium		0.0500		**< 0.0500**	0.0180	0	0	-100	100	01/30/2024

Batch 217953 **SampType:** LCS Units **mg/L**
SampID: LCS-217953

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	01/30/2024
Magnesium		0.0500		**2.21**	2.500	0	88.4	85	115	01/30/2024
Potassium		0.100		**2.51**	2.500	0	100.5	85	115	01/30/2024
Sodium		0.0500		**2.38**	2.500	0	95.1	85	115	01/30/2024

Batch 217953 **SampType:** MS Units **mg/L**
SampID: 24010247-104CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100	S	**129**	2.500	128.2	37.6	75	125	01/30/2024
Magnesium		0.050	S	**58.0**	2.500	56.47	62.9	75	125	01/30/2024
Potassium		0.100		**4.59**	2.500	2.045	101.8	75	125	01/30/2024
Sodium		0.050	S	**92.9**	2.500	89.35	142.8	75	125	01/30/2024

Batch 217953 **SampType:** MSD Units **mg/L** RPD Limit **20**
SampID: 24010247-104CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Calcium		0.100	S	**130**	2.500	128.2	74.4	129.1	0.71	01/30/2024
Magnesium		0.050	S	**58.2**	2.500	56.47	70.0	58.04	0.31	01/30/2024
Potassium		0.100		**4.69**	2.500	2.045	105.6	4.590	2.08	01/30/2024
Sodium		0.050	S	**94.9**	2.500	89.35	222.4	92.92	2.12	01/30/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24010247

Client Project: NEW-24Q1 **Report Date:** 20-Feb-24

SW-846 3005A, 6010B, METALS BY ICP (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
Antimony		0.0500		**< 0.0500**	0.0068	0	0	-100	100	02/07/2024
Arsenic		0.0250		**< 0.0250**	0.0087	0	0	-100	100	02/07/2024
Boron		0.0200		**< 0.0200**	0.0090	0	0	-100	100	02/07/2024
Cadmium		0.0020		**< 0.0020**	0.0005	0	0	-100	100	02/07/2024
Calcium		0.100		**< 0.100**	0.0350	0	0	-100	100	02/07/2024
Chromium		0.0050		**< 0.0050**	0.0028	0	0	-100	100	02/07/2024
Iron		0.0400		**< 0.0400**	0.0200	0	0	-100	100	02/07/2024
Lead		0.0150		**< 0.0150**	0.0014	0	0	-100	100	02/07/2024
Magnesium		0.0500		**< 0.0500**	0.0055	0	0	-100	100	02/07/2024
Manganese		0.0070		**< 0.0070**	0.0025	0	0	-100	100	02/07/2024
Potassium		0.100		**< 0.100**	0.0400	0	0	-100	100	02/07/2024
Selenium		0.0400		**< 0.0400**	0.0170	0	0	-100	100	02/07/2024
Sodium		0.0500		**< 0.0500**	0.0180	0	0	-100	100	02/07/2024
Vanadium		0.0100		**< 0.0100**	0.0009	0	0	-100	100	02/07/2024
Zinc		0.0100		**< 0.0100**	0.0050	0	0	-100	100	02/07/2024

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
Antimony		0.0500		**0.460**	0.5000	0	91.9	85	115	02/07/2024
Arsenic		0.0250		**0.491**	0.5000	0	98.2	85	115	02/07/2024
Boron		0.0200		**0.464**	0.5000	0	92.7	85	115	02/07/2024
Cadmium		0.0020		**0.0467**	0.0500	0	93.4	85	115	02/07/2024
Calcium		0.100		**2.44**	2.500	0	97.5	85	115	02/07/2024
Chromium		0.0050		**0.188**	0.2000	0	94.2	85	115	02/07/2024
Iron		0.0400		**1.92**	2.000	0	96.0	85	115	02/07/2024
Lead		0.0150		**0.480**	0.5000	0	96.0	85	115	02/07/2024
Magnesium		0.0500		**2.26**	2.500	0	90.4	85	115	02/07/2024
Manganese		0.0070		**0.482**	0.5000	0	96.3	85	115	02/07/2024
Potassium		0.100		**2.49**	2.500	0	99.5	85	115	02/07/2024
Selenium		0.0400		**0.466**	0.5000	0	93.2	85	115	02/07/2024
Sodium		0.0500		**2.36**	2.500	0	94.5	85	115	02/07/2024
Vanadium		0.0100		**0.475**	0.5000	0	95.0	85	115	02/07/2024
Zinc		0.0100		**0.470**	0.5000	0	94.0	85	115	02/07/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24010247

Client Project: NEW-24Q1 **Report Date:** 20-Feb-24

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

Batch 218350 **SampType:** MS Units **mg/L**

SampID: 24020311-002CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100	S	**62.4**	2.500	60.54	72.4	75	125	02/07/2024
Magnesium		0.050		**26.2**	2.500	24.03	87.7	75	125	02/07/2024
Potassium		0.100		**3.44**	2.500	0.9776	98.4	75	125	02/07/2024
Sodium		0.050	S	**60.9**	2.500	59.67	47.6	75	125	02/07/2024

Batch 218350 **SampType:** MSD Units **mg/L** RPD Limit **20**

SampID: 24020311-002CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Calcium		0.100		**62.5**	2.500	60.54	76.8	62.35	0.18	02/07/2024
Magnesium		0.050		**26.1**	2.500	24.03	84.4	26.22	0.32	02/07/2024
Potassium		0.100		**3.38**	2.500	0.9776	96.3	3.437	1.53	02/07/2024
Sodium		0.050	S	**60.6**	2.500	59.67	35.6	60.86	0.49	02/07/2024

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

Batch 217484 **SampType:** MBLK Units **mg/L**

SampID: MBLK-217484

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		**< 0.100**	0.0350	0	0	-100	100	01/18/2024
Magnesium		0.0500		**< 0.0500**	0.0055	0	0	-100	100	01/18/2024
Potassium		0.100		**< 0.100**	0.0400	0	0	-100	100	01/18/2024
Sodium		0.0500		**< 0.0500**	0.0180	0	0	-100	100	01/18/2024

Batch 217484 **SampType:** LCS Units **mg/L**

SampID: LCS-217484

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		**2.69**	2.500	0	107.5	85	115	01/18/2024
Magnesium		0.0500		**2.50**	2.500	0	99.9	85	115	01/18/2024
Potassium		0.100		**2.71**	2.500	0	108.4	85	115	01/18/2024
Sodium		0.0500		**2.68**	2.500	0	107.3	85	115	01/18/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll **Work Order:** 24010247

Client Project: NEW-24Q1 **Report Date:** 20-Feb-24

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

Batch 217566 **SampType:** MBLK Units **mg/L**
SampID: MBLK-217566

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		**< 0.100**	0.0350	0	0	-100	100	01/19/2024
Magnesium		0.0500		**< 0.0500**	0.0055	0	0	-100	100	01/19/2024
Potassium		0.100		**< 0.100**	0.0400	0	0	-100	100	01/19/2024
Sodium		0.0500		**< 0.0500**	0.0180	0	0	-100	100	01/19/2024

Batch 217566 **SampType:** LCS Units **mg/L**
SampID: LCS-217566

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		**2.58**	2.500	0	103.3	85	115	01/19/2024
Magnesium		0.0500		**2.35**	2.500	0	93.9	85	115	01/19/2024
Potassium		0.100		**2.58**	2.500	0	103.1	85	115	01/19/2024
Sodium		0.0500		**2.56**	2.500	0	102.4	85	115	01/19/2024

Batch 217566 **SampType:** MS Units **mg/L**
SampID: 24011270-002CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100	S	**273**	2.500	271.5	47.2	75	125	01/19/2024
Magnesium		0.0500		**97.9**	2.500	95.09	110.9	75	125	01/19/2024

Batch 217566 **SampType:** MSD Units **mg/L** RPD Limit **20**
SampID: 24011270-002CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Calcium		0.100		**274**	2.500	271.5	118.0	272.6	0.65	01/19/2024
Magnesium		0.0500	S	**98.3**	2.500	95.09	126.8	97.86	0.41	01/19/2024

Batch 217595 **SampType:** MBLK Units **mg/L**
SampID: MBLK-217595

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		**< 0.100**	0.0350	0	0	-100	100	01/24/2024
Magnesium		0.0500		**< 0.0500**	0.0055	0	0	-100	100	01/24/2024
Potassium		0.100		**< 0.100**	0.0400	0	0	-100	100	01/24/2024
Sodium		0.0500		**< 0.0500**	0.0180	0	0	-100	100	01/24/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24010247

Client Project: NEW-24Q1 **Report Date:** 20-Feb-24

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

Batch 217595 **SampType:** LCS Units **mg/L**

SampID: LCS-217595

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		**2.51**	2.500	0	100.2	85	115	01/24/2024
Magnesium		0.0500		**2.30**	2.500	0	92.1	85	115	01/24/2024
Potassium		0.100		**2.62**	2.500	0	104.8	85	115	01/24/2024
Sodium		0.0500		**2.45**	2.500	0	97.9	85	115	01/24/2024

Batch 217595 **SampType:** MS Units **mg/L**

SampID: 24010247-019BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		**92.5**	2.500	90.30	86.8	75	125	01/24/2024
Magnesium		0.050		**38.8**	2.500	36.59	87.0	75	125	01/24/2024
Potassium		0.100		**6.26**	2.500	3.466	111.8	75	125	01/24/2024
Sodium		0.050	S	**292**	2.500	291.5	20.8	75	125	01/24/2024

Batch 217595 **SampType:** MSD Units **mg/L** RPD Limit **20**

SampID: 24010247-019BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Calcium		0.100	S	**94.3**	2.500	90.30	161.6	92.47	2.00	01/24/2024
Magnesium		0.050		**39.7**	2.500	36.59	124.0	38.76	2.36	01/24/2024
Potassium		0.100		**6.31**	2.500	3.466	113.9	6.261	0.81	01/24/2024
Sodium		0.050	S	**299**	2.500	291.5	285.6	292.0	2.24	01/24/2024

Batch 217740 **SampType:** MBLK Units **mg/L**

SampID: MBLK-217740

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		0.0500		**< 0.0500**	0.0068	0	0	-100	100	01/25/2024
Arsenic		0.0250		**< 0.0250**	0.0087	0	0	-100	100	01/25/2024
Boron		0.0200		**< 0.0200**	0.0090	0	0	-100	100	01/25/2024
Cadmium		0.0020		**< 0.0020**	0.0005	0	0	-100	100	01/25/2024
Calcium		0.100		**< 0.100**	0.0350	0	0	-100	100	01/25/2024
Chromium		0.0050		**< 0.0050**	0.0028	0	0	-100	100	01/25/2024
Lead		0.0150		**< 0.0150**	0.0040	0	0	-100	100	01/25/2024
Magnesium		0.0500		**< 0.0500**	0.0055	0	0	-100	100	01/25/2024
Potassium		0.100		**< 0.100**	0.0400	0	0	-100	100	01/25/2024
Selenium		0.0400		**< 0.0400**	0.0170	0	0	-100	100	01/25/2024
Sodium		0.0500		**< 0.0500**	0.0180	0	0	-100	100	01/25/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24010247

Client Project: NEW-24Q1 **Report Date:** 20-Feb-24

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

Batch 217740 **SampType:** LCS Units **mg/L**

SampID: LCS-217740

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		0.0500		**0.527**	0.5000	0	105.4	85	115	01/25/2024
Arsenic		0.0250		**0.537**	0.5000	0	107.4	85	115	01/25/2024
Boron		0.0200		**0.506**	0.5000	0	101.2	85	115	01/25/2024
Cadmium		0.0020		**0.0516**	0.0500	0	103.2	85	115	01/25/2024
Calcium		0.100		**2.66**	2.500	0	106.4	85	115	01/25/2024
Chromium		0.0050		**0.209**	0.2000	0	104.3	85	115	01/25/2024
Lead		0.0150		**0.516**	0.5000	0	103.3	85	115	01/25/2024
Magnesium		0.0500		**2.46**	2.500	0	98.5	85	115	01/25/2024
Potassium		0.100		**2.69**	2.500	0	107.6	85	115	01/25/2024
Selenium		0.0400		**0.510**	0.5000	0	101.9	85	115	01/25/2024
Sodium		0.0500		**2.59**	2.500	0	103.7	85	115	01/25/2024

Batch 217740 **SampType:** MS Units **mg/L**

SampID: 24010247-011BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100	S	**89.5**	2.500	85.83	148.4	75	125	01/25/2024
Magnesium		0.050		**36.8**	2.500	33.95	115.5	75	125	01/25/2024
Potassium		0.100		**5.41**	2.500	2.720	107.5	75	125	01/25/2024
Sodium		0.050	S	**89.1**	2.500	85.79	130.8	75	125	01/25/2024

Batch 217740 **SampType:** MSD Units **mg/L** RPD Limit **20**

SampID: 24010247-011BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Calcium		0.100		**88.9**	2.500	85.83	124.4	89.54	0.67	01/25/2024
Magnesium		0.050		**36.6**	2.500	33.95	107.0	36.84	0.58	01/25/2024
Potassium		0.100		**5.40**	2.500	2.720	107.3	5.408	0.08	01/25/2024
Sodium		0.050		**88.7**	2.500	85.79	117.6	89.06	0.37	01/25/2024

Batch 217822 **SampType:** MBLK Units **mg/L**

SampID: MBLK-217822

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		**< 0.100**	0.0350	0	0	-100	100	01/26/2024
Magnesium		0.0500		**< 0.0500**	0.0055	0	0	-100	100	01/26/2024
Potassium		0.100		**< 0.100**	0.0400	0	0	-100	100	01/26/2024
Sodium		0.0500		**< 0.0500**	0.0180	0	0	-100	100	01/26/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24010247

Client Project: NEW-24Q1 **Report Date:** 20-Feb-24

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

Batch 217822 **SampType:** LCS Units **mg/L**
SampID: LCS-217822

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		**2.56**	2.500	0	102.4	85	115	01/26/2024
Magnesium		0.0500		**2.35**	2.500	0	94.0	85	115	01/26/2024
Potassium		0.100		**2.63**	2.500	0	105.2	85	115	01/26/2024
Sodium		0.0500		**2.52**	2.500	0	100.7	85	115	01/26/2024

Batch 217822 **SampType:** MS Units **mg/L**
SampID: 24010247-092CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100	S	**550**	2.500	537.6	486.8	75	125	01/26/2024
Magnesium		0.050	S	**284**	2.500	278.6	213.1	75	125	01/26/2024
Potassium		0.100		**9.06**	2.500	6.270	111.7	75	125	01/26/2024
Sodium		0.050	S	**175**	2.500	169.9	201.2	75	125	01/26/2024

Batch 217822 **SampType:** MSD Units **mg/L** RPD Limit **20**
SampID: 24010247-092CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Calcium		0.100	S	**551**	2.500	537.6	550.0	549.7	0.29	01/26/2024
Magnesium		0.050	S	**284**	2.500	278.6	228.2	283.9	0.13	01/26/2024
Potassium		0.100		**9.06**	2.500	6.270	111.5	9.063	0.06	01/26/2024
Sodium		0.050	S	**174**	2.500	169.9	175.6	175.0	0.37	01/26/2024

Batch 217877 **SampType:** MBLK Units **mg/L**
SampID: MBLK-217877

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		**< 0.100**	0.0350	0	0	-100	100	01/26/2024
Magnesium		0.0500		**< 0.0500**	0.0055	0	0	-100	100	01/26/2024
Potassium		0.100		**< 0.100**	0.0400	0	0	-100	100	01/26/2024
Sodium		0.0500		**< 0.0500**	0.0180	0	0	-100	100	01/26/2024

Batch 217877 **SampType:** LCS Units **mg/L**
SampID: LCS-217877

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		**2.56**	2.500	0	102.3	85	115	01/26/2024
Magnesium		0.0500		**2.35**	2.500	0	94.2	85	115	01/26/2024
Potassium		0.100		**2.65**	2.500	0	106.0	85	115	01/26/2024
Sodium		0.0500		**2.53**	2.500	0	101.2	85	115	01/26/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24010247

Client Project: NEW-24Q1 **Report Date:** 20-Feb-24

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

Batch 217908 **SampType:** MBLK Units **mg/L**
SampID: MBLK-217908

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		**< 0.100**	0.0350	0	0	-100	100	01/29/2024
Chromium		0.0050		**< 0.0050**	0.0028	0	0	-100	100	01/29/2024
Magnesium		0.0500		**< 0.0500**	0.0055	0	0	-100	100	01/29/2024
Potassium		0.100		**< 0.100**	0.0400	0	0	-100	100	01/29/2024
Sodium		0.0500	S	**0.0986**	0.0180	0	547.8	-100	100	01/29/2024

Batch 217908 **SampType:** LCS Units **mg/L**
SampID: LCS-217908

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		**2.61**	2.500	0	104.4	85	115	01/29/2024
Chromium		0.0050		**0.202**	0.2000	0	101.0	85	115	01/29/2024
Magnesium		0.0500		**2.47**	2.500	0	98.9	85	115	01/29/2024
Potassium		0.100		**2.64**	2.500	0	105.7	85	115	01/29/2024
Sodium		0.0500	B	**2.58**	2.500	0	103.4	85	115	01/29/2024

Batch 217908 **SampType:** MS Units **mg/L**
SampID: 24010247-107CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		**2.56**	2.500	0.04000	101.0	75	125	01/29/2024
Magnesium		0.050		**2.43**	2.500	0.008800	97.0	75	125	01/29/2024
Potassium		0.100		**2.57**	2.500	0	102.9	75	125	01/29/2024
Sodium		0.050	B	**2.53**	2.500	0.02510	100.1	75	125	01/29/2024

Batch 217908 **SampType:** MSD Units **mg/L** RPD Limit **20**
SampID: 24010247-107CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Calcium		0.100		**2.61**	2.500	0.04000	102.8	2.564	1.73	01/29/2024
Magnesium		0.050		**2.46**	2.500	0.008800	98.1	2.433	1.20	01/29/2024
Potassium		0.100		**2.61**	2.500	0	104.4	2.573	1.44	01/29/2024
Sodium		0.050	B	**2.56**	2.500	0.02510	101.3	2.527	1.17	01/29/2024

Batch 217908 **SampType:** MS Units **mg/L**
SampID: 24011794-003FMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chromium		0.0050		**0.398**	0.2000	0.1989	99.6	75	125	01/29/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll **Work Order:** 24010247

Client Project: NEW-24Q1 **Report Date:** 20-Feb-24

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

Batch 217908 **SampType:** MSD Units **mg/L** RPD Limit **20**

SampID: 24011794-003FMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chromium		0.0050		**0.389**	0.2000	0.1989	95.2	0.3980	2.21	01/29/2024

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

Batch 216527 **SampType:** MBLK Units **µg/L**

SampID: MBLK-216527

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		1.0		**< 1.0**	0.4500	0	0	-100	100	01/31/2024
Arsenic		1.0		**< 1.0**	0.3750	0	0	-100	100	01/31/2024
Boron		25.0		**< 25.0**	9.250	0	0	-100	100	01/31/2024
Cadmium		1.0		**< 1.0**	0.1340	0	0	-100	100	01/31/2024
Chromium		1.5		**< 1.5**	0.7000	0	0	-100	100	01/31/2024
Iron		25.0		**< 25.0**	11.50	0	0	-100	100	01/31/2024
Lead		1.0		**< 1.0**	0.6000	0	0	-100	100	01/31/2024
Manganese		2.0		**< 2.0**	0.7500	0	0	-100	100	01/31/2024
Selenium		1.0		**< 1.0**	0.6000	0	0	-100	100	01/31/2024
Vanadium		5.0		**< 5.0**	5.000	0	0	-100	100	01/31/2024
Zinc		15.0		**< 15.0**	5.900	0	0	-100	100	01/31/2024

Batch 216527 **SampType:** LCS Units **µg/L**

SampID: LCS-216527

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		1.0		**439**	500.0	0	87.8	80	120	01/31/2024
Arsenic		1.0		**456**	500.0	0	91.1	80	120	01/31/2024
Boron		25.0		**428**	500.0	0	85.5	80	120	01/31/2024
Cadmium		1.0		**43.6**	50.00	0	87.1	80	120	01/31/2024
Chromium		1.5		**174**	200.0	0	87.1	80	120	01/31/2024
Iron		25.0		**1790**	2000	0	89.4	80	120	01/31/2024
Lead		1.0		**435**	500.0	0	87.0	80	120	01/31/2024
Manganese		2.0		**422**	500.0	0	84.3	80	120	01/31/2024
Selenium		1.0		**429**	500.0	0	85.9	80	120	01/31/2024
Vanadium		5.0		**430**	500.0	0	86.0	80	120	02/05/2024
Zinc		15.0		**435**	500.0	0	87.0	80	120	01/31/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24010247

Client Project: NEW-24Q1 **Report Date:** 20-Feb-24

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

Batch 216527 **SampType:** MS Units **µg/L**

SampID: 24010247-041CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Arsenic		1.0		**463**	500.0	0	92.7	75	125	01/31/2024
Boron		25.0		**557**	500.0	119.4	87.4	75	125	01/31/2024
Cadmium		1.0		**44.2**	50.00	0	88.4	75	125	01/31/2024
Chromium		1.5		**186**	200.0	15.79	85.2	75	125	01/31/2024
Iron		25.0		**1790**	2000	19.72	88.5	75	125	01/31/2024
Lead		1.0		**449**	500.0	0	89.9	75	125	01/31/2024
Manganese		2.0		**433**	500.0	2.017	86.2	75	125	01/31/2024
Selenium		1.0		**418**	500.0	0	83.6	75	125	01/31/2024
Zinc		15.0		**407**	500.0	0	81.4	75	125	01/31/2024

Batch 216527 **SampType:** MSD Units **µg/L** RPD Limit **20**

SampID: 24010247-041CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Arsenic		1.0		**478**	500.0	0	95.7	463.4	3.17	01/31/2024
Boron		25.0		**545**	500.0	119.4	85.1	556.6	2.08	01/31/2024
Cadmium		1.0		**43.7**	50.00	0	87.3	44.19	1.20	01/31/2024
Chromium		1.5		**189**	200.0	15.79	86.4	186.3	1.26	01/31/2024
Iron		25.0		**1830**	2000	19.72	90.6	1790	2.30	01/31/2024
Lead		1.0		**443**	500.0	0	88.6	449.3	1.39	01/31/2024
Manganese		2.0		**437**	500.0	2.017	87.0	432.9	0.98	01/31/2024
Selenium		1.0		**430**	500.0	0	85.9	418.0	2.72	01/31/2024
Zinc		15.0		**415**	500.0	0	83.0	407.2	1.83	01/31/2024

Batch 217571 **SampType:** MBLK Units **µg/L**

SampID: MBLK-217571

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		1.0		**< 1.0**	0.4500	0	0	-100	100	01/23/2024
Arsenic		1.0		**< 1.0**	0.3750	0	0	-100	100	01/23/2024
Boron		25.0		**< 25.0**	9.250	0	0	-100	100	01/24/2024
Cadmium		1.0		**< 1.0**	0.1340	0	0	-100	100	01/23/2024
Chromium		1.5		**< 1.5**	0.7000	0	0	-100	100	01/29/2024
Lead		1.0	S	**5.0**	0.6000	0	830.6	-100	100	01/23/2024
Selenium		1.0		**< 1.0**	0.6000	0	0	-100	100	01/23/2024
Vanadium		5.0		**< 5.0**	5.000	0	0	-100	100	01/23/2024
Zinc		15.0		**< 15.0**	5.900	0	0	-100	100	01/30/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24010247

Client Project: NEW-24Q1 **Report Date:** 20-Feb-24

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

Batch 217571 **SampType:** LCS Units µg/L

SampID: LCS-217571

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		1.0		**476**	500.0	0	95.3	80	120	01/23/2024
Arsenic		1.0		**472**	500.0	0	94.4	80	120	01/23/2024
Boron		25.0		**445**	500.0	0	89.0	80	120	01/24/2024
Cadmium		1.0		**47.4**	50.00	0	94.8	80	120	01/23/2024
Chromium		1.5		**173**	200.0	0	86.7	80	120	01/29/2024
Lead		1.0	B	**461**	500.0	0	92.2	80	120	01/23/2024
Selenium		1.0		**456**	500.0	0	91.2	80	120	01/23/2024
Zinc		15.0		**441**	500.0	0	88.2	80	120	01/30/2024

Batch 217616 **SampType:** MBLK Units µg/L

SampID: MBLK-217616

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		1.0		**< 1.0**	0.4500	0	0	-100	100	01/23/2024
Arsenic		1.0		**< 1.0**	0.3750	0	0	-100	100	01/23/2024
Boron		25.0		**< 25.0**	9.250	0	0	-100	100	01/23/2024
Cadmium		1.0		**< 1.0**	0.1340	0	0	-100	100	01/23/2024
Chromium		1.5		**< 1.5**	0.7000	0	0	-100	100	01/23/2024
Lead		1.0		**< 1.0**	0.6000	0	0	-100	100	01/23/2024
Manganese		2.0		**< 2.0**	0.7500	0	0	-100	100	01/23/2024
Selenium		1.0		**< 1.0**	0.6000	0	0	-100	100	01/23/2024
Vanadium		5.0		**< 5.0**	5.000	0	0	-100	100	01/23/2024
Zinc		15.0		**< 15.0**	5.900	0	0	-100	100	01/30/2024

Batch 217616 **SampType:** LCS Units µg/L

SampID: LCS-217616

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		1.0		**478**	500.0	0	95.6	80	120	01/23/2024
Arsenic		1.0		**475**	500.0	0	95.1	80	120	01/23/2024
Boron		25.0		**471**	500.0	0	94.1	80	120	01/23/2024
Cadmium		1.0		**46.9**	50.00	0	93.8	80	120	01/23/2024
Chromium		1.5		**182**	200.0	0	90.9	80	120	01/23/2024
Lead		1.0		**435**	500.0	0	86.9	80	120	01/23/2024
Manganese		2.0		**468**	500.0	0	93.6	80	120	01/23/2024
Selenium		1.0		**454**	500.0	0	90.7	80	120	01/23/2024
Vanadium		5.0		**447**	500.0	0	89.4	80	120	01/30/2024
Zinc		15.0		**451**	500.0	0	90.2	80	120	01/30/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24010247

Client Project: NEW-24Q1 **Report Date:** 20-Feb-24

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

Batch 217616 **SampType:** MS Units **µg/L**

SampID: 24010247-064CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		1.0		**490**	500.0	0	97.9	75	125	01/23/2024
Arsenic		1.0		**476**	500.0	7.376	93.8	75	125	01/23/2024
Boron		25.0		**603**	500.0	164.5	87.6	75	125	01/23/2024
Cadmium		1.0		**46.4**	50.00	0	92.8	75	125	01/23/2024
Chromium		1.5		**170**	200.0	1.170	84.3	75	125	01/29/2024
Lead		1.0		**499**	500.0	2.350	99.4	75	125	01/23/2024
Selenium		1.0		**462**	500.0	0	92.3	75	125	01/23/2024
Vanadium		5.0		**441**	500.0	0	88.1	75	125	01/30/2024

Batch 217616 **SampType:** MSD Units **µg/L** RPD Limit **20**

SampID: 24010247-064CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Antimony		1.0		**486**	500.0	0	97.2	489.7	0.72	01/23/2024
Arsenic		1.0		**474**	500.0	7.376	93.3	476.2	0.52	01/23/2024
Boron		25.0		**604**	500.0	164.5	87.9	602.7	0.20	01/23/2024
Cadmium		1.0		**45.1**	50.00	0	90.3	46.39	2.77	01/23/2024
Chromium		1.5		**175**	200.0	1.170	86.7	169.7	2.87	01/29/2024
Lead		1.0		**453**	500.0	2.350	90.1	499.1	9.75	01/23/2024
Selenium		1.0		**449**	500.0	0	89.9	461.5	2.67	01/23/2024
Vanadium		5.0		**436**	500.0	0	87.1	440.6	1.14	01/30/2024

Batch 217616 **SampType:** MS Units **µg/L**

SampID: 24011359-009CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Arsenic		1.0		**466**	500.0	0	93.1	75	125	01/23/2024
Lead		1.0		**457**	500.0	0	91.4	75	125	01/23/2024

Batch 217616 **SampType:** MSD Units **µg/L** RPD Limit **20**

SampID: 24011359-009CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Arsenic		1.0		**470**	500.0	0	94.0	465.7	0.90	01/23/2024
Lead		1.0		**433**	500.0	0	86.7	457.0	5.30	01/23/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24010247

Client Project: NEW-24Q1 **Report Date:** 20-Feb-24

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

Batch 217751 **SampType:** MBLK Units µg/L
SampID: MBLK-217751

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		1.0		**< 1.0**	0.4500	0	0	-100	100	01/30/2024
Boron		25.0		**< 25.0**	9.250	0	0	-100	100	01/31/2024
Cadmium		1.0		**< 1.0**	0.1340	0	0	-100	100	01/30/2024
Chromium		1.5		**< 1.5**	0.7000	0	0	-100	100	01/30/2024
Iron		25.0		**< 25.0**	11.50	0	0	-100	100	01/30/2024
Lead		1.0		**< 1.0**	0.6000	0	0	-100	100	01/30/2024
Manganese		2.0		**< 2.0**	0.7500	0	0	-100	100	01/30/2024
Vanadium		5.0		**< 5.0**	5.000	0	0	-100	100	01/30/2024
Zinc		15.0		**< 15.0**	5.900	0	0	-100	100	01/30/2024

Batch 217751 **SampType:** LCS Units µg/L
SampID: LCS-217751

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		1.0		**435**	500.0	0	87.0	80	120	01/30/2024
Boron		25.0		**436**	500.0	0	87.3	80	120	01/31/2024
Cadmium		1.0		**43.9**	50.00	0	87.9	80	120	01/30/2024
Chromium		1.5		**175**	200.0	0	87.5	80	120	01/30/2024
Iron		25.0		**1850**	2000	0	92.3	80	120	01/30/2024
Lead		1.0		**436**	500.0	0	87.2	80	120	01/30/2024
Manganese		2.0		**440**	500.0	0	87.9	80	120	01/30/2024
Vanadium		5.0		**447**	500.0	0	89.4	80	120	01/30/2024
Zinc		15.0		**452**	500.0	0	90.5	80	120	01/30/2024

Batch 217878 **SampType:** MBLK Units µg/L
SampID: MBLK-217878

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Arsenic		1.0		**< 1.0**	0.3750	0	0	-100	100	02/01/2024
Boron		25.0		**< 25.0**	9.250	0	0	-100	100	02/01/2024
Cadmium		1.0		**< 1.0**	0.1340	0	0	-100	100	02/01/2024
Chromium		1.5		**< 1.5**	0.7000	0	0	-100	100	02/05/2024
Iron		25.0		**< 25.0**	11.50	0	0	-100	100	02/01/2024
Lead		1.0		**< 1.0**	0.6000	0	0	-100	100	02/01/2024
Manganese		2.0		**< 2.0**	0.7500	0	0	-100	100	02/01/2024
Selenium		1.0		**< 1.0**	0.6000	0	0	-100	100	02/01/2024
Zinc		15.0		**< 15.0**	5.900	0	0	-100	100	02/01/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll **Work Order:** 24010247

Client Project: NEW-24Q1 **Report Date:** 20-Feb-24

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

Batch 217878 **SampType:** LCS Units **µg/L**

SampID: LCS-217878

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Arsenic		1.0		**468**	500.0	0	93.6	80	120	02/01/2024
Boron		25.0		**433**	500.0	0	86.6	80	120	02/01/2024
Cadmium		1.0		**43.6**	50.00	0	87.2	80	120	02/01/2024
Chromium		1.5		**172**	200.0	0	85.8	80	120	02/05/2024
Iron		25.0		**1890**	2000	0	94.5	80	120	02/01/2024
Lead		1.0		**447**	500.0	0	89.3	80	120	02/01/2024
Manganese		2.0		**450**	500.0	0	90.0	80	120	02/01/2024
Selenium		1.0		**457**	500.0	0	91.5	80	120	02/01/2024
Zinc		15.0		**441**	500.0	0	88.2	80	120	02/01/2024

Batch 217953 **SampType:** MBLK Units **µg/L**

SampID: MBLK-217953

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		1.0		**< 1.0**	0.4500	0	0	-100	100	02/01/2024
Arsenic		1.0		**< 1.0**	0.3750	0	0	-100	100	02/01/2024
Boron		25.0		**< 25.0**	9.250	0	0	-100	100	02/01/2024
Cadmium		1.0		**< 1.0**	0.1340	0	0	-100	100	02/01/2024
Chromium		1.5		**< 1.5**	0.7000	0	0	-100	100	02/05/2024
Iron		25.0		**< 25.0**	11.50	0	0	-100	100	02/01/2024
Lead		1.0		**< 1.0**	0.6000	0	0	-100	100	02/01/2024
Manganese		2.0		**< 2.0**	0.7500	0	0	-100	100	02/01/2024
Selenium		1.0		**< 1.0**	0.6000	0	0	-100	100	02/01/2024
Vanadium		5.0		**< 5.0**	5.000	0	0	-100	100	02/01/2024
Zinc		15.0		**< 15.0**	5.900	0	0	-100	100	02/01/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24010247

Client Project: NEW-24Q1 **Report Date:** 20-Feb-24

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

Batch 217953 **SampType:** LCS Units **µg/L**

SampID: LCS-217953

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		1.0		**423**	500.0	0	84.5	80	120	02/01/2024
Arsenic		1.0		**466**	500.0	0	93.2	80	120	02/01/2024
Boron		25.0		**423**	500.0	0	84.6	80	120	02/01/2024
Cadmium		1.0		**42.9**	50.00	0	85.9	80	120	02/01/2024
Chromium		1.5		**171**	200.0	0	85.4	80	120	02/05/2024
Iron		25.0		**1870**	2000	0	93.4	80	120	02/01/2024
Lead		1.0		**440**	500.0	0	88.0	80	120	02/01/2024
Manganese		2.0		**452**	500.0	0	90.3	80	120	02/01/2024
Selenium		1.0		**428**	500.0	0	85.7	80	120	02/01/2024
Vanadium		5.0		**419**	500.0	0	83.9	80	120	02/05/2024
Zinc		15.0		**432**	500.0	0	86.4	80	120	02/05/2024

Batch 217953 **SampType:** MS Units **µg/L**

SampID: 24010247-104CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Arsenic		1.0		**452**	500.0	0	90.5	75	125	02/05/2024
Boron		25.0		**523**	500.0	68.44	91.0	75	125	02/01/2024
Cadmium		1.0		**41.9**	50.00	0	83.7	75	125	02/01/2024
Chromium		1.5		**166**	200.0	1.185	82.6	75	125	02/05/2024
Iron		25.0		**1790**	2000	0	89.7	75	125	02/01/2024
Lead		1.0		**443**	500.0	0	88.5	75	125	02/01/2024
Manganese		2.0		**449**	500.0	0.7612	89.6	75	125	02/01/2024
Selenium		1.0		**433**	500.0	0	86.6	75	125	02/01/2024
Zinc		15.0		**439**	500.0	27.65	82.2	75	125	02/05/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24010247

Client Project: NEW-24Q1 **Report Date:** 20-Feb-24

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

Batch 217953 **SampType:** MSD Units µg/L RPD Limit 20

SampID: 24010247-104CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Arsenic		1.0		**465**	500.0	0	93.0	452.5	2.73	02/05/2024
Boron		25.0		**543**	500.0	68.44	95.0	523.2	3.75	02/01/2024
Cadmium		1.0		**41.8**	50.00	0	83.7	41.86	0.03	02/01/2024
Chromium		1.5		**153**	200.0	1.185	75.8	166.3	8.55	02/05/2024
Iron		25.0		**1870**	2000	0	93.5	1795	4.09	02/01/2024
Lead		1.0		**444**	500.0	0	88.9	442.7	0.39	02/01/2024
Manganese		2.0		**453**	500.0	0.7612	90.5	448.9	1.00	02/01/2024
Selenium		1.0		**433**	500.0	0	86.5	432.8	0.02	02/01/2024
Zinc		15.0		**446**	500.0	27.65	83.7	438.9	1.67	02/05/2024

Batch 218350 **SampType:** MBLK Units µg/L

SampID: MBLK-218350

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		1.0		**< 1.0**	0.4500	0	0	-100	100	02/07/2024
Arsenic		1.0		**< 1.0**	0.3750	0	0	-100	100	02/09/2024
Boron		25.0		**< 25.0**	9.250	0	0	-100	100	02/09/2024
Chromium		1.5		**< 1.5**	0.7000	0	0	-100	100	02/09/2024
Lead		1.0		**< 1.0**	0.6000	0	0	-100	100	02/07/2024
Manganese		2.0		**< 2.0**	0.7500	0	0	-100	100	02/09/2024
Selenium		1.0		**< 1.0**	0.6000	0	0	-100	100	02/09/2024
Zinc		15.0		**< 15.0**	5.900	0	0	-100	100	02/09/2024

Batch 218350 **SampType:** LCS Units µg/L

SampID: LCS-218350

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		1.0		**472**	500.0	0	94.5	80	120	02/07/2024
Arsenic		1.0		**493**	500.0	0	98.7	80	120	02/09/2024
Boron		25.0		**433**	500.0	0	86.6	80	120	02/09/2024
Chromium		1.5		**190**	200.0	0	94.8	80	120	02/09/2024
Lead		1.0		**524**	500.0	0	104.8	80	120	02/07/2024
Manganese		2.0		**477**	500.0	0	95.4	80	120	02/09/2024
Selenium		1.0		**490**	500.0	0	98.0	80	120	02/09/2024
Zinc		15.0		**472**	500.0	0	94.3	80	120	02/09/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24010247

Client Project: NEW-24Q1 **Report Date:** 20-Feb-24

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

Batch 218350 **SampType:** MS Units **µg/L**
SampID: 24020311-002CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		1.0		**471**	500.0	0	94.1	75	125	02/09/2024
Arsenic		1.0		**498**	500.0	22.42	95.1	75	125	02/09/2024
Lead		1.0		**595**	500.0	0	119.0	75	125	02/07/2024
Selenium		1.0		**471**	500.0	0	94.2	75	125	02/09/2024

Batch 218350 **SampType:** MSD Units **µg/L** RPD Limit **20**
SampID: 24020311-002CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Antimony		1.0		**478**	500.0	0	95.7	470.6	1.64	02/09/2024
Arsenic		1.0		**498**	500.0	22.42	95.1	497.8	0.06	02/09/2024
Lead		1.0		**559**	500.0	0	111.8	594.8	6.20	02/07/2024
Selenium		1.0		**478**	500.0	0	95.5	470.9	1.40	02/09/2024

Batch 218350 **SampType:** DUP Units **µg/L** RPD Limit **20**
SampID: 24010247-064CDUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Zinc		15.0		**< 15.0**				0	0.00	02/09/2024

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

Batch 217484 **SampType:** MBLK Units **µg/L**
SampID: MBLK-217484

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		1.0		**< 1.0**	0.4500	0	0	-100	100	01/19/2024
Arsenic		1.0		**< 1.0**	0.3750	0	0	-100	100	01/23/2024
Barium		1.0		**< 1.0**	0.7000	0	0	-100	100	01/23/2024
Cadmium		1.0		**< 1.0**	0.1340	0	0	-100	100	01/23/2024
Chromium		1.5		**< 1.5**	0.7000	0	0	-100	100	01/23/2024
Cobalt		1.0		**< 1.0**	0.1150	0	0	-100	100	01/19/2024
Lead		1.0		**< 1.0**	0.6000	0	0	-100	100	01/23/2024
Molybdenum		1.5		**< 1.5**	0.6000	0	0	-100	100	01/31/2024
Selenium		1.0		**< 1.0**	0.6000	0	0	-100	100	01/19/2024
Thallium		2.0		**< 2.0**	0.9500	0	0	-100	100	01/19/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll **Work Order:** 24010247

Client Project: NEW-24Q1 **Report Date:** 20-Feb-24

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

Batch 217484 **SampType:** LCS Units µg/L

SampID: LCS-217484

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		1.0		**456**	500.0	0	91.1	80	120	01/19/2024
Arsenic		1.0		**518**	500.0	0	103.7	80	120	01/23/2024
Barium		1.0		**2050**	2000	0	102.4	80	120	01/23/2024
Cadmium		1.0		**51.1**	50.00	0	102.2	80	120	01/23/2024
Chromium		1.5		**201**	200.0	0	100.5	80	120	01/23/2024
Cobalt		1.0		**465**	500.0	0	93.1	80	120	01/19/2024
Lead		1.0		**508**	500.0	0	101.5	80	120	01/23/2024
Molybdenum		1.5		**473**	500.0	0	94.6	80	120	01/31/2024
Selenium		1.0		**486**	500.0	0	97.2	80	120	01/19/2024
Thallium		2.0		**216**	250.0	0	86.5	80	120	01/19/2024

Batch 217566 **SampType:** MBLK Units µg/L

SampID: MBLK-217566

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		1.0		**< 1.0**	0.4500	0	0	-100	100	01/23/2024
Arsenic		1.0		**< 1.0**	0.3750	0	0	-100	100	01/23/2024
Barium		1.0		**< 1.0**	0.7000	0	0	-100	100	01/23/2024
Beryllium		1.0		**< 1.0**	0.2500	0	0	-100	100	01/23/2024
Boron		25.0		**< 25.0**	9.250	0	0	-100	100	01/24/2024
Cadmium		1.0		**< 1.0**	0.1340	0	0	-100	100	01/23/2024
Chromium		1.5		**< 1.5**	0.7000	0	0	-100	100	01/29/2024
Cobalt		1.0		**< 1.0**	0.1150	0	0	-100	100	01/23/2024
Lead		1.0		**< 1.0**	0.6000	0	0	-100	100	01/23/2024
Lithium	*	3.0		**< 3.0**	1.450	0	0	-100	100	01/23/2024
Molybdenum		1.5		**< 1.5**	0.6000	0	0	-100	100	01/30/2024
Selenium		1.0		**< 1.0**	0.6000	0	0	-100	100	01/23/2024
Thallium		2.0		**< 2.0**	0.9500	0	0	-100	100	01/23/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll **Work Order:** 24010247

Client Project: NEW-24Q1 **Report Date:** 20-Feb-24

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

Batch 217566 **SampType:** LCS Units µg/L

SampID: LCS-217566

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		1.0		**522**	500.0	0	104.4	80	120	01/23/2024
Arsenic		1.0		**502**	500.0	0	100.4	80	120	01/23/2024
Barium		1.0		**2020**	2000	0	101.1	80	120	01/23/2024
Beryllium		1.0		**49.9**	50.00	0	99.7	80	120	01/23/2024
Boron		25.0		**489**	500.0	0	97.8	80	120	01/24/2024
Cadmium		1.0		**50.4**	50.00	0	100.7	80	120	01/23/2024
Chromium		1.5		**191**	200.0	0	95.6	80	120	01/29/2024
Cobalt		1.0		**484**	500.0	0	96.8	80	120	01/23/2024
Lead		1.0		**491**	500.0	0	98.1	80	120	01/23/2024
Lithium	*	3.0		**500**	500.0	0	100.0	80	120	01/23/2024
Molybdenum		1.5		**465**	500.0	0	93.0	80	120	01/30/2024
Selenium		1.0		**483**	500.0	0	96.6	80	120	01/23/2024
Thallium		2.0		**207**	250.0	0	82.8	80	120	01/23/2024

Batch 217595 **SampType:** MBLK Units µg/L

SampID: MBLK-217595

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		1.0		**< 1.0**	0.4500	0	0	-100	100	01/30/2024
Arsenic		1.0		**< 1.0**	0.3750	0	0	-100	100	01/24/2024
Barium		1.0		**< 1.0**	0.7000	0	0	-100	100	01/24/2024
Beryllium		1.0		**< 1.0**	0.2500	0	0	-100	100	01/24/2024
Boron		25.0		**< 25.0**	9.250	0	0	-100	100	01/24/2024
Cadmium		1.0		**< 1.0**	0.1340	0	0	-100	100	01/24/2024
Cobalt		1.0		**< 1.0**	0.1150	0	0	-100	100	01/30/2024
Lead		1.0		**< 1.0**	0.6000	0	0	-100	100	01/24/2024
Lithium	*	3.0		**< 3.0**	1.450	0	0	-100	100	01/24/2024
Molybdenum		1.5		**< 1.5**	0.6000	0	0	-100	100	01/30/2024
Selenium		1.0		**< 1.0**	0.6000	0	0	-100	100	01/24/2024
Thallium		2.0		**< 2.0**	0.9500	0	0	-100	100	01/29/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24010247

Client Project: NEW-24Q1 **Report Date:** 20-Feb-24

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

Batch 217595 **SampType:** LCS Units µg/L

SampID: LCS-217595

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		1.0		**542**	500.0	0	108.4	80	120	01/30/2024
Arsenic		1.0		**462**	500.0	0	92.3	80	120	01/24/2024
Barium		1.0		**2110**	2000	0	105.5	80	120	01/30/2024
Beryllium		1.0		**46.4**	50.00	0	92.8	80	120	01/24/2024
Boron		25.0		**456**	500.0	0	91.1	80	120	01/24/2024
Cadmium		1.0		**43.8**	50.00	0	87.7	80	120	01/24/2024
Chromium		1.5		**200**	200.0	0	100.1	80	120	01/29/2024
Cobalt		1.0		**455**	500.0	0	90.9	80	120	01/31/2024
Lead		1.0		**461**	500.0	0	92.2	80	120	01/24/2024
Lithium	*	3.0		**462**	500.0	0	92.3	80	120	01/24/2024
Molybdenum		1.5		**495**	500.0	0	99.0	80	120	01/30/2024
Selenium		1.0		**432**	500.0	0	86.5	80	120	01/24/2024
Thallium		2.0		**250**	250.0	0	100.2	80	120	01/29/2024

Batch 217595 **SampType:** MS Units µg/L

SampID: 24010247-019BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		1.0		**540**	500.0	0	108.0	75	125	01/30/2024
Arsenic		1.0		**506**	500.0	28.09	95.6	75	125	01/24/2024
Barium		1.0		**2720**	2000	618.6	105.0	75	125	01/30/2024
Beryllium		1.0		**47.4**	50.00	0	94.8	75	125	01/24/2024
Boron		25.0		**569**	500.0	126.1	88.6	75	125	01/24/2024
Cadmium		1.0		**43.3**	50.00	0	86.7	75	125	01/24/2024
Chromium		1.5		**204**	200.0	5.279	99.6	75	125	01/29/2024
Cobalt		1.0		**469**	500.0	1.651	93.5	75	125	02/01/2024
Lead		1.0		**479**	500.0	2.253	95.4	75	125	01/24/2024
Lithium	*	3.0		**453**	500.0	7.573	89.1	75	125	01/24/2024
Molybdenum		1.5		**510**	500.0	5.349	100.9	75	125	01/30/2024
Selenium		1.0		**441**	500.0	0	88.1	75	125	01/24/2024
Thallium		2.0		**209**	250.0	0	83.4	75	125	01/30/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24010247

Client Project: NEW-24Q1 **Report Date:** 20-Feb-24

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

Batch 217595 **SampType:** MSD Units µg/L RPD Limit 20

SampID: 24010247-019BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Antimony		1.0		**557**	500.0	0	111.5	540.1	3.15	01/30/2024
Arsenic		1.0		**529**	500.0	28.09	100.1	506.2	4.35	01/24/2024
Barium		1.0		**2800**	2000	618.6	109.3	2720	3.08	01/30/2024
Beryllium		1.0		**49.4**	50.00	0	98.7	47.42	3.99	01/24/2024
Boron		25.0		**600**	500.0	126.1	94.8	569.2	5.29	01/24/2024
Cadmium		1.0		**44.3**	50.00	0	88.6	43.35	2.16	01/24/2024
Chromium		1.5		**206**	200.0	5.279	100.3	204.4	0.69	01/29/2024
Cobalt		1.0		**457**	500.0	1.651	91.1	469.3	2.58	02/01/2024
Lead		1.0		**499**	500.0	2.253	99.4	479.0	4.09	01/24/2024
Lithium	*	3.0		**471**	500.0	7.573	92.7	453.3	3.86	01/24/2024
Molybdenum		1.5		**546**	500.0	5.349	108.1	509.6	6.86	01/30/2024
Selenium		1.0		**455**	500.0	0	90.9	440.6	3.15	01/24/2024
Thallium		2.0		**229**	250.0	0	91.5	208.5	9.26	01/30/2024

Batch 217740 **SampType:** MBLK Units µg/L

SampID: MBLK-217740

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		1.0		**< 1.0**	0.4500	0	0	-100	100	01/31/2024
Arsenic		1.0		**< 1.0**	0.3750	0	0	-100	100	01/31/2024
Barium		1.0		**< 1.0**	0.7000	0	0	-100	100	01/31/2024
Beryllium		1.0		**< 1.0**	0.2500	0	0	-100	100	01/31/2024
Boron		25.0		**< 25.0**	9.250	0	0	-100	100	01/31/2024
Cadmium		1.0		**< 1.0**	0.1340	0	0	-100	100	01/31/2024
Chromium		1.5		**< 1.5**	0.7000	0	0	-100	100	01/31/2024
Cobalt		1.0		**< 1.0**	0.1150	0	0	-100	100	01/31/2024
Lead		1.0		**< 1.0**	0.6000	0	0	-100	100	01/31/2024
Lithium	*	3.0		**< 3.0**	1.450	0	0	-100	100	01/31/2024
Molybdenum		1.5		**< 1.5**	0.6000	0	0	-100	100	01/31/2024
Selenium		1.0		**< 1.0**	0.6000	0	0	-100	100	01/31/2024
Thallium		2.0		**< 2.0**	0.9500	0	0	-100	100	01/31/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24010247

Client Project: NEW-24Q1 **Report Date:** 20-Feb-24

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

Batch 217740 **SampType:** LCS Units µg/L

SampID: LCS-217740

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		1.0		**510**	500.0	0	102.0	80	120	01/31/2024
Arsenic		1.0		**511**	500.0	0	102.1	80	120	01/31/2024
Barium		1.0		**1940**	2000	0	97.2	80	120	01/31/2024
Beryllium		1.0		**52.1**	50.00	0	104.2	80	120	01/31/2024
Boron		25.0		**505**	500.0	0	101.0	80	120	01/31/2024
Cadmium		1.0		**49.0**	50.00	0	97.9	80	120	01/31/2024
Chromium		1.5		**204**	200.0	0	101.8	80	120	01/31/2024
Cobalt		1.0		**485**	500.0	0	96.9	80	120	01/31/2024
Lead		1.0		**477**	500.0	0	95.3	80	120	01/31/2024
Lithium	*	3.0		**512**	500.0	0	102.4	80	120	01/31/2024
Molybdenum		1.5		**476**	500.0	0	95.2	80	120	01/31/2024
Selenium		1.0		**468**	500.0	0	93.7	80	120	01/31/2024
Thallium		2.0		**208**	250.0	0	83.2	80	120	01/31/2024

Batch 217740 **SampType:** MS Units µg/L

SampID: 24010247-011BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		1.0		**499**	500.0	0.8872	99.5	75	125	01/31/2024
Arsenic		1.0		**518**	500.0	1.774	103.3	75	125	01/31/2024
Barium		1.0		**2260**	2000	317.6	97.3	75	125	01/31/2024
Beryllium		1.0		**52.8**	50.00	0	105.6	75	125	01/31/2024
Boron		25.0		**604**	500.0	89.05	103.0	75	125	01/31/2024
Cadmium		1.0		**47.4**	50.00	0	94.8	75	125	01/31/2024
Chromium		1.5		**184**	200.0	3.135	90.4	75	125	01/31/2024
Cobalt		1.0		**453**	500.0	0.1918	90.6	75	125	01/31/2024
Lead		1.0		**473**	500.0	0	94.6	75	125	01/31/2024
Lithium	*	3.0		**505**	500.0	4.168	100.1	75	125	01/31/2024
Molybdenum		1.5		**452**	500.0	10.14	88.4	75	125	02/05/2024
Selenium		1.0		**492**	500.0	0	98.4	75	125	01/31/2024
Thallium		2.0		**218**	250.0	0	87.1	75	125	02/01/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24010247

Client Project: NEW-24Q1 **Report Date:** 20-Feb-24

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

Batch 217740 **SampType:** MSD Units µg/L RPD Limit 20

SampID: 24010247-011BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Antimony		1.0		**487**	500.0	0.8872	97.3	498.5	2.25	02/01/2024
Arsenic		1.0		**518**	500.0	1.774	103.2	518.4	0.08	02/01/2024
Barium		1.0		**2260**	2000	317.6	96.9	2264	0.34	02/01/2024
Beryllium		1.0		**53.2**	50.00	0	106.4	52.81	0.74	02/01/2024
Boron		25.0		**573**	500.0	89.05	96.9	604.1	5.20	02/01/2024
Cadmium		1.0		**46.3**	50.00	0	92.5	47.42	2.47	02/01/2024
Chromium		1.5		**186**	200.0	3.135	91.6	183.9	1.27	02/01/2024
Cobalt		1.0		**459**	500.0	0.1918	91.8	453.1	1.33	02/01/2024
Lead		1.0		**488**	500.0	0	97.6	473.1	3.14	02/01/2024
Lithium	*	3.0		**502**	500.0	4.168	99.6	504.8	0.55	02/01/2024
Molybdenum		1.5		**439**	500.0	10.14	85.9	452.2	2.88	02/05/2024
Selenium		1.0		**491**	500.0	0	98.2	492.2	0.24	02/01/2024
Thallium		2.0		**243**	250.0	0	97.3	217.7	11.10	02/01/2024

Batch 217822 **SampType:** MBLK Units µg/L

SampID: MBLK-217822

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		1.0		**< 1.0**	0.4500	0	0	-100	100	01/30/2024
Arsenic		1.0		**< 1.0**	0.3750	0	0	-100	100	01/30/2024
Barium		1.0		**< 1.0**	0.7000	0	0	-100	100	01/30/2024
Beryllium		1.0		**< 1.0**	0.2500	0	0	-100	100	01/30/2024
Boron		25.0		**< 25.0**	9.250	0	0	-100	100	01/31/2024
Cadmium		1.0		**< 1.0**	0.1340	0	0	-100	100	01/30/2024
Chromium		1.5		**< 1.5**	0.7000	0	0	-100	100	01/30/2024
Cobalt		1.0		**< 1.0**	0.1150	0	0	-100	100	01/30/2024
Lead		1.0		**< 1.0**	0.6000	0	0	-100	100	01/30/2024
Lithium	*	3.0		**< 3.0**	1.450	0	0	-100	100	01/31/2024
Molybdenum		1.5		**< 1.5**	0.6000	0	0	-100	100	01/30/2024
Selenium		1.0		**< 1.0**	0.6000	0	0	-100	100	01/30/2024
Thallium		2.0		**< 2.0**	0.9500	0	0	-100	100	01/30/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24010247

Client Project: NEW-24Q1 **Report Date:** 20-Feb-24

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

Batch 217822 **SampType:** LCS Units µg/L
SampID: LCS-217822

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		1.0		**500**	500.0	0	99.9	80	120	01/30/2024
Arsenic		1.0		**511**	500.0	0	102.2	80	120	01/30/2024
Barium		1.0		**1940**	2000	0	97.1	80	120	01/30/2024
Beryllium		1.0		**46.9**	50.00	0	93.9	80	120	01/30/2024
Boron		25.0		**485**	500.0	0	96.9	80	120	01/31/2024
Cadmium		1.0		**47.4**	50.00	0	94.7	80	120	01/30/2024
Chromium		1.5		**192**	200.0	0	95.9	80	120	01/30/2024
Cobalt		1.0		**471**	500.0	0	94.1	80	120	01/30/2024
Lead		1.0		**479**	500.0	0	95.7	80	120	01/30/2024
Lithium	*	3.0		**473**	500.0	0	94.5	80	120	01/31/2024
Molybdenum		1.5		**468**	500.0	0	93.6	80	120	01/30/2024
Selenium		1.0		**478**	500.0	0	95.6	80	120	01/30/2024
Thallium		2.0		**222**	250.0	0	88.7	80	120	01/30/2024

Batch 217822 **SampType:** MS Units µg/L
SampID: 24010247-092CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Boron		25.0		**649**	500.0	181.8	93.5	75	125	01/31/2024

Batch 217822 **SampType:** MSD Units µg/L RPD Limit **20**
SampID: 24010247-092CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Boron		25.0		**654**	500.0	181.8	94.4	649.2	0.67	01/31/2024

Batch 217877 **SampType:** MBLK Units µg/L
SampID: MBLK-217877

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Boron		25.0		**< 25.0**	9.250	0	0	-100	100	02/01/2024

Batch 217877 **SampType:** LCS Units µg/L
SampID: LCS-217877

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Boron		25.0		**500**	500.0	0	100.0	80	120	02/01/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24010247

Client Project: NEW-24Q1 **Report Date:** 20-Feb-24

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

Batch 217908 **SampType:** MBLK Units µg/L

SampID: MBLK-217908

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		1.0		**< 1.0**	0.4500	0	0	-100	100	02/01/2024
Arsenic		1.0		**< 1.0**	0.3750	0	0	-100	100	02/01/2024
Barium		1.0		**< 1.0**	0.7000	0	0	-100	100	02/01/2024
Beryllium		1.0		**< 1.0**	0.2500	0	0	-100	100	02/01/2024
Boron		25.0		**< 25.0**	9.250	0	0	-100	100	02/01/2024
Cadmium		1.0		**< 1.0**	0.1340	0	0	-100	100	02/01/2024
Chromium		1.5	S	**2.3**	0.7000	0	321.8	-100	100	02/05/2024
Cobalt		1.0		**< 1.0**	0.1150	0	0	-100	100	02/01/2024
Lead		1.0		**< 1.0**	0.6000	0	0	-100	100	02/01/2024
Lithium	*	3.0		**< 3.0**	1.450	0	0	-100	100	02/01/2024
Molybdenum		1.5		**< 1.5**	0.6000	0	0	-100	100	02/05/2024
Selenium		1.0		**< 1.0**	0.6000	0	0	-100	100	02/01/2024
Thallium		2.0		**< 2.0**	0.9500	0	0	-100	100	02/01/2024

Batch 217908 **SampType:** LCS Units µg/L

SampID: LCS-217908

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		1.0		**478**	500.0	0	95.6	80	120	02/01/2024
Arsenic		1.0		**521**	500.0	0	104.2	80	120	02/01/2024
Barium		1.0		**1890**	2000	0	94.4	80	120	02/01/2024
Beryllium		1.0		**50.7**	50.00	0	101.4	80	120	02/01/2024
Boron		25.0		**477**	500.0	0	95.4	80	120	02/01/2024
Cadmium		1.0		**46.2**	50.00	0	92.5	80	120	02/01/2024
Chromium		1.5	B	**186**	200.0	0	92.9	80	120	02/05/2024
Cobalt		1.0		**502**	500.0	0	100.5	80	120	02/01/2024
Lead		1.0		**462**	500.0	0	92.4	80	120	02/01/2024
Lithium	*	3.0		**494**	500.0	0	98.7	80	120	02/01/2024
Molybdenum		1.5		**422**	500.0	0	84.3	80	120	02/05/2024
Selenium		1.0		**476**	500.0	0	95.2	80	120	02/01/2024
Thallium		2.0		**223**	250.0	0	89.3	80	120	02/01/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24010247

Client Project: NEW-24Q1 **Report Date:** 20-Feb-24

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

Batch 217908 **SampType:** MS Units **µg/L**

SampID: 24010247-107CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		1.0		**494**	500.0	0	98.9	75	125	02/01/2024
Arsenic		1.0		**510**	500.0	0	102.1	75	125	02/01/2024
Barium		1.0		**1900**	2000	0	95.2	75	125	02/01/2024
Beryllium		1.0		**48.6**	50.00	0	97.1	75	125	02/01/2024
Boron		25.0		**445**	500.0	0	88.9	75	125	02/01/2024
Cadmium		1.0		**46.9**	50.00	0	93.9	75	125	02/01/2024
Chromium		1.5	B	**227**	200.0	0.8026	113.1	75	125	02/05/2024
Cobalt		1.0		**483**	500.0	0	96.7	75	125	02/01/2024
Lead		1.0		**460**	500.0	0	92.1	75	125	02/01/2024
Lithium	*	3.0		**467**	500.0	0	93.3	75	125	02/01/2024
Molybdenum		1.5		**445**	500.0	0	89.0	75	125	02/06/2024
Selenium		1.0		**483**	500.0	0	96.7	75	125	02/01/2024
Thallium		2.0		**233**	250.0	0	93.1	75	125	02/01/2024

Batch 217908 **SampType:** MSD Units **µg/L** RPD Limit **20**

SampID: 24010247-107CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Antimony		1.0		**482**	500.0	0	96.4	494.4	2.50	02/01/2024
Arsenic		1.0		**510**	500.0	0	102.1	510.4	0.02	02/01/2024
Barium		1.0		**1920**	2000	0	95.8	1904	0.62	02/01/2024
Beryllium		1.0		**48.5**	50.00	0	97.0	48.55	0.16	02/01/2024
Boron		25.0		**450**	500.0	0	90.0	444.6	1.23	02/01/2024
Cadmium		1.0		**47.3**	50.00	0	94.5	46.94	0.68	02/01/2024
Chromium		1.5	B	**229**	200.0	0.8026	114.1	226.9	0.92	02/05/2024
Cobalt		1.0		**475**	500.0	0	95.0	483.5	1.75	02/01/2024
Lead		1.0		**471**	500.0	0	94.1	460.5	2.21	02/01/2024
Lithium	*	3.0		**469**	500.0	0	93.9	466.6	0.62	02/01/2024
Molybdenum		1.5		**456**	500.0	0	91.3	445.2	2.47	02/06/2024
Selenium		1.0		**480**	500.0	0	96.0	483.3	0.73	02/01/2024
Thallium		2.0		**242**	250.0	0	96.6	232.7	3.76	02/01/2024

Batch 218352 **SampType:** MBLK Units **µg/L**

SampID: MBLK-218352

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Barium		1.0		**< 1.0**	0.7000	0	0	-100	100	02/08/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24010247

Client Project: NEW-24Q1 **Report Date:** 20-Feb-24

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

Batch 218352 **SampType:** LCS Units µg/L
SampID: LCS-218352

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Barium		1.0		**2020**	2000	0	100.9	80	120	02/08/2024

SW-846 7470A (DISSOLVED)

Batch 217574 **SampType:** MS Units µg/L
SampID: 24010247-055CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.20		**4.77**	5.000	0	95.4	75	125	01/19/2024

Batch 217574 **SampType:** MSD Units µg/L RPD Limit **15**
SampID: 24010247-055CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury		0.20		**4.69**	5.000	0	93.7	4.769	1.78	01/19/2024

Batch 217610 **SampType:** MS Units µg/L
SampID: 24010247-060DMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.20		**5.34**	5.000	0	106.8	75	125	01/23/2024

Batch 217610 **SampType:** MSD Units µg/L RPD Limit **15**
SampID: 24010247-060DMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury		0.20		**5.22**	5.000	0	104.4	5.342	2.28	01/23/2024

Batch 217610 **SampType:** MS Units µg/L
SampID: 24011359-004CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.20		**4.99**	5.000	0	99.9	75	125	01/23/2024

Batch 217610 **SampType:** MSD Units µg/L RPD Limit **15**
SampID: 24011359-004CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury		0.20		**5.20**	5.000	0	104.0	4.994	4.05	01/23/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24010247

Client Project: NEW-24Q1 **Report Date:** 20-Feb-24

SW-846 7470A (DISSOLVED)

Batch 217823 **SampType:** MBLK Units µg/L
SampID: MBLK-217823

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.20		**< 0.20**	0.0550	0	0	-100	100	01/26/2024

Batch 217823 **SampType:** LCS Units µg/L
SampID: LCS-217823

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.20		**4.41**	5.000	0	88.2	85	115	01/26/2024

Batch 217823 **SampType:** MS Units µg/L
SampID: 24010247-043CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.20		**4.09**	5.000	0	81.7	75	125	01/26/2024

Batch 217823 **SampType:** MSD Units µg/L RPD Limit **15**
SampID: 24010247-043CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury		0.20		**4.08**	5.000	0	81.6	4.087	0.23	01/26/2024

Batch 217823 **SampType:** MS Units µg/L
SampID: 24010247-101CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.20		**5.06**	5.000	0	101.1	75	125	01/26/2024

Batch 217823 **SampType:** MSD Units µg/L RPD Limit **15**
SampID: 24010247-101CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury		0.20		**5.13**	5.000	0	102.6	5.056	1.49	01/26/2024

Batch 217883 **SampType:** MBLK Units µg/L
SampID: MBLK-217883

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.20		**< 0.20**	0.0550	0	0	-100	100	01/29/2024

Batch 217883 **SampType:** LCS Units µg/L
SampID: LCS-217883

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.20		**4.34**	5.000	0	86.7	85	115	01/29/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24010247

Client Project: NEW-24Q1 **Report Date:** 20-Feb-24

SW-846 7470A (DISSOLVED)

Batch 217883 **SampType:** MS Units µg/L
SampID: 24010247-045CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.20		**5.19**	5.000	0	103.8	75	125	01/29/2024

Batch 217883 **SampType:** MSD Units µg/L RPD Limit **15**
SampID: 24010247-045CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury		0.20		**5.13**	5.000	0	102.6	5.190	1.20	01/29/2024

Batch 217927 **SampType:** MBLK Units µg/L
SampID: MBLK-217927

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.20		**< 0.20**	0.0550	0	0	-100	100	01/29/2024

Batch 217927 **SampType:** LCS Units µg/L
SampID: LCS-217927

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.20		**5.07**	5.000	0	101.4	85	115	01/29/2024

Batch 217927 **SampType:** MS Units µg/L
SampID: 24011814-005CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.20		**4.50**	5.000	0	90.1	75	125	01/30/2024

Batch 217927 **SampType:** MSD Units µg/L RPD Limit **15**
SampID: 24011814-005CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury		0.20		**4.46**	5.000	0	89.1	4.504	1.05	01/30/2024

SW-846 7470A (TOTAL)

Batch 217502 **SampType:** MBLK Units µg/L
SampID: MBLK-217502

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.20		**< 0.20**	0.0550	0	0	-100	100	01/18/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24010247

Client Project: NEW-24Q1 **Report Date:** 20-Feb-24

SW-846 7470A (TOTAL)

Batch 217502 **SampType:** LCS Units µg/L
SampID: LCS-217502

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.20		**4.28**	5.000	0	85.7	85	115	01/18/2024

Batch 217502 **SampType:** MS Units µg/L
SampID: 24010247-094BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.20	S	**6.49**	5.000	3.366	62.5	75	125	01/18/2024

Batch 217502 **SampType:** MSD Units µg/L RPD Limit **15**
SampID: 24010247-094BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury		0.20		**7.48**	5.000	3.366	82.2	6.493	14.11	01/18/2024

Batch 217574 **SampType:** MBLK Units µg/L
SampID: MBLK-217574

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.20		**< 0.20**	0.0550	0	0	-100	100	01/19/2024

Batch 217574 **SampType:** LCS Units µg/L
SampID: LCS-217574

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.20		**4.55**	5.000	0	90.9	85	115	01/19/2024

Batch 217610 **SampType:** MBLK Units µg/L
SampID: MBLK-217610

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.20		**< 0.20**	0.0550	0	0	-100	100	01/23/2024

Batch 217610 **SampType:** LCS Units µg/L
SampID: LCS-217610

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.20		**5.09**	5.000	0	101.8	85	115	01/23/2024

Batch 217744 **SampType:** MBLK Units µg/L
SampID: MBLK-217744

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.20		**< 0.20**	0.0550	0	0	-100	100	01/24/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24010247

Client Project: NEW-24Q1 **Report Date:** 20-Feb-24

SW-846 7470A (TOTAL)

Batch 217744 **SampType:** LCS Units **µg/L**
SampID: LCS-217744

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.20		**5.15**	5.000	0	103.1	85	115	01/24/2024

Batch 217744 **SampType:** MS Units **µg/L**
SampID: 24010247-013BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.20		**4.96**	5.000	0.1422	96.4	75	125	01/24/2024

Batch 217744 **SampType:** MSD Units **µg/L** RPD Limit **15**
SampID: 24010247-013BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury		0.20		**4.93**	5.000	0.1422	95.8	4.961	0.57	01/24/2024

Batch 217927 **SampType:** MS Units **µg/L**
SampID: 24010247-107CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.20		**4.03**	5.000	0	80.6	75	125	01/30/2024

Batch 217927 **SampType:** MSD Units **µg/L** RPD Limit **15**
SampID: 24010247-107CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury		0.20		**4.59**	5.000	0	91.8	4.029	13.06	01/30/2024

Teklab, Inc. Environmental Laboratory

Receiving Check List

Client: Ramboll
Client Project: NEW-24Q1

Work Order: 24010247
Report Date: 20-Feb-24

Carrier: Tracy Carroll

Received By: MEK

Completed by: Amber Dilallo
On: 17-Jan-24

Reviewed by: Ellie Hopkins
On: 26-Jan-24

Pages to follow: Chain of custody 25 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 APW12, G202 and XPW01 Pore upon arrival at the laboratory. - amberdilallo - 1/17/2024 1:06:06 PM

pH strip #90719. - amberdilallo - 1/17/2024 1:06:26 PM

Samples received 1/18/24 at 0915 (on ice - 3.9C -LTG 7). pH strip #90719. Additional Nitric Acid (94914) was needed in APW16, G203, G221, and G222 upon arrival at the laboratory. - amberdilallo - 1/18/2024 1:03:24 PM

Samples received 1/19/24 at 1300 (on ice - 3.7C - LTG 5). pH strip #89660/90719. Additional Nitric Acid (94914) was needed in APW15, G220, G233 and APW02 Duplicate upon arrival at the laboratory. - amberdilallo - 1/18/2024 1:03:24 PM

Samples received 1/23/24 at 1700 (on ice - 3.1C - LTG 5). pH strip #89660/90719. Additional Nitric Acid (94914) was needed in G223 upon arrival at the laboratory. - amberdilallo - 1/18/2024 1:03:24 PM

Samples received 1/24/24 at 1705 (on ice - 8.7C - LTG 5). pH strip #89660/90719. Additional Nitric Acid (94914) was needed in A214, A215, G125, G130, G133, G139, G217S, R217D and A213 Duplicate upon arrival at the laboratory. Additional Sodium Hydroxide (95443) was needed in G125, G130, G133, G217S and R217D upon arrival at the laboratory. Additional Sulfuric Acid (94915) was needed in G130 and G141 upon arrival at the laboratory. - amberdilallo - 1/25/2024 8:52:53 AM

Samples received 1/25/24 at 1815 (on ice - 1.1C - LTG 5). pH strip #89660/90719. Additional Nitric Acid (94914) was needed in G105, G006D, G106, G128, G006D Duplicate and G104 Duplicate upon arrival at the laboratory. Additional Sodium Hydroxide (95443) was needed in G106 upon arrival at the laboratory. - amberdilallo - 1/26/2024 9:34:35 AM

Teklab, Inc.
Environmental Laboratory

Receiving Check List

Client: Ramboll
Work Order: 24010247
Client Project: NEW-24Q1
Report Date: 20-Feb-24

Samples received 1/26/24 at 1300 (on ice - 5.5C - LTG 5). pH strip #89660/90719. Additional Nitric Acid (94914) was needed in L1R-leachate and Field Blank upon arrival at the laboratory.- amberdilallo - 1/26/2024 1:52:10 PM

24010247

CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: 1 of 7

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company:	Vistra Corp-Newton	Report To:	Brian Voelker	Attention:	Terry Hanratty
Address:	6725 N 500th St	Copy To:	Terry Hanratty - Terry.Hanratty@vistracorp.com	Company Name:	Vistra Corp
	Newton, IL 62448		Sam Davies - samantha.davies@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: NEW-257-501	NEW-257-502	NEW-841-502	NEW-811-503	NEW-845-501	NEW-NPDES-501	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	A207						0												X				24010247-001
2	A213						5	2	1	1		1											24010247-002
3	A214						5	2	1	1		1											24010247-003
4	A215						5	2	1	1		1											24010247-004
5	APW02						4	2		2						X				X	X		24010247-005
6	APW03						4	2		2						X				X	X		24010247-006
7	APW04						4	2		2						X				X	X		24010247-007
8	APW05			1/16/24	1322		2	1		1						X				X			24010247-008
9	APW05S						2	1		1						X				X			24010247-009
10	APW06						2	1		1						X				X			24010247-010
11	APW07						2	1		1						X				X			24010247-011
12	APW08						2	1		1						X				X			24010247-012
13	APW09						2	1		1						X				X			24010247-013
14	APW10				~~1037~~		2	1		1						X				X			24010247-014
15	APW11			1/16/24	1037		2	1		1						X				X			24010247-015
16	APW12			1/16/24	1320		2	1		1						X				X			24010247-016

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)
NEW-24Q1 Rev 0	Terry Carroll	1-17-24	1245	Mary Kump	1/17/24	1245	5.1	Y	N	Y
							0.5			

Added HNO_3 (94914) to APW12, G202, & XPW01 pore. vol 1/17
PHV: 90719

SAMPLER NAME AND SIGNATURE	
PRINT Name of SAMPLER:	Terry Carroll
SIGNATURE of SAMPLER:	Terry Carroll
DATE Signed (MM/DD/YY):	1/16/24

24010247

CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: 2 of 7

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company:	Vistra Corp-Newton	Report To:	Brian Voelker	Attention:	Terry Hanratty
Address:	6725 N 500th St	Copy To:	Terry Hanratty - Terry.Hanratty@vistracorp.com	Company Name:	Vistra Corp
	Newton, IL 62448		Sam Davies - samantha.davies@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; SOLID/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 ↓ / Requested Analysis Filtered (Y/N): NEW-257-501	NEW-257-502	NEW-811-502	NEW-811-503	NEW-845-501	NEW-NPDES-501						Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	APW13						2	1		1						X				X							24010247-017
2	APW14						2	1		1						X				X							24010247-018
3	APW15						2	1		1						X				X							24010247-019
4	APW16						2	1		1						X				X							24010247-020
5	APW17						2	1		1						X				X							24010247-021
6	APW18			1/16/24	1445		2	1		1						X				X							24010247-022
7	G006D						2	1		1							X										24010247-023
8	G048MG						2	1		1							X										24010247-024
9	G104						5	2	1	1		1							X								24010247-025
10	G104S						0												X								24010247-026
11	G104D						0												X								24010247-027
12	G105						5	2	1	1		1							X								24010247-028
13	G106						5	2	1	1		1							X								24010247-029
14	G109						0												X								24010247-030
15	G111						0												X								24010247-031
16	G112						0												X								24010247-032

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
NEW-24Q1 Rev 0	Troy Carroll	1-17-24	1245	Mary Hemp	1/17/24	1245	

SAMPLER NAME AND SIGNATURE					
PRINT Name of SAMPLER:	Troy Carroll	DATE Signed (MM/DD/YY):	1/16/24	Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
SIGNATURE of SAMPLER:	Troy Carroll						

24010247

CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: 4 of 7

Section A Required Client Information:

Company:	Vistra Corp-Newton
Address:	6725 N 500th St
	Newton, IL 62448
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:	Terry Hanratty - Terry.Hanratty@vistracorp.com
	Sam Davies - samantha.davies@vistracorp.com
Purchase Order No.:	
Project Name:	
Project Number:	2285

Section C Invoice Information:

Attention:	Terry Hanratty
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	Analysis Test ↓	NEW-257-501	NEW-257-502	NEW-811-502	NEW-811-503	NEW-845-501	NEW-NPDES-501	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	G202			1-17-24	1007		2	1		1								X						24010247-049
2	G203						2	1		1								X						24010247-050
3	G208						2	1		1								X	X					24010247-051
4	G217S						5	2	1	1		1							X					24010247-052
5	G218						0												X					24010247-053
6	G220						2	1		1								X	X					24010247-054
7	G221						5	2	1	1		1							X					24010247-055
8	G222						2	1		1								X	X					24010247-056
9	G223						2	1		1								X	X					24010247-057
10	G224						2	1		1								X	X					24010247-058
11	G225						5	2	1	1		1							X					24010247-059
12	G230						6	2	1	2		1						X	X					24010247-060
13	G231						6	2	1	2		1						X	X					24010247-061
14	G232						6	2	1	2		1						X	X					24010247-062
15	G233						6	2	1	2		1						X	X					24010247-063
16	G234						5	2	1	1		1							X					24010247-064

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
NEW-24Q1 Rev 0	J. Colp	1-17-24	1245	Mary Temp	1/17/24	1245	

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: JUSTIN COLP

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 1-17-24

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

24010247

CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: 6 of 7

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company:	Vistra Corp-Newton	Report To:	Brian Voelker	Attention:	Terry Hanratty
Address:	6725 N 500th St	Copy To:	Terry Hanratty - Terry.Hanratty@vistracorp.com	Company Name:	Vistra Corp
	Newton, IL 62448		Sam Davies - samantha.davies@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 ↓ NEW-257-501	NEW-257-502	NEW-811-502	NEW-811-503	NEW-845-501	NEW-NPDES-501	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	M26-3						0												X				24010247-081
2	M26-4						0												X				24010247-082
3	M26-5						0												X				24010247-083
4	M26-6						0												X				24010247-084
5	M26-7						0												X				24010247-085
6	MW31S						0												X				24010247-086
7	MW33S						0												X				24010247-087
8	MW35S						0												X				24010247-088
9	MW36S						0												X				24010247-089
10	MW48S						0												X				24010247-090
11	R216						0												X				24010247-091
12	R217D						6	2	1	2		1					X	X					24010247-092
13	R219						5	2	1	1		1						X					24010247-093
14	XPW01-pore			1/16/24	1421		2	1		1						X				X			24010247-094
15	XPW02-pore			1/16/24	1305		2	1		1						X				X			24010247-095
16	XPW03-pore			1/16/24	1312		2	1		1						X				X			24010247-096

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
NEW-24Q1 Rev 0	Tracy Cantrell	1/17-24	1245	Mary Kay	1/17/24	1245	

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Tracy Cantrell

SIGNATURE of SAMPLER: Tracy Cantrell

DATE Signed (MM/DD/YY): 1/16/24

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

Confidential

24010247

CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: 7 of 7

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company:	Vistra Corp-Newton	Report To:	Brian Voelker	Attention:	Terry Hanratty
Address:	6725 N 500th St	Copy To:	Terry Hanratty - Terry.Hanratty@vistracorp.com	Company Name:	Vistra Corp
	Newton, IL 62448		Sam Davies - samantha.davies@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: 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: NEW-257-501	NEW-257-502	NEW-811-502	NEW-811-503	NEW-845-501	NEW-NPDES-501	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	XPW04-pore			1/16/24	1123		2	1		1						X				X			24010247-097
2	XSG01						0									X				X			24010247-098
3	YSG02						0									X				X			24010247-099
4	Field Blank						6	2	1	2		1				X	X	X	X	X	X		24010247-100
5	A213 Duplicate						5	2	1	1		1						X					24010247-101
6	APW02 Duplicate						4	2		2						X				X	X		24010247-102
7	G006D Duplicate						2	1		1							X						24010247-103
8	G104 Duplicate						5	2	1	1		1							X				24010247-104
9																							
10																							
11																							
12																							
13																							
14																							
15																							
16																							

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
NEW-24Q1 Rev 0	Tracy Conrad	1-17-24	1645	Mary Kemp	1/17/24	1245	

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Tracy Conrad

SIGNATURE of SAMPLER: Tracy Conrad

DATE Signed (MM/DD/YY): 1/16/24

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

24010247

CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: 2 of 7

Section A Required Client Information:

Company:	Vistra Corp-Newton
Address:	6725 N 500th St
	Newton, IL 62448
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:	Terry Hanratty - Terry.Hanratty@vistracorp.com
	Sam Davies - samantha.davies@vistracorp.com
Purchase Order No.:	
Project Name:	
Project Number:	2285

Section C Invoice Information:

Attention:	Terry Hanratty
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	Analysis Test: NEW-257-501	NEW-257-502	NEW-811-502	NEW-811-503	NEW-845-501	NEW-NPDES-501	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	APW13			1/17/24	1334		2	1		1						X				X			24010247-017
2	APW14			1/17/24	1427		2	1		1						X				X			24010247-018
3	APW15						2	1		1						X				X			24010247-019
4	APW16			1/17/24	1206		2	1		1						X				X			24010247-020
5	APW17			1/17/24	1025		2	1		1						X				X			24010247-021
6	APW18						2	1		1						X				X			24010247-022
7	G006D						2	1		1							X						24010247-023
8	G048MG						2	1		1							X						24010247-024
9	G104						5	2	1	1		1							X				24010247-025
10	G104S						0												X				24010247-026
11	G104D						0												X				24010247-027
12	G105						5	2	1	1		1							X				24010247-028
13	G106						5	2	1	1		1							X				24010247-029
14	G109						0												X				24010247-030
15	G111						0												X				24010247-031
16	G112						0												X				24010247-032

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)
NEW-24Q1 Rev 0	Tracy Carroll	1/18/24	915	FB / TekLab	1.18.24	915				
	FB / TekLab	1.18.24	1140	Nick Reed	1/18/24	1140	0.7	Yes	N	Y

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Tracy Carroll

SIGNATURE of SAMPLER: Tracy Carroll

DATE Signed (MM/DD/YY): 1/17/24

LTGH7 Added HNO_3 (9/11/24) 90719/89680 to sample APW16, 6203, 6221, 6222

24010247

CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: 4 of 7

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company:	Vistra Corp-Newton	Report To:	Brian Voelker	Attention:	Terry Hanratty
Address:	6725 N 500th St	Copy To:	Terry Hanratty - Terry.Hanratty@vistracorp.com	Company Name:	Vistra Corp
	Newton, IL 62448		Sam Davies - samantha.davies@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 SL, OL, WP; OIL OL, AR, OT; WIPE WP, TS; AIR AR; OTHER OT

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: NEW-257-501	NEW-257-502	NEW-811-502	NEW-811-503	NEW-845-501	NEW-NPDES-501	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	G202						2	1		1							X						24010247-049
2	G203			1/17/24	1124		2	1		1							X						24010247-050
3	G208						2	1		1							X	X					24010247-051
4	G217S						5	2	1	1		1						X					24010247-052
5	G218						0											X					24010247-053
6	G220						2	1		1							X	X					24010247-054
7	G221			1/17/24	1304		5	2	1	1		1						X					24010247-055
8	G222			1/17/24	1333		2	1		1							X	X					24010247-056
9	G223						2	1		1							X	X					24010247-057
10	G224						2	1		1							X	X					24010247-058
11	G225						5	2	1	1		1						X					24010247-059
12	G230						6	2	1	2		1					X	X					24010247-060
13	G231						6	2	1	2		1					X	X					24010247-061
14	G232						6	2	1	2		1					X	X					24010247-062
15	G233						6	2	1	2		1					X	X					24010247-063
16	G234						5	2	1	1		1						X					24010247-064

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
NEW-24Q1 Rev 0	Tracy Carroll	1/18/24	915	FB / TekLab	1.18.24	915	
	FB / TekLab	1.18.24	1140	Trish Reed	1/18/24	1140	

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Tracy Carroll

SIGNATURE of SAMPLER: Tracy Carroll DATE Signed (MM/DD/YY): 1/17/24

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

24010247

CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: 1 of 7

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company:	Vistra Corp-Newton	Report To:	Brian Voelker	Attention:	Terry Hanratty
Address:	6725 N 500th St	Copy To:	Terry Hanratty - Terry.Hanratty@vistracorp.com	Company Name:	Vistra Corp
	Newton, IL 62448		Sam Davies - samantha.davies@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 ↓ / Requested Analysis Filtered (Y/N): NEW-257-501	NEW-257-502	NEW-811-502	NEW-811-503	NEW-845-501	NEW-NPDES-501	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	A207						0												X				24010247-001
2	A213						5	2	1	1		1											24010247-002
3	A214						5	2	1	1		1											24010247-003
4	A215						5	2	1	1		1											24010247-004
5	APW02			1/18/24	1335		4	2		2						X				X	X		24010247-005
6	APW03						4	2		2						X				X	X		24010247-006
7	APW04						4	2		2						X				X	X		24010247-007
8	APW05						2	1		1						X				X			24010247-008
9	APW05S						2	1		1						X				X			24010247-009
10	APW06						2	1		1						X				X			24010247-010
11	APW07						2	1		1						X				X			24010247-011
12	APW08			1/18/24	1121		2	1		1						X				X			24010247-012
13	APW09						2	1		1						X				X			24010247-013
14	APW10						2	1		1						X				X			24010247-014
15	APW11						2	1		1						X				X			24010247-015
16	APW12						2	1		1						X				X			24010247-016

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)
NEW-24Q1 Rev 0	Brett Gilchrist	1-19-24	13:00	[illegible]	1/19/24	1300	3.7	Y	N	Y
							1.6.5			

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Brett Gilchrist

SIGNATURE of SAMPLER: Brett Gilchrist

DATE Signed (MM/DD/YY): 1-19-24

Added HNO3 (9914) TO APW15, G220, G233 & APW02 Dup.
pH V 8960/9071B GM 1/19/24

Confidential

24010247

CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: 2 of 7

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company:	Vistra Corp-Newton	Report To:	Brian Voelker	Attention:	Terry Hanratty
Address:	6725 N 500th St	Copy To:	Terry Hanratty - Terry.Hanratty@vistracorp.com	Company Name:	Vistra Corp
	Newton, IL 62448		Sam Davies - samantha.davies@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 ↓	NEW-257-501	NEW-257-502	NEW-811-502	NEW-811-503	NEW-845-501	NEW-NPDES-501	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	APW13						2	1		1							X				X			24010247-017
2	APW14						2	1		1							X				X			24010247-018
3	APW15			1/18/24	1014		2	1		1							X				X			24010247-019
4	APW16						2	1		1							X				X			24010247-020
5	APW17						2	1		1							X				X			24010247-021
6	APW18						2	1		1							X				X			24010247-022
7	G006D						2	1		1								X						24010247-023
8	G048MG						2	1		1								X						24010247-024
9	G104						5	2	1	1		1								X				24010247-025
10	G104S						0													X				24010247-026
11	G104D						0													X				24010247-027
12	G105						5	2	1	1		1								X				24010247-028
13	G106						5	2	1	1		1								X				24010247-029
14	G109						0													X				24010247-030
15	G111						0													X				24010247-031
16	G112						0													X				24010247-032

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
NEW-24Q1 Rev 0	Brett Gillihan	1-19-24	1300	[illegible]	1/19/24	1300	

SAMPLER NAME AND SIGNATURE			Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER:	Brett Gillihan					
SIGNATURE of SAMPLER:	Brett Gillihan	DATE Signed (MM/DD/YY): 1-19-24				

Confidential

24010247

CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: 4 of 7

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company:	Vistra Corp-Newton	Report To:	Brian Voelker	Attention:	Terry Hanratty
Address:	6725 N 500th St	Copy To:	Terry Hanratty - Terry.Hanratty@vistracorp.com	Company Name:	Vistra Corp
	Newton, IL 62448		Sam Davies - samantha.davies@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 ↓	NEW-257-501	NEW-257-502	NEW-811-502	NEW-811-503	NEW-845-501	NEW-NPDES-501	Residual Chlorine (Y/N)	Project No./ Lab I.D.
								Requested Analysis Filtered (Y/N)																
1	G202						2	1		1								X						24010247-049
2	G203						2	1		1								X						24010247-050
3	G208						2	1		1								X	X					24010247-051
4	G217S						5	2	1	1		1							X					24010247-052
5	G218						0												X					24010247-053
6	G220			1/18/24	1419		2	1		1								X	X					24010247-054
7	G221						5	2	1	1		1							X					24010247-055
8	G222						2	1		1								X	X					24010247-056
9	G223						2	1		1								X	X					24010247-057
10	G224						2	1		1								X	X					24010247-058
11	G225						5	2	1	1		1							X					24010247-059
12	G230			1/18/24	1101		6	2	1	2		1						X	X					24010247-060
13	G231			1/19/24	1126		6	2	1	2		1						X	X					24010247-061
14	G232			1/18/24	1154		6	2	1	2		1						X	X					24010247-062
15	G233			1/18/24	1232		6	2	1	2		1						X	X					24010247-063
16	G234			1/18/24	1301		5	2	1	1		1							X					24010247-064

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
NEW-24Q1 Rev 0	Brett Gilliland	1-19-24	13:00	[illegible]	1/19/24	1300	

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Brett Gilliland

SIGNATURE of SAMPLER: Brett Gilliland

DATE Signed (MM/DD/YY): 1-19-24

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

24010247

CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: 7 of 7

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company:	Vistra Corp-Newton	Report To:	Brian Voelker	Attention:	Terry Hanratty
Address:	6725 N 500th St	Copy To:	Terry Hanratty - Terry.Hanratty@vistracorp.com	Company Name:	Vistra Corp
	Newton, IL 62448		Sam Davies - samantha.davies@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	Requested Analysis Filtered (Y/N): NEW-257-501	NEW-257-502	NEW-811-502	NEW-811-503	NEW-845-501	NEW-NPDES-501	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	XPW04-pore						2	1		1							X				X			24010247-097
2	XSG01						0										X				X			24010247-098
3	YSG02						0										X				X			24010247-099
4	Field Blank						6	2	1	2		1					X	X	X	X	X	X		24010247-100
5	A213 Duplicate						5	2	1	1		1							X					24010247-101
6	APW02 Duplicate			1/18/24	1335		4	2		2							X				X	X		24010247-102
7	G006D Duplicate						2	1		1								X						24010247-103
8	G104 Duplicate						5	2	1	1		1								X				24010247-104
9																								
10																								
11																								
12																								
13																								
14																								
15																								
16																								

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
NEW-24Q1 Rev 0	Brett Gilliland	1-19-24	13:30	Omar Gilliland	1/19/24	1300	

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Brett Gilliland

SIGNATURE of SAMPLER: Brett Gilliland

DATE Signed (MM/DD/YY): 1-19-24

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

Confidential

CHAIN-OF-CUSTODY / Analytical Request Document

24010247

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

Page: 1 of 7

Section A Required Client Information:

Company:	Vistra Corp-Newton
Address:	6725 N 500th St
	Newton, IL 62448
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:	Terry Hanratty - Terry.Hanratty@vistracorp.com
	Sam Davies - samantha.davies@vistracorp.com
Purchase Order No.:	
Project Name:	
Project Number:	2285

Section C Invoice Information:

Attention:	Terry Hanratty
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	Analysis Test Y/N	NEW-257-501	NEW-257-502	NEW-811-502	NEW-811-503	NEW-845-501	NEW-NPDES-501	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	A207						0													X				24010247-001
2	A213						5	2	1	1		1							X						24010247-002
3	A214						5	2	1	1		1							X						24010247-003
4	A215						5	2	1	1		1							X						24010247-004
5	APW02						4	2		2							X				X	X			24010247-005
6	APW03			1-23-24	1304		4	2		2							X				X	X			24010247-006
7	APW04			1-23-24	1352		4	2		2							X				X	X			24010247-007
8	APW05						2	1		1							X				X				24010247-008
9	APW05S			1-23-24	0924		2	1		1							X				X				24010247-009
10	APW06			"	1004		2	1		1							X				X				24010247-010
11	APW07			↓	1129		2	1		1							X				X				24010247-011
12	APW08						2	1		1							X				X				24010247-012
13	APW09			1-23-24	1223		2	1		1							X				X				24010247-013
14	APW10			1-23-24	1439		2	1		1							X				X				24010247-014
15	APW11						2	1		1							X				X				24010247-015
16	APW12						2	1		1							X				X				24010247-016

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)
NEW-24Q1 Rev 0	J. Colp	1-23	1700	Sam Davies	1/23/24	1700	3.1	Y	N	Y

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: JUSTIN COLP

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 1-23-24

PHV 90719 + 89660
added 1 pump 94914 to G223
DS 1/29

LTGS DS 1/24

24010247

CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: 4 of 7

Section A Required Client Information:

Company:	Vistra Corp-Newton
Address:	6725 N 500th St
	Newton, IL 62448
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:	Terry Hanratty - Terry.Hanratty@vistracorp.com
	Sam Davies - samantha.davies@vistracorp.com
Purchase Order No.:	
Project Name:	
Project Number:	2285

Section C Invoice Information:

Attention:	Terry Hanratty
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	NEW-257-501	NEW-257-502	NEW-811-502	NEW-811-503	NEW-845-501	NEW-NPDES-501	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	G202						2	1		1								X						24010247-049
2	G203						2	1		1								X						24010247-050
3	G208						2	1		1								X	X					24010247-051
4	G217S						5	2	1	1		1							X					24010247-052
5	G218						0												X					24010247-053
6	G220						2	1		1								X	X					24010247-054
7	G221						5	2	1	1		1							X					24010247-055
8	G222						2	1		1								X	X					24010247-056
9	G223			1-23-24	1359		2	1		1								X	X					24010247-057
10	G224			↓	1449		2	1		1								X	X					24010247-058
11	G225			↓	1303		5	2	1	1		1							X					24010247-059
12	G230						6	2	1	2		1						X	X					24010247-060
13	G231						6	2	1	2		1						X	X					24010247-061
14	G232						6	2	1	2		1						X	X					24010247-062
15	G233						6	2	1	2		1						X	X					24010247-063
16	G234						5	2	1	1		1							X					24010247-064

Requested Analysis Filtered (Y/N)

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
NEW-24Q1 Rev 0	J Colp	1-23	1700	[signature]	4/23/24	1750	3.1

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Justin Colp

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 1-23-24

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

LTG 5

24010247

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-Newton	Report To:	Brian Voelker	Attention:	Terry Hanratty
Address:	6725 N 500th St	Copy To:	Terry Hanratty - Terry.Hanratty@vistracorp.com	Company Name:	Vistra Corp
	Newton, IL 62448		Sam Davies - samantha.davies@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: 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: NEW-257-501	NEW-257-502	NEW-811-502	NEW-811-503	NEW-845-501	NEW-NPDES-501	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	XPW04-pore						2	1		1							X				X			24010247-097
2	XSG01						0										X				X			24010247-098
3	YSG02						0										X				X			24010247-099
4	Field Blank						6	2	1	2		1					X	X	X	X	X	X		24010247-100
5	A213 Duplicate						5	2	1	1		1							X					24010247-101
6	APW02 Duplicate						4	2		2							X				X	X		24010247-102
7	G006D Duplicate						2	1		1								X						24010247-103
8	G104 Duplicate						5	2	1	1		1								X				24010247-104
9	#1 EB Blank			1-23-24	1521																			-105
10																								
11																								
12																								
13																								
14																								
15																								
16																								

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
NEW-24Q1 Rev 0	J. Colp	1-23	1700	[signature]	1/23/24	1700	3.1

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Justin Colp

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 1-23-24

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

LTG 5

Confidential

24010247

CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: 1 of 7

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company:	Vistra Corp-Newton	Report To:	Brian Voelker	Attention:	Terry Hanratty
Address:	6725 N 500th St	Copy To:	Terry Hanratty - Terry.Hanratty@vistracorp.com	Company Name:	Vistra Corp
	Newton, IL 62448		Sam Davies - samantha.davies@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 ↓ / Requested Analysis Filtered (Y/N): NEW-257-501	NEW-257-502	NEW-811-503	NEW-845-501	NEW-NPDES-501	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	A207						0											X				24010247-001
2	A213			1-24-24	0935		5	2	1	1		1										24010247-002
3	A214			1-24-24	1014		5	2	1	1		1										24010247-003
4	A215			1-24-24	1138		5	2	1	1		1										24010247-004
5	APW02						4	2		2						X			X	X		24010247-005
6	APW03						4	2		2						X			X	X		24010247-006
7	APW04						4	2		2						X			X	X		24010247-007
8	APW05						2	1		1						X			X			24010247-008
9	APW05S						2	1		1						X			X			24010247-009
10	APW06						2	1		1						X			X			24010247-010
11	APW07						2	1		1						X			X			24010247-011
12	APW08						2	1		1						X			X			24010247-012
13	APW09						2	1		1						X			X			24010247-013
14	APW10						2	1		1						X			X			24010247-014
15	APW11						2	1		1						X			X			24010247-015
16	APW12						2	1		1						X			X			24010247-016

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
NEW-24Q1 Rev 0	J. Colp	1-24	1705	[illegible]	1/24/24	1705	8.7 LTGS	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 Colp
SIGNATURE of SAMPLER: [signature]
DATE Signed (MM/DD/YY): 1-24-24

8.7 LTGS

Added HNO3(94914) to A214, A215, G125, G130, G133, G139, G217S, R217O & A213 Dup. Added NaOH(95443) to G125, G130, G133, G217S & R217O. Added H2SO4(94915) to G125 & G133

SM 1/25/24

pHV [illegible]

Confidential

24010247

CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: 3 of 7

Section A Required Client Information:

Company:	Vistra Corp-Newton
Address:	6725 N 500th St
	Newton, IL 62448
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:	Terry Hanratty - Terry.Hanratty@vistracorp.com
	Sam Davies - samantha.davies@vistracorp.com
Purchase Order No.:	
Project Name:	
Project Number:	2285

Section C Invoice Information:

Attention:	Terry Hanratty
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	Analysis Test: NEW-257-501	NEW-257-502	NEW-811-502	NEW-811-503	NEW-845-501	NEW-NPDES-501	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	G113						0												X				24010247-033
2	G114						0												X				24010247-034
3	G115						0												X				24010247-035
4	G116						5	2	1	1		1							X		X		24010247-036
5	G117						0												X				24010247-037
6	G118						0												X				24010247-038
7	G119						0												X				24010247-039
8	G120						0												X				24010247-040
9	G125			1-24-24	1320		5	2	1	1		1							X				24010247-041
10	G128						5	2	1	1		1							X				24010247-042
11	G130			1-24-24	1408		5	2	1	1		1							X				24010247-043
12	G133			1-24-24	1315		5	2	1	1		1							X				24010247-044
13	G136						5	2	1	1		1							X				24010247-045
14	G139			1-24-24	1402		5	2	1	1		1							X				24010247-046
15	G141			1-24-24	1044		5	2	1	1		1							X				24010247-047
16	G201						2	1		1							X						24010247-048

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
NEW-24Q1 Rev 0	J. Colp	1-24	1705	[illegible]	1/24/24	1705	

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Justin Colp

SIGNATURE of SAMPLER: [signature]

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

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

Confidential

24010247

CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: 4 of 7

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company:	Vistra Corp-Newton	Report To:	Brian Voelker	Attention:	Terry Hanratty
Address:	6725 N 500th St	Copy To:	Terry Hanratty - Terry.Hanratty@vistracorp.com	Company Name:	Vistra Corp
	Newton, IL 62448		Sam Davies - samantha.davies@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	
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: NEW-257-501	NEW-257-502	NEW-811-502	NEW-811-503	NEW-845-501	NEW-NPDES-501	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	G202						2	1		1							X						24010247-049
2	G203						2	1		1							X						24010247-050
3	G208						2	1		1							X	X					24010247-051
4	G217S			1-24-24	1245		5	2	1	1		1						X					24010247-052
5	G218						0											X					24010247-053
6	G220						2	1		1							X	X					24010247-054
7	G221						5	2	1	1		1						X					24010247-055
8	G222						2	1		1							X	X					24010247-056
9	G223						2	1		1							X	X					24010247-057
10	G224						2	1		1							X	X					24010247-058
11	G225						5	2	1	1		1						X					24010247-059
12	G230						6	2	1	2		1					X	X					24010247-060
13	G231						6	2	1	2		1					X	X					24010247-061
14	G232						6	2	1	2		1					X	X					24010247-062
15	G233						6	2	1	2		1					X	X					24010247-063
16	G234						5	2	1	1		1						X					24010247-064

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
NEW-24Q1 Rev 0	J. Cole	1-24	1705	[signature]	1/24/24	1705	

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Justin Cole

SIGNATURE of SAMPLER: [signature]

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

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

24010247

CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: 6 of 7

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company:	Vistra Corp-Newton	Report To:	Brian Voelker	Attention:	Terry Hanratty
Address:	6725 N 500th St	Copy To:	Terry Hanratty - Terry.Hanratty@vistracorp.com	Company Name:	Vistra Corp
	Newton, IL 62448		Sam Davies - samantha.davies@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, P); WASTE WATER (SL, OL, WP, AR, OT); PRODUCT (TS); SOIL/SOLID; 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	Analysis Test ↓	NEW-257-501	NEW-257-502	NEW-811-502	NEW-811-503	NEW-845-501	NEW-NPDES-501	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	M26-3						0													X				24010247-081
2	M26-4						0													X				24010247-082
3	M26-5						0													X				24010247-083
4	M26-6						0													X				24010247-084
5	M26-7						0													X				24010247-085
6	MW31S						0													X				24010247-086
7	MW33S						0													X				24010247-087
8	MW35S						0													X				24010247-088
9	MW36S						0													X				24010247-089
10	MW48S						0													X				24010247-090
11	R216						0													X				24010247-091
12	R217D			1-24-24	1155		6	2	1	2		1						X	X					24010247-092
13	R219						5	2	1	1		1							X					24010247-093
14	XPW01-pore						2	1		1							X				X			24010247-094
15	XPW02-pore						2	1		1							X				X			24010247-095
16	XPW03-pore						2	1		1							X				X			24010247-096

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
NEW-24Q1 Rev 0	J. Colp	1-24	1705		1/24/24	1705	

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Justin Colp

SIGNATURE of SAMPLER:

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

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

Confidential

24010247

CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: 7 of 7

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company:	Vistra Corp-Newton	Report To:	Brian Voelker	Attention:	Terry Hanratty
Address:	6725 N 500th St	Copy To:	Terry Hanratty - Terry.Hanratty@vistracorp.com	Company Name:	Vistra Corp
	Newton, IL 62448		Sam Davies - samantha.davies@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: NEW-257-501	NEW-257-502	NEW-811-502	NEW-811-503	NEW-845-501	NEW-NPDES-501	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	XPW04-pore						2	1		1						X				X			24010247-097
2	XSG01						0									X				X			24010247-098
3	YSG02						0									X				X			24010247-099
4	Field Blank						6	2	1	2		1				X	X	X	X	X	X		24010247-100
5	A213 Duplicate			1-24-24	0935		5	2	1	1		1						X					24010247-101
6	APW02 Duplicate						4	2		2						X				X	X		24010247-102
7	G006D Duplicate						2	1		1							X						24010247-103
8	G104 Duplicate						5	2	1	1		1							X				24010247-104
9	EB #2			1-24-24	1451																		-RDE
10																							
11																							
12																							
13																							
14																							
15																							
16																							

Requested Analysis Filtered (Y/N)

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
NEW-24Q1 Rev 0	J. Colp	1-24	1705	[signature]	1/24/24	1705	

SAMPLER NAME AND SIGNATURE					
PRINT Name of SAMPLER:	Justin Colp	DATE Signed (MM/DD/YY):	1-24-24	Temp in °C	Received on Ice (Y/N)
SIGNATURE of SAMPLER:	[signature]			Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)

24010247

CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: 2 of 7

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company:	Vistra Corp-Newton	Report To:	Brian Voelker	Attention:	Terry Hanratty
Address:	6725 N 500th St	Copy To:	Terry Hanratty - Terry.Hanratty@vistracorp.com	Company Name:	Vistra Corp
	Newton, IL 62448		Sam Davies - samantha.davies@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	
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: NEW-257-501	NEW-257-502	NEW-811-503	NEW-845-501	NEW-NPDES-501	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	APW13						2	1		1						X			X			24010247-017
2	APW14						2	1		1						X			X			24010247-018
3	APW15						2	1		1						X			X			24010247-019
4	APW16						2	1		1						X			X			24010247-020
5	APW17						2	1		1						X			X			24010247-021
6	APW18						2	1		1						X			X			24010247-022
7	G006D			1-25-24	1000		2	1		1							X					24010247-023
8	G048MG						2	1		1							X					24010247-024
9	G104			1-25-24	1130		5	2	1	1		1						X				24010247-025
10	G104S						0											X				24010247-026
11	G104D						0											X				24010247-027
12	G105			1-25-24	1046		5	2	1	1		1						X				24010247-028
13	G106			1-25-24	0929		5	2	1	1		1						X				24010247-029
14	G109						0											X				24010247-030
15	G111						0											X				24010247-031
16	G112						0											X				24010247-032

Requested Analysis Filtered (Y/N)

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
NEW-24Q1 Rev 0	J. Colp	1-25	1815	[illegible]	1/25/24	1815	1.1 / 1765	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 Colp

SIGNATURE of SAMPLER: [signature]

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

added HNO3 (949914) to G105, G106, G108, G128, G106 Dup & G104 Dup @ 830am.
added NaOH (955443) to G106.
pH ✓ 8946604607.19. Cam 1/26/24

Confidential

24010247

CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: 3 of 7

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company:	Vistra Corp-Newton	Report To:	Brian Voelker	Attention:	Terry Hanratty
Address:	6725 N 500th St	Copy To:	Terry Hanratty - Terry.Hanratty@vistracorp.com	Company Name:	Vistra Corp
	Newton, IL 62448		Sam Davies - samantha.davies@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 ↓ NEW-257-501	NEW-257-502	NEW-811-502	NEW-811-503	NEW-845-501	NEW-NPDES-501	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	G113						0												X				24010247-033
2	G114						0												X				24010247-034
3	G115						0												X				24010247-035
4	G116			1-25-24	1049		5	2	1	1		1							X		X		24010247-036
5	G117						0												X				24010247-037
6	G118						0												X				24010247-038
7	G119						0												X				24010247-039
8	G120						0												X				24010247-040
9	G125						5	2	1	1		1							X				24010247-041
10	G128			1-25-24	0923		5	2	1	1		1							X				24010247-042
11	G130						5	2	1	1		1							X				24010247-043
12	G133						5	2	1	1		1							X				24010247-044
13	G136			1-25-24	1144		5	2	1	1		1							X				24010247-045
14	G139						5	2	1	1		1							X				24010247-046
15	G141						5	2	1	1		1							X				24010247-047
16	G201			1-25-24	1159		2	1		1							X						24010247-048

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
NEW-24Q1 Rev 0	J. Colp	1-25-24	1815	[illegible]	1/25/24	1815	

SAMPLER NAME AND SIGNATURE					
PRINT Name of SAMPLER:	Justin Colp				
SIGNATURE of SAMPLER:	[signature]	DATE Signed (MM/DD/YY):	1-25-24	Temp in °C	Received on Ice (Y/N) / Custody Sealed Cooler (Y/N) / Samples Intact (Y/N)

24010247

CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: 7 of 7

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company:	Vistra Corp-Newton	Report To:	Brian Voelker	Attention:	Terry Hanratty
Address:	6725 N 500th St	Copy To:	Terry Hanratty - Terry.Hanratty@vistracorp.com	Company Name:	Vistra Corp
	Newton, IL 62448		Sam Davies - samantha.davies@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	
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: NEW-257-501	NEW-257-502	NEW-811-502	NEW-811-503	NEW-845-501	NEW-NPDES-501	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	XPW04-pore						2	1		1						X				X			24010247-097
2	XSG01						0									X				X			24010247-098
3	YSG02						0									X				X			24010247-099
4	Field Blank						6	2	1	2		1				X	X	X	X	X	X		24010247-100
5	A213 Duplicate						5	2	1	1		1						X					24010247-101
6	APW02 Duplicate						4	2		2						X				X	X		24010247-102
7	G006D Duplicate			1-25-24	1000		2	1		1							X						24010247-103
8	G104 Duplicate			1-25-24	1830		5	2	1	1		1							X				24010247-104
9																							
10																							
11																							
12																							
13																							
14																							
15																							
16																							

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
NEW-24Q1 Rev 0	J. Colp	1-25	1815	(Signature)	1/25/24	1815	

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Justin Colp

SIGNATURE of SAMPLER: (Signature)

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

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

24010247

CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: 5 of 7

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company:	Vistra Corp-Newton	Report To:	Brian Voelker	Attention:	Terry Hanratty
Address:	6725 N 500th St	Copy To:	Terry Hanratty - Terry.Hanratty@vistracorp.com	Company Name:	Vistra Corp
	Newton, IL 62448		Sam Davies - samantha.davies@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, P); WASTE WATER (WW); PRODUCT (SL); SOIL/SOLID (SL, OL, WP); OIL (OL, AR, OT); WIPE (TS); AIR (AR); 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	Analysis Test: NEW-257-501	NEW-257-502	NEW-811-502	NEW-811-503	NEW-845-501	NEW-NPDES-501	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	* L1R-leachate			1-26-24	1010		2	1		1							X		X					24010247-065
2	L201-leachate						0												X					24010247-066
3	L202-leachate						0												X					24010247-067
4	L203-leachate						0												X					24010247-068
5	L204-leachate						0												X					24010247-069
6	L205-leachate						0												X					24010247-070
7	L301-leachate						2	1		1							X							24010247-071
8	M25-1						0												X					24010247-072
9	M25-2						0												X					24010247-073
10	M25-3						0												X					24010247-074
11	M25-4						0												X					24010247-075
12	M25-5						0												X					24010247-076
13	M25-6						0												X					24010247-077
14	M25-7						0												X					24010247-078
15	M26-1						0												X					24010247-079
16	M26-2						0												X					24010247-080

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)
NEW-24Q1 Rev 0	J. Gelp	1-26	1300	Mary Klump	1/26/24	1300	#5			
							5.5	Y	N	Y

PH: 907/19/896060
Added HNO_3 (94914) @ 13:30 on 1/26/24 LM 1/26

SAMPLER NAME AND SIGNATURE
PRINT Name of SAMPLER: Justin Gelp
SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 1-26-24

Confidential

24010247

CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: 6 of 7

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company:	Vistra Corp-Newton	Report To:	Brian Voelker	Attention:	Terry Hanratty
Address:	6725 N 500th St	Copy To:	Terry Hanratty - Terry.Hanratty@vistracorp.com	Company Name:	Vistra Corp
	Newton, IL 62448		Sam Davies - samantha.davies@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: 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	NEW-257-501	NEW-257-502	NEW-811-502	NEW-811-503	NEW-845-501	NEW-NPDES-501	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	M26-3						0													X				24010247-081
2	M26-4						0													X				24010247-082
3	M26-5						0													X				24010247-083
4	M26-6						0													X				24010247-084
5	M26-7						0													X				24010247-085
6	MW31S						0													X				24010247-086
7	MW33S						0													X				24010247-087
8	MW35S						0													X				24010247-088
9	MW36S						0													X				24010247-089
10	MW48S						0													X				24010247-090
11	R216						0													X				24010247-091
12	R217D						6	2	1	2		1						X	X					24010247-092
13	R219			1-26-24	0858		5	2	1	1		1							X					24010247-093
14	XPW01-pore						2	1		1							X				X			24010247-094
15	XPW02-pore						2	1		1							X				X			24010247-095
16	XPW03-pore						2	1		1							X				X			24010247-096

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
NEW-24Q1 Rev 0	J. Colp	1-26	1300	Mary Kemp	1/26/24	1300	

SAMPLER NAME AND SIGNATURE					
PRINT Name of SAMPLER:	Justin Colp	DATE Signed (MM/DD/YY):	1-26-24	Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
SIGNATURE of SAMPLER:							

24010247

CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: 7 of 7

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company:	Vistra Corp-Newton	Report To:	Brian Voelker	Attention:	Terry Hanratty
Address:	6725 N 500th St	Copy To:	Terry Hanratty - Terry.Hanratty@vistracorp.com	Company Name:	Vistra Corp
	Newton, IL 62448		Sam Davies - samantha.davies@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: 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	NEW-257-501	NEW-257-502	NEW-811-502	NEW-811-503	NEW-845-501	NEW-NPDES-501	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	XPW04-pore						2	1		1							X				X			24010247-097
2	XSG01						0										X				X			24010247-098
3	YSG02						0										X				X			24010247-099
4	* Field Blank			1-26-24	1015		6	2	1	2		1					X	X	X	X	X	X		24010247-100
5	A213 Duplicate						5	2	1	1		1							X					24010247-101
6	APW02 Duplicate						4	2		2							X				X	X		24010247-102
7	G006D Duplicate						2	1		1								X						24010247-103
8	G104 Duplicate						5	2	1	1		1								X				24010247-104
9	* TB on 1/26 COD #5			1-26-24	1020																			-107
10																								
11																								
12																								
13																								
14																								
15																								
16																								

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
NEW-24Q1 Rev 0	J. Colp	1-26	1300	Mary Hunt	1/26/24	1300	

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Justin Colp

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 1-26-24

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

Confidential

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

March 04, 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: NEW-24Q1 **WorkOrder:** 24021397

Dear Eric Bauer:

TEKLAB, INC received 5 samples on 2/26/2024 2:20:00 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: 24021397
Client Project: NEW-24Q1
Report Date: 04-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	10
Quality Control Results	11
Receiving Check List	17
Chain of Custody	Appended

Definitions

Client: Ramboll **Work Order:** 24021397

Client Project: NEW-24Q1 **Report Date:** 04-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:** 24021397

Client Project: NEW-24Q1 **Report Date:** 04-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
Work Order: 24021397
Client Project: NEW-24Q1
Report Date: 04-Mar-24

Cooler Receipt Temp: 20.3 °C

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

G208 could not be collected (pump/cap is stuck). L301 could not be collected (air line was repaired and fittings replaced).

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:** 24021397

Client Project: NEW-24Q1 **Report Date:** 04-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:** 24021397

Client Project: NEW-24Q1 **Report Date:** 04-Mar-24

Lab ID: 24021397-001 **Client Sample ID:** G048MG

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

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**79.90**	ft	1	02/26/2024 11:07	R343577
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**11**	NTU	1	02/26/2024 11:07	R343577
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		**17**	mV	1	02/26/2024 11:07	R343577
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**831**	µS/cm	1	02/26/2024 11:07	R343577
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**17.5**	°C	1	02/26/2024 11:07	R343577
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**1.04**	mg/L	1	02/26/2024 11:07	R343577
SW-846 9040B FIELD									
pH	*	0	1.00		**7.17**		1	02/26/2024 11:07	R343577
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**416**	mg/L	1	02/27/2024 8:44	R343588
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	02/27/2024 8:44	R343588
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	40	50		**430**	mg/L	2.5	02/27/2024 12:32	R343666
SW-846 9036 (TOTAL)									
Sulfate	NELAP	6	10		**13**	mg/L	1	02/28/2024 16:27	R343726
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**0.55**	mg/L	1	02/27/2024 9:10	R343589
SW-846 9251 (TOTAL)									
Chloride	NELAP	1	4		**28**	mg/L	1	02/28/2024 16:27	R343732
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.035	0.100		**44.2**	mg/L	1	02/29/2024 14:04	219214
Magnesium	NELAP	0.006	0.050		**19.5**	mg/L	1	02/29/2024 14:04	219214
Potassium	NELAP	0.040	0.100		**1.93**	mg/L	1	02/29/2024 14:04	219214
Sodium	NELAP	0.018	0.050		**115**	mg/L	1	02/29/2024 14:04	219214
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Boron	NELAP	9.2	25.0		**181**	µg/L	5	02/28/2024 18:31	219214

Laboratory Results

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

Client: Ramboll **Work Order:** 24021397

Client Project: NEW-24Q1 **Report Date:** 04-Mar-24

Lab ID: 24021397-004 **Client Sample ID:** Field Blank

Matrix: AQUEOUS **Collection Date:** 02/26/2024 11:23

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	02/27/2024 8:56	R343588
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	02/27/2024 8:56	R343588
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		**< 20**	mg/L	1	02/27/2024 12:32	R343666
SW-846 9036 (TOTAL)									
Sulfate	NELAP	6	10		**< 10**	mg/L	1	02/28/2024 16:35	R343726
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**< 0.10**	mg/L	1	02/27/2024 9:15	R343589
SW-846 9251 (TOTAL)									
Chloride	NELAP	1	4		**< 4**	mg/L	1	02/28/2024 16:35	R343732
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.035	0.100		**< 0.100**	mg/L	1	02/29/2024 14:40	219214
Magnesium	NELAP	0.006	0.050		**< 0.050**	mg/L	1	02/29/2024 14:40	219214
Potassium	NELAP	0.040	0.100		**< 0.100**	mg/L	1	02/29/2024 14:40	219214
Sodium	NELAP	0.018	0.050		**< 0.050**	mg/L	1	02/29/2024 14:40	219214
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Boron	NELAP	9.2	25.0		**< 25.0**	µg/L	5	02/28/2024 18:37	219214

Laboratory Results

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

Client: Ramboll **Work Order:** 24021397

Client Project: NEW-24Q1 **Report Date:** 04-Mar-24

Lab ID: 24021397-005 **Client Sample ID:** Equipment Blank

Matrix: AQUEOUS **Collection Date:** 02/26/2024 11:25

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	02/27/2024 8:59	R343588
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	02/27/2024 8:59	R343588
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		**< 20**	mg/L	1	02/27/2024 12:32	R343666
SW-846 9036 (TOTAL)									
Sulfate	NELAP	6	10		**< 10**	mg/L	1	02/28/2024 16:54	R343726
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**< 0.10**	mg/L	1	02/27/2024 9:17	R343589
SW-846 9251 (TOTAL)									
Chloride	NELAP	1	4		**< 4**	mg/L	1	02/28/2024 16:53	R343732
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.035	0.100		**< 0.100**	mg/L	1	02/29/2024 14:42	219214
Magnesium	NELAP	0.006	0.050		**< 0.050**	mg/L	1	02/29/2024 14:42	219214
Potassium	NELAP	0.040	0.100		**< 0.100**	mg/L	1	02/29/2024 14:42	219214
Sodium	NELAP	0.018	0.050		**< 0.050**	mg/L	1	02/29/2024 14:42	219214
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Boron	NELAP	9.2	25.0		**< 25.0**	µg/L	5	02/28/2024 20:50	219214

Sample Summary

Client: Ramboll
Work Order: 24021397
Client Project: NEW-24Q1
Report Date: 04-Mar-24

Lab Sample ID	Client Sample ID	Matrix	Fractions	Collection Date
24021397-001	G048MG	Groundwater	2	02/26/2024 11:07
24021397-002	G208	Groundwater	2	
24021397-003	L301-leachate	Leachate	2	
24021397-004	Field Blank	Aqueous	2	02/26/2024 11:23
24021397-005	Equipment Blank	Aqueous	2	02/26/2024 11:25

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24021397

Client Project: NEW-24Q1 **Report Date:** 04-Mar-24

STANDARD METHODS 2510 B FIELD

Batch R343577 **SampType:** LCS Units **µS/cm**

SampID: LCS-R343577-1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Spec. Conductance, Field	*	0		**1420**	1412	0	100.8	90	110	02/26/2024

SW-846 9040B FIELD

Batch R343577 **SampType:** LCS Units

SampID: LCS-R343577-1

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	02/26/2024

STANDARD METHODS 2540 C (TOTAL) 1997, 2011

Batch R343666 **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	02/27/2024

Batch R343666 **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		**926**	1000	0	92.6	90	110	02/27/2024

Batch R343666 **SampType:** DUP Units **mg/L** RPD Limit **10**

SampID: 24021397-001ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		50		**410**				430.0	4.76	02/27/2024

SW-846 9036 (TOTAL)

Batch R343726 **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	02/28/2024

Batch R343726 **SampType:** MBLK Units **mg/L**

SampID: MBLK-219224

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	02/28/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24021397

Client Project: NEW-24Q1 **Report Date:** 04-Mar-24

SW-846 9036 (TOTAL)

Batch R343726 **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		**18**	20.00	0	90.6	90	110	02/28/2024

Batch R343726 **SampType:** MS Units **mg/L**
SampID: 24010117-010AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		10	S	**38**	20.00	22.97	73.0	85	115	02/28/2024

Batch R343726 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24010117-010AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		10	S	**38**	20.00	22.97	73.3	37.58	0.13	02/28/2024

Batch R343726 **SampType:** MS Units **mg/L**
SampID: 24021733-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		10	S	**42**	20.00	24.97	83.2	90	110	02/28/2024

Batch R343726 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24021733-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		10	S	**42**	20.00	24.97	85.3	41.60	1.03	02/28/2024

Batch R343726 **SampType:** MS Units **mg/L**
SampID: 24021928-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		500	S	**1640**	1000	890.9	74.6	90	110	02/28/2024

Batch R343726 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24021928-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		500	S	**1650**	1000	890.9	75.8	1637	0.74	02/28/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24021397

Client Project: NEW-24Q1 **Report Date:** 04-Mar-24

SW-846 9214 (TOTAL)

Batch R343589 **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	02/27/2024

Batch R343589 **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	02/27/2024

Batch R343589 **SampType:** MS Units **mg/L**
SampID: 24021397-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**2.68**	2.000	0.5540	106.1	75	125	02/27/2024

Batch R343589 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24021397-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**2.74**	2.000	0.5540	109.2	2.675	2.33	02/27/2024

Batch R343589 **SampType:** MS Units **mg/L**
SampID: 24021928-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**2.60**	2.000	0.4690	106.8	75	125	02/27/2024

Batch R343589 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24021928-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**2.60**	2.000	0.4690	106.7	2.604	0.04	02/27/2024

SW-846 9251 (TOTAL)

Batch R343732 **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	02/28/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24021397

Client Project: NEW-24Q1 **Report Date:** 04-Mar-24

SW-846 9251 (TOTAL)

Batch R343732 **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	100.0	90	110	02/28/2024

Batch R343732 **SampType:** MS Units **mg/L**
SampID: 24010117-010AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		4		**42**	20.00	24.84	85.0	85	115	02/28/2024

Batch R343732 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24010117-010AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		4		**42**	20.00	24.84	85.5	41.84	0.24	02/28/2024

Batch R343732 **SampType:** MS Units **mg/L**
SampID: 24021482-002AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		40		**297**	200.0	117.1	89.8	85	115	02/28/2024

Batch R343732 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24021482-002AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		40		**291**	200.0	117.1	87.0	296.7	1.90	02/28/2024

Batch R343732 **SampType:** MS Units **mg/L**
SampID: 24021484-003AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		4	E	**55**	20.00	37.53	88.0	85	115	02/28/2024

Batch R343732 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24021484-003AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		4	E	**56**	20.00	37.53	91.9	55.14	1.39	02/28/2024

Batch R343732 **SampType:** MS Units **mg/L**
SampID: 24021733-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		4		**39**	20.00	21.72	86.2	85	115	02/28/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24021397

Client Project: NEW-24Q1 **Report Date:** 04-Mar-24

SW-846 9251 (TOTAL)

Batch R343732 **SampType:** MSD Units **mg/L** RPD Limit **15**

SampID: 24021733-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		4		**39**	20.00	21.72	85.8	38.95	0.15	02/28/2024

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

Batch 219214 **SampType:** MBLK Units **mg/L**

SampID: MBLK-219214

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	02/29/2024
Magnesium		0.0500		**< 0.0500**	0.0055	0	0	-100	100	02/29/2024
Potassium		0.100		**< 0.100**	0.0400	0	0	-100	100	02/29/2024
Sodium		0.0500		**< 0.0500**	0.0180	0	0	-100	100	02/29/2024

Batch 219214 **SampType:** LCS Units **mg/L**

SampID: LCS-219214

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		**2.57**	2.500	0	102.7	85	115	02/29/2024
Magnesium		0.0500		**2.40**	2.500	0	96.0	85	115	02/29/2024
Potassium		0.100		**2.62**	2.500	0	104.6	85	115	02/29/2024
Sodium		0.0500		**2.54**	2.500	0	101.7	85	115	02/29/2024

Batch 219214 **SampType:** MS Units **mg/L**

SampID: 24021582-011CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100	S	**171**	5.000	170.5	16.8	75	125	02/29/2024
Magnesium		0.0500		**36.3**	5.000	32.23	81.6	75	125	02/29/2024

Batch 219214 **SampType:** MSD Units **mg/L** RPD Limit **20**

SampID: 24021582-011CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Calcium		0.100	S	**174**	5.000	170.5	74.8	171.3	1.68	02/29/2024
Magnesium		0.0500		**37.2**	5.000	32.23	100.2	36.31	2.52	02/29/2024

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

Batch 219214 **SampType:** MBLK Units **µg/L**

SampID: MBLK-219214

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Boron		25.0		**< 25.0**	9.250	0	0	-100	100	02/28/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 24021397
Client Project: NEW-24Q1
Report Date: 04-Mar-24

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

Batch 219214 **SampType:** LCS Units **µg/L**
SampID: LCS-219214

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Boron		25.0		**502**	500.0	0	100.4	80	120	02/28/2024

Teklab, Inc. Environmental Laboratory

Receiving Check List

Client: Ramboll
Client Project: NEW-24Q1

Work Order: 24021397
Report Date: 04-Mar-24

Carrier: Justin Colp

Completed by: Amber Dilallo
On: 26-Feb-24

Received By: AMD

Reviewed by: Elizabeth A. Hurley
On: 26-Feb-24

Pages to follow: Chain of custody 1 Extra pages included 0

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐	Temp °C	20.3	
Type of thermal preservation?	None ☐	Ice ☑	Blue Ice ☐	Dry Ice	☐	
Chain of custody present?	Yes ☑	No ☐				
Chain of custody signed when relinquished and received?	Yes ☑	No ☐				
Chain of custody agrees with sample labels?	Yes ☑	No ☐				
Samples in proper container/bottle?	Yes ☑	No ☐				
Sample containers intact?	Yes ☑	No ☐				
Sufficient sample volume for indicated test?	Yes ☑	No ☐				
All samples received within holding time?	Yes ☑	No ☐				
Reported field parameters measured:	Field ☑	Lab ☐	NA ☐			
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐				

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

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

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

pH strip #90719. - amberdilallo - 2/26/2024 2:26:50 PM

24021397

CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: 1 of 1

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company:	Vistra Corp-Newton	Report To:	Brian Voelker	Attention:	Terry Hanratty
Address:	6725 N 500th St	Copy To:	Terry Hanratty - Terry.Hanratty@vistracorp.com	Company Name:	Vistra Corp
	Newton, IL 62448		Sam Davies - samantha.davies@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, P); WASTE WATER (SL); PRODUCT (OL, WP); SOIL/SOLID (AR, OT); OIL (TS); 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: NEW-257-501	NEW-257-502	NEW-811-502	NEW-811-503	NEW-845-501	NEW-NPDES-501	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	G048MG	WT	G	2-26-24	1107		2	1		1								X						24021397-001
2	G208	WT	G				2	1		1								X	X					24021397-002
3	L301-leachate	WT	G				2	1		1								X						24021397-003
4	Field Blank	WT	G	2-26-24	1123		2	1		1								X	X					24021397-004
5	Equipment Blank	WT	G	2-26-24	1125		2	1		1								X	X					24021397-005
6																								
7																								
8																								
9																								
10																								
11																								
12																								
13																								
14																								
15																								
16																								

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS: Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
NEW-24Q1 Rev 0	J. Cdp	2-26	1420	Emma Quall	2/26/24	1420	20.3	Y	N	Y
Resampling							L765			

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Justin Cab

SIGNATURE of SAMPLER: Justin Cab DATE Signed (MM/DD/YY): 2-26-24

14:17

DH ✓ 90719

DM 2/26/24

Site Sampling Event: Newton 1Q 2024
LIMS Workorder: 24010247
Technician(s): DC, JC, TC, BG

Groundwater Sampling Summary
Newton- 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	A207	DTW Only	8.0	None	N	Cloudy	Good	Good	Good	Yes	Yes
002	A213	Groundwater Sample	46.0	Light	N	Cloudy	Good	Good	Good	Yes	Yes
003	A214	Groundwater Sample	44.0	Light	N	Cloudy	Good	Good	Good	Yes	Yes
004	A215	Groundwater Sample	44.0	Light	N	Cloudy	Good	Good	Good	Yes	Yes
005	APW02	Groundwater Sample	28.0	None	S	Clear	Good	Good	Good	Yes	Yes
006	APW03	Groundwater Sample	39.0	Light	N	Cloudy	Good	Good	Good	Yes	Yes
007	APW04	Groundwater Sample	40.0	Light	N	Cloudy	Good	Good	Good	Yes	Yes
008	APW05	Groundwater Sample	9.0	None	E	Clear	Good	Good	Good	Yes	Yes
009	APW05S	Groundwater Sample	35.0	Light	N	Cloudy	Good	Good	Good	Yes	Yes
010	APW06	Groundwater Sample	35.0	Light	N	Cloudy	Good	Good	Good	Yes	Yes
011	APW07	Groundwater Sample	39.0	Light	N	Cloudy	Good	Good	Good	Yes	Yes
012	APW08	Groundwater Sample	29.0	None	S	Clear	Good	Good	Good	Yes	Yes
013	APW09	Groundwater Sample	33.0	Light	N	Cloudy	Good	Good	Good	Yes	Yes
014	APW10	Groundwater Sample	34.0	Light	N	Cloudy	Good	Good	Good	Yes	Yes
015	APW11	Groundwater Sample	2.0	None	W	Clear	Good	Good	Good	Yes	Yes
016	APW12	Groundwater Sample	12.0	None	E	Clear	Good	Good	Good	Yes	Yes
017	APW13	Groundwater Sample	13.0	None	S	Clear	Good	Good	Good	Yes	Yes
018	APW14	Groundwater Sample	13.0	None	S	Clear	Good	Good	Good	Yes	Yes
019	APW15	Groundwater Sample	29.0	None	S	Clear	Good	Good	Good	Yes	Yes
020	APW16	Groundwater Sample	13.0	None	S	Clear	Good	Good	Good	Yes	Yes
021	APW17	Groundwater Sample	7.0	None	S	Clear	Good	Good	Good	Yes	Yes
022	APW18	Groundwater Sample	13.0	None	E	Clear	Good	Good	Good	Yes	Yes
023	G006D	Groundwater Sample	39.0	None	N	Cloudy	Good	Good	Good	Yes	Yes
024	G048MG	Groundwater Sample									
025	G104	Groundwater Sample	46.0	None	SW	Cloudy	Good	Good	Good	Yes	Yes
026	G104S	DTW Only	8.0	None	N	Cloudy	Good	Good	Good	Yes	Yes
027	G104D	DTW Only	8.0	None	N	Cloudy	Good	Good	Good	Yes	Yes
028	G105	Groundwater Sample	40.0	None	W	Cloudy	Good	Good	Good	Yes	Yes
029	G106	Groundwater Sample	39.0	None	N	Cloudy	Good	Good	Good	Yes	Yes
030	G109	DTW Only	9.0	None	N	Cloudy	Good	Good	Good	Yes	Yes
031	G111	DTW Only	8.0	None	N	Cloudy	Good	Good	Good	Yes	Yes
032	G112	DTW Only	7.0	None	N	Cloudy	Good	Good	Good	Yes	Yes
033	G113	DTW Only	9.0	None	N	Cloudy	Good	Good	Good	Yes	Yes
034	G114	DTW Only	9.0	None	N	Cloudy	Good	Good	Good	Yes	Yes
035	G115	DTW Only	9.0	None	N	Cloudy	Good	Good	Good	Yes	Yes

Site Sampling Event: Newton 1Q 2024
LIMS Workorder: 24010247
Technician(s): DC, JC, TC, BG

Groundwater Sampling Summary
Newton- 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	G116	Groundwater Sample	39.0	None	N	Cloudy	Good	Good	Good	Yes	Yes
037	G117	DTW Only	9.0	None	N	Cloudy	Good	Good	Good	Yes	Yes
038	G118	DTW Only	9.0	None	N	Cloudy	Good	Good	Good	Yes	Yes
039	G119	DTW Only	9.0	None	N	Cloudy	Good	Good	Good	Yes	Yes
040	G120	DTW Only	9.0	None	N	Cloudy	Good	Good	Good	Yes	Yes
041	G125	Groundwater Sample	51.0	Light	N	Cloudy	Good	Good	Good	Yes	Yes
042	G128	Groundwater Sample	39.0	None	N	Cloudy	Good	Good	Good	Yes	Yes
043	G130	Groundwater Sample	51.0	Light	N	Cloudy	Good	Good	Good	Yes	Yes
044	G133	Groundwater Sample	51.0	Light	N	Cloudy	Good	Good	Good	Yes	Yes
045	G136	Groundwater Sample	40.0	None	W	Cloudy	Good	Good	Good	Yes	Yes
046	G139	Groundwater Sample	51.0	Light	N	Cloudy	Good	Good	Good	Yes	Yes
047	G141	Groundwater Sample	49.0	Light	N	Cloudy	Good	Good	Good	Yes	Yes
048	G201	Groundwater Sample	45.0	None	SW	Cloudy	Good	Good	Good	Yes	Yes
049	G202	Groundwater Sample	14.0	None	SE	Clear	Good	Good	Good	Yes	Yes
050	G203	Groundwater Sample	17.0	None	SE	Clear	Good	Good	Good	Yes	Yes
051	G208	Groundwater Sample									
052	G217S	Groundwater Sample	49.0	Light	N	Cloudy	Good	Good	Good	Yes	Yes
053	G218	DTW Only	9.0	None	N	Cloudy	Good	Good	Good	Yes	Yes
054	G220	Groundwater Sample	34.0	None	SW	Clear	Good	Good	Good	Yes	Yes
055	G221	Groundwater Sample	26.0	None	SW	Clear	Good	Good	Good	Yes	Yes
056	G222	Groundwater Sample	27.0	None	SE	Clear	Good	Good	Good	Yes	Yes
057	G223	Groundwater Sample	46.0	Light	N	Cloudy	Good	Good	Good	Yes	Yes
058	G224	Groundwater Sample	46.0	Light	N	Cloudy	Good	Good	Good	Yes	Yes
059	G225	Groundwater Sample	45.0	Light	N	Cloudy	Good	Good	Good	Yes	Yes
060	G230	Groundwater Sample	26.0	None	SW	Clear	Good	Good	Good	Yes	Yes
061	G231	Groundwater Sample	29.0	None	SW	Clear	Good	Good	Good	Yes	Yes
062	G232	Groundwater Sample	30.0	None	SW	Clear	Good	Good	Good	Yes	Yes
063	G233	Groundwater Sample	32.0	None	SW	Clear	Good	Good	Good	Yes	Yes
064	G234	Groundwater Sample	32.0	None	SW	Clear	Good	Good	Good	Yes	Yes
065	L1R-leachate	Leachate Sample	40.0	None	E	Cloudy	Good	Good	Good	Yes	No
066	L201-leachate	DTW Only	9.0	None	N	Partly cloudy	Good	Good	Good	Yes	Yes
067	L202-leachate	DTW Only	9.0	None	N	Partly cloudy	Good	Good	Good	Yes	Yes
068	L203-leachate	DTW Only	9.0	None	N	Partly cloudy	Good	Good	Good	Yes	Yes
069	L204-leachate	DTW Only	9.0	None	N	Partly cloudy	Good	Good	Good	Yes	Yes
070	L205-leachate	DTW Only	10.0	None	N	Partly cloudy	Good	Good	Good	Yes	Yes

Site Sampling Event: Newton 1Q 2024
LIMS Workorder: 24010247
Technician(s): DC, JC, TC, BG

Groundwater Sampling Summary
Newton- 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
071	L301-leachate	Leachate Sample									
072	M25-1	DTW Only	7.0	None	N	Partly cloudy	Good	Good	Good	Yes	Yes
073	M25-2	DTW Only	7.0	None	N	Partly cloudy	Good	Good	Good	Yes	Yes
074	M25-3	DTW Only	7.0	None	N	Partly cloudy	Good	Good	Good	Yes	Yes
075	M25-4	DTW Only	7.0	None	N	Partly cloudy	Good	Good	Good	Yes	Yes
076	M25-5	DTW Only	7.0	None	N	Partly cloudy	Good	Good	Good	Yes	Yes
077	M25-6	DTW Only	7.0	None	N	Partly cloudy	Good	Good	Good	Yes	Yes
078	M25-7	DTW Only	7.0	None	N	Partly cloudy	Good	Good	Good	Yes	Yes
079	M26-1	DTW Only	8.0	None	N	Partly cloudy	Good	Good	Good	Yes	Yes
080	M26-2	DTW Only	8.0	None	N	Partly cloudy	Good	Good	Good	Yes	Yes
081	M26-3	DTW Only	8.0	None	N	Partly cloudy	Good	Good	Good	Yes	Yes
082	M26-4	DTW Only	8.0	None	N	Partly cloudy	Good	Good	Good	Yes	Yes
083	M26-5	DTW Only	8.0	None	N	Partly cloudy	Good	Good	Good	Yes	Yes
084	M26-6	DTW Only	8.0	None	N	Partly cloudy	Good	Good	Good	Yes	Yes
085	M26-7	DTW Only	9.0	None	N	Partly cloudy	Good	Good	Good	Yes	Yes
086	MW31S	DTW Only	9.0	None	N	Partly cloudy	Good	Good	Good	Yes	Yes
087	MW33S	DTW Only	7.0	None	N	Partly cloudy	Good	Good	Good	Yes	Yes
088	MW35S	DTW Only	7.0	None	N	Partly cloudy	Good	Good	Good	Yes	Yes
089	MW36S	DTW Only	7.0	None	N	Partly cloudy	Good	Good	Good	Yes	Yes
090	MW48S	DTW Only	7.0	None	N	Partly cloudy	Good	Good	Good	Yes	Yes
091	R216	DTW Only	8.0	None	N	Partly cloudy	Good	Good	Good	Yes	Yes
092	R217D	Groundwater Sample	49.0	Light	N	Cloudy	Good	Good	Good	Yes	Yes
093	R219	Groundwater Sample	40.0	Light	N	Cloudy	Good	Good	Good	Yes	Yes
094	XPW01-pore	Groundwater Sample	2.0	None	W	Clear	Good	Good	Good	Yes	Yes
095	XPW02-pore	Groundwater Sample	3.0	None	W	Clear	Good	Good	Good	Yes	Yes
096	XPW03-pore	Groundwater Sample	3.0	None	W	Clear	Good	Good	Good	Yes	Yes
097	XPW04-pore	Groundwater Sample	2.0	None	W	Clear	Good	Good	Good	Yes	Yes
098	XSG01	DTW Only	9.0	None	N	Partly cloudy					
099	YSG02	DTW Only	8.0	None	N	Partly cloudy					
100	Field Blank	QA/QC Sample	40.0	Light	N	Cloudy					
101	A213 Duplicate	QA/QC Sample	46.0	Light	N	Cloudy	Good	Good	Good	Yes	Yes
102	APW02 Duplicate	QA/QC Sample	28.0	None	S	Clear	Good	Good	Good	Yes	Yes
103	G006D Duplicate	QA/QC Sample	39.0	None	N	Cloudy	Good	Good	Good	Yes	Yes
104	G104 Duplicate	QA/QC Sample	46.0	None	SW	Cloudy	Good	Good	Good	Yes	Yes
105	Equipment Blank 1	QA/QC Sample	40.0	Light	N	Cloudy					

Site Sampling Event: Newton 1Q 2024
LIMS Workorder: 24010247
Technician(s): DC, JC, TC, BG

Groundwater Sampling Summary
Newton- 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
106	Equipment Blank 2	QA/QC Sample	40.0	Light	N	Cloudy					
107	Equipment Blank 3	QA/QC Sample	42.0	Light	N	Cloudy					

Site Sampling Event: Newton 1Q 2024
LIMS Workorder: 24010247
Technician(s): DC, JC, TC, BG

Groundwater Sampling Summary
Newton- 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	A207	TC	1/15/24 13:54	36.20	80.20								
002	A213	JC	1/24/24 9:12	17.59	60.99	JC	1/24/2024	09:14	09:35	Bladder Pump	2"	2.5	119.0
003	A214	DC	1/24/24 9:56	41.66	75.52	TAC	1/24/2024	09:58	10:14	Submersible Pump	2"	6.0	375.0
004	A215	DC	1/24/24 10:28	44.81	78.10	TAC	1/24/2024	10:37	11:38	Submersible Pump	2"	12.0	196.7
005	APW02	TAC	1/18/24 11:58	7.99	23.70	TAC	1/18/2024	13:11	13:35	Submersible Pump	2"	5.5	229.2
006	APW03	TAC	1/23/24 12:29	5.65	24.00	TAC	1/23/2024	12:33	13:04	Submersible Pump	2"	8.0	258.1
007	APW04	DC	1/23/24 13:27	4.91	21.60	TAC	1/23/2024	13:32	13:52	Submersible Pump	2"	7.5	375.0
008	APW05	JC	1/16/24 11:53	14.29	70.80	JC	1/16/2024	11:55	12:22	Bladder Pump	2"	3.5	129.6
009	APW05S	TAC	1/23/24 8:57	12.03	22.90	TAC	1/23/2024	09:00	09:24	Submersible Pump	2"	8.0	333.3
010	APW06	TAC	1/23/24 9:41	19.55	76.10	TAC	1/23/2024	09:42	10:04	Submersible Pump	2"	8.0	363.6
011	APW07	JC	1/23/24 9:10	47.72	85.80	DC	1/23/2024	10:58	11:29	Submersible Pump	2"	10.0	322.6
012	APW08	TAC	1/18/24 10:44	38.44	84.20	TAC	1/18/2024	10:46	11:21	Bladder Pump	2"	6.5	185.7
013	APW09	TAC	1/23/24 11:52	27.73	65.00	DC	1/23/2024	11:57	12:23	Submersible Pump	2"	10.0	384.6
014	APW10	TAC	1/23/24 13:56	18.87	48.70	DC	1/23/2024	14:05	14:39	Submersible Pump	2"	12.0	352.9
015	APW11	TAC	1/26/24 9:54	25.51	67.60	TAC	1/16/2024	09:55	10:37	Bladder Pump	2"	8.0	190.5
016	APW12	JC	1/16/24 13:06	16.13	33.00	JC	1/16/2024	13:10	13:20	Bladder Pump	2"	3.0	300.0
017	APW13	TAC	1/17/24 13:10	33.81	66.30	TAC	1/17/2024	13:11	13:34	Bladder Pump	2"	6.0	260.9
018	APW14	TAC	1/17/24 14:00	22.29	57.40	TAC	1/17/2024	14:04	14:27	Bladder Pump	2"	5.0	217.4
019	APW15	TAC	1/18/24 9:38	21.33	105.60	TAC	1/18/2024	09:40	10:14	Bladder Pump	2"	5.0	147.1
020	APW16	TAC	1/17/24 11:31	41.31	87.50	TAC	1/17/2024	11:33	12:06	Bladder Pump	2"	7.5	227.3
021	APW17	JC	1/17/24 9:52	42.31	94.70	JC	1/17/2024	09:53	10:25	Bladder Pump	2"	5.5	171.9
022	APW18	JC	1/16/24 13:55	52.91	82.70	JC	1/16/2024	14:01	14:45	Bladder Pump	2"	8.5	193.2
023	G006D	JC	1/25/24 9:41	30.00	96.60	JC	1/25/2024	09:41	10:00	Bladder Pump	2"	2.0	105.3
024	G048MG				79.90								
025	G104	JC	1/25/24 11:11	7.58		JC	1/25/2024	11:13	11:30	Bladder Pump	2"	2.0	117.6
026	G104S	TAC	1/15/24 10:17	8.18	25.20								
027	G104D	TAC	1/15/24 10:15	50.19	88.80								
028	G105	DC	1/25/24 10:14	14.95	25.80	DC	1/25/2024	10:25	10:46	Submersible Pump	2"	4.5	214.3
029	G106	JC	1/25/24 9:18	28.16	35.70	JC	1/25/2024	09:19	09:29	Bladder Pump	2"	2.0	200.0
030	G109	TAC	1/15/24 14:24	13.70	24.10								
031	G111	TAC	1/15/24 9:42	8.92	21.90								
032	G112	TAC	1/15/24 9:50	10.63	23.60								
033	G113	TAC	1/15/24 10:58	24.22	34.20								
034	G114	TAC	1/15/24 13:40	20.51	18.00								
035	G115	TAC	1/15/24 12:03	8.05	19.60								

Site Sampling Event: Newton 1Q 2024
LIMS Workorder: 24010247
Technician(s): DC, JC, TC, BG

Groundwater Sampling Summary
Newton- 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	G116	JC	1/25/24 10:31	8.56	21.80	JC	1/25/2024	10:34	10:49	Submersible Pump	2"	7.0	466.7
037	G117	TAC	1/15/24 13:17	18.60	21.80								
038	G118	TAC	1/15/24 13:36	16.57	22.70								
039	G119	TAC	1/15/24 14:29	9.97	22.80								
040	G120	TAC	1/15/24 14:16	10.01	23.70								
041	G125	JC	1/24/24 12:57	3.86	22.80	JC	1/24/2024	13:00	13:20	Submersible Pump	2"	5.5	275.0
042	G128	JC	1/25/24 8:47	4.81	30.20	JC	1/25/2024	08:54	09:03	Submersible Pump	2"	2.0	222.2
043	G130	DC	1/24/24 13:32	5.62	21.90	TAC	1/24/2024	13:37	14:08	Submersible Pump	2"	12.0	387.1
044	G133	DC	1/24/24 12:03	12.88	27.90	TAC	1/24/2024	12:05	13:15	Submersible Pump	2"	12.0	171.4
045	G136	DC	1/25/24 11:02	8.54	22.30	TAC	1/25/2024	11:06	11:44	Submersible Pump	2"	12.0	315.8
046	G139	JC	1/24/24 13:35	7.22	22.90	JC	1/24/2024	13:39	14:02	Submersible Pump	2"	9.0	391.3
047	G141	JC	1/24/24 10:20	15.60		JC	1/24/2024	10:26	10:44	Submersible Pump	2"	9.0	500.0
048	G201	JC	1/25/24 11:44	17.75	69.50	JC	1/25/2024	11:45	11:59	Bladder Pump	2"	3.0	214.3
049	G202	BG	1/17/24 9:51	48.79	76.80	BG	1/17/2024	09:55	10:07	Bladder Pump	2"	2.5	208.3
050	G203	BG	1/17/24 10:36	42.25	74.90	BG	1/17/2024	10:39	11:24	Bladder Pump	2"	8.3	184.4
051	G208				96.60								
052	G217S	JC	1/24/24 11:59	8.02	21.40	JC	1/24/2024	12:15	12:45	Submersible Pump	2"	13.0	433.3
053	G218	TAC	1/15/24 14:07	19.81	90.60								
054	G220	BG	1/18/24 13:59	18.62	88.40	bg	1/18/2024	14:02	14:22	Bladder Pump	2"	2.1	105.0
055	G221	BG	1/17/24 12:16	22.10	86.90	BG	1/17/2024	12:20	13:04	Bladder Pump	2"	7.5	170.5
056	G222	BG	1/17/24 13:24	18.19	81.30	BG	1/17/2024	13:27	13:33	Bladder Pump	2"	1.5	250.0
057	G223	JC	1/23/24 13:35	35.65	91.00	JC	1/23/2024	13:35	13:59	Bladder Pump	2"	4.0	166.7
058	G224	JC	1/23/24 14:09	43.41	75.50	JC	1/23/2024	14:12	14:49	Bladder Pump	2"	5.0	135.1
059	G225	JC	1/23/24 12:42	11.13	24.70	JC	1/23/2024	12:47	13:03	Submersible Pump	2"	6.0	375.0
060	G230	BG	1/18/24 10:22	49.79	81.03	BG	1/18/2024	10:25	11:01	Bladder Pump	2"	5.0	138.9
061	G231	BG	1/18/24 11:10	48.16	79.76	BG	1/18/2024	11:14	11:26	Bladder Pump	2"	2.0	166.7
062	G232	BG	1/18/24 11:36	36.50	77.66	BG	1/18/2024	11:39	11:57	Bladder Pump	2"	3.0	166.7
063	G233	BG	1/18/24 12:08	42.33	76.24	BG	1/18/2024	12:10	12:32	Bladder Pump	2"	2.3	104.5
064	G234	BG	1/18/24 12:44	44.50	73.81	BG	1/18/2024	12:46	13:01	Bladder Pump	2"	2.0	133.3
065	L1R-leachate	JC	1/26/24 10:05	55.23	60.11					Bailer	2"		
066	L201-leachate	TAC	1/15/24 14:50	36.89									
067	L202-leachate	TAC	1/15/24 14:29	38.09									
068	L203-leachate	TAC	1/15/24 14:37	31.33									
069	L204-leachate	TAC	1/15/24 14:40	49.52									
070	L205-leachate	TAC	1/15/24 14:45	33.74									

Site Sampling Event: Newton 1Q 2024
LIMS Workorder: 24010247
Technician(s): DC, JC, TC, BG

Groundwater Sampling Summary
Newton- 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)
071	L301-leachate												
072	M25-1	TAC	1/15/24 13:03	3.29	11.27								
073	M25-2	TAC	1/15/24 13:04	1.71	16.27								
074	M25-3	TAC	1/15/24 13:05	1.78	22.27								
075	M25-4	TAC	1/15/24 13:06	2.49	32.27								
076	M25-5	TAC	1/15/24 13:07	5.40	42.27								
077	M25-6	TAC	1/15/24 13:03	12.73	52.27								
078	M25-7	TAC	1/15/24 13:00	18.82	62.14								
079	M26-1	TAC	1/15/24 14:40	2.03	19.52								
080	M26-2	TAC	1/15/24 14:41	22.49	25.52								
081	M26-3	TAC	1/15/24 14:42	22.49	34.52								
082	M26-4	TAC	1/15/24 14:43	0.90	43.52								
083	M26-5	TAC	1/15/24 14:44	0.90	52.02								
084	M26-6	TAC	1/15/24 14:45	1.28	61.52								
085	M26-7	TAC	1/15/24 14:48	41.89	70.49								
086	MW31S	TAC	1/15/24 14:48	1.36	19.10								
087	MW33S	TAC	1/15/24 9:53	14.92	29.90								
088	MW35S	TAC	1/15/24 9:34	3.36	17.70								
089	MW36S	TAC	1/15/24 9:20	4.29	15.00								
090	MW48S	TAC	1/15/24 10:59	5.75	13.10								
091	R216	TAC	1/15/24 13:18	44.45	72.30								
092	R217D	JC	1/24/24 11:00	19.35	67.80	JC	1/24/2024	11:01	11:55	Bladder Pump	2"	6.0	111.1
093	R219	JC	1/26/24 8:43	20.65	64.27	JC	1/26/2024	08:48	08:58	Submersible Pump	2"	4.0	400.0
094	XPW01-pore	BG	1/16/24 13:36	10.72	20.10	BG	1/16/2024	13:37	14:21	Bladder Pump	2"	12.0	272.7
095	XPW02-pore	BG	1/16/24 12:38	6.72	18.50	BG	1/16/2024	12:40	13:05	Bladder Pump	2"	5.0	200.0
096	XPW03-pore	TAC	1/16/24 11:45	9.97	22.80	TAc	1/16/2024	11:46	12:12	Bladder Pump	2"	6.0	230.8
097	XPW04-pore	TAC	1/16/24 11:03	12.24	22.60	BG	1/16/2024	11:04	11:23	Bladder Pump	2"	5.0	263.2
098	XSG01	TAC	1/15/24 12:48	5.70									
099	YSG02	TAC	1/15/24 10:17	3.75									
100	Field Blank				-								
101	A213 Duplicate	JC	1/24/24 9:12	17.59	60.99	JC	1/24/2024	09:14	09:35	Bladder Pump	2"	2.5	119.0
102	APW02 Duplicate	TAC	1/18/24 11:58	7.99	23.70	TAC	1/18/2024	13:11	13:35	Submersible Pump	2"	5.5	229.2
103	G006D Duplicate	JC	1/25/24 9:41	30.00	96.60	JC	1/25/2024	09:41	10:00	Bladder Pump	2"	2.0	105.3
104	G104 Duplicate	JC	1/25/24 11:11	7.58		JC	1/25/2024	11:13	11:30	Bladder Pump	2"	2.0	117.6
105	Equipment Blank 1												

Site Sampling Event: Newton 1Q 2024
LIMS Workorder: 24010247
Technician(s): DC, JC, TC, BG

Groundwater Sampling Summary
Newton- 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)
106	Equipment Blank 2												
107	Equipment Blank 3												

Site Sampling Event: Newton 1Q 2024
LIMS Workorder: 24010247
Technician(s): DC, JC, TC, BG

Groundwater Sampling Summary
Newton- 1Q 2024

WO Sample	Well ID	Sampling Activities and Observations									
		Sampler Initials	Date	Time	Sampling Method	Field Filtered	Appearance	Odor	Color	Post-Sample DTW (ft)	Drawdown (ft)
001	A207										
002	A213	JC	01/24/24	09:35	Low Flow	Yes	Clear	None	none	21.25	**3.66**
003	A214	TAC	01/24/24	10:14	Low Flow	Yes	Clear	None	Gray	41.66	0.00
004	A215	TAC	01/24/24	11:38	Low Flow	Yes	Cloudy	None	gray	44.86	0.05
005	APW02	TAC	01/18/24	13:35	Low Flow	Yes	Clear	None	None	8.79	**0.80**
006	APW03	DC	01/23/24	13:04	Low Flow	Yes	Clear	None	None	5.68	0.03
007	APW04	DC	01/23/24	13:52	Low Flow	No	Clear	None	None	11.65	**6.74**
008	APW05	JC	01/16/24	12:22	Low Flow	No	Cloudy	None	lt brown	14.34	0.05
009	APW05S	TAC	01/23/24	09:24	Low Flow	No	Clear	None	None	13.12	**1.09**
010	APW06	DC	01/23/24	10:04	Low Flow	No	Clear	None	None	19.89	0.34
011	APW07	TAC	01/23/24	11:29	Low Flow	No	Clear	None	None	47.79	0.07
012	APW08	TAC	01/18/24	11:21	Low Flow	No	Cloudy	None	lt brown	38.45	0.01
013	APW09	TAC	01/23/24	12:23	Low Flow	No	Clear	None	None	27.74	0.01
014	APW10	TAC	01/23/24	14:39	Low Flow	Yes	Clear	None	None	20.73	**1.86**
015	APW11	TAC	01/16/24	10:37	Low Flow	No	Clear	None	lt brown	25.80	0.29
016	APW12	JC	01/16/24	13:20	Low Flow	No	Clear	None	none	16.13	0.00
017	APW13	TAC	01/17/24	13:34	Low Flow	No	Clear	None	None	34.22	**0.41**
018	APW14	TAC	01/17/24	14:27	Low Flow	No	Clear	None	None	22.51	0.22
019	APW15	TAC	01/18/24	10:14	Low Flow	No	Clear	None	None	22.60	**1.27**
020	APW16	TAC	01/17/24	12:06	Low Flow	No	Clear	None	None	41.33	0.02
021	APW17	TAC	01/17/24	10:25	Low Flow	No	Clear	None	None	42.89	**0.58**
022	APW18	JC	01/16/24	14:45	Low Flow	No	Clear	None	none	52.95	0.04
023	G006D	JC	01/25/24	10:00	Low Flow	No	Slightly cloudy	None	none	32.04	**2.04**
024	G048MG										
025	G104	JC	01/25/24	11:30	Low Flow	Yes	Clear	None	none	7.98	0.40
026	G104S										
027	G104D										
028	G105	TAC	01/25/24	10:46	Low Flow	Yes	Clear	None	None	14.98	0.03
029	G106	JC	01/25/24	09:29	Low Flow	Yes	Clear	None	none	28.20	0.04
030	G109										
031	G111										
032	G112										
033	G113										
034	G114										
035	G115										

Site Sampling Event: Newton 1Q 2024
LIMS Workorder: 24010247
Technician(s): DC, JC, TC, BG

Groundwater Sampling Summary
Newton- 1Q 2024

WO Sample	Well ID	Sampling Activities and Observations									
		Sampler Initials	Date	Time	Sampling Method	Field Filtered	Appearance	Odor	Color	Post-Sample DTW (ft)	Drawdown (ft)
036	G116	JC	01/25/24	10:49	Low Flow	Yes	Clear	None	none	9.34	**0.78**
037	G117										
038	G118										
039	G119										
040	G120										
041	G125	JC	01/24/24	13:20	Low Flow	Yes	Slightly cloudy	None	lt brown	11.52	**7.66**
042	G128	JC	01/25/24	09:03	Low Flow	Yes	Clear	None	none	5.03	0.22
043	G130	DC	01/24/24	14:08	Low Flow	Yes	Clear	None	None	7.85	**2.23**
044	G133	DC	01/24/24	13:15	Low Flow	Yes	Clear	None	rust	17.25	**4.37**
045	G136	DC	01/25/24	11:44	Low Flow	Yes	Clear	None	None	9.64	**1.10**
046	G139	JC	01/24/24	14:02	Low Flow	Yes	Slightly cloudy	Slight	none	9.43	**2.21**
047	G141	JC	01/24/24	10:44	Low Flow	Yes	Slightly cloudy	None	none	16.04	0.44
048	G201	JC	01/25/24	11:59	Low Flow	No	Clear	None	none	17.94	0.19
049	G202	BG	01/17/24	10:07	Low Flow	No	Clear	None	clear	49.90	**1.11**
050	G203	BG	01/17/24	11:24	Low Flow	No	Clear	None	clear	44.20	**1.95**
051	G208										
052	G217S	JC	01/24/24	12:45	Low Flow	Yes	Clear	None	none	8.94	**0.92**
053	G218										
054	G220	BG	01/18/24	14:22	Low Flow	No	Slightly cloudy	Slight	lt brown	23.12	**4.50**
055	G221	BG	01/17/24	13:04	Low Flow	Yes	Cloudy	Slight	dark green	34.50	**12.40**
056	G222	BG	01/17/24	13:33	Low Flow	No	Clear	None	clear	23.02	**4.83**
057	G223	JC	01/23/24	13:59	Low Flow	No	Slightly cloudy	Slight	none	37.82	**2.17**
058	G224	JC	01/23/24	14:49	Low Flow	No	Slightly cloudy	Slight	none	43.45	0.04
059	G225	JC	01/23/24	13:03	Low Flow	Yes	Clear	None	none	15.53	**4.40**
060	G230	BG	01/18/24	11:01	Low Flow	Yes	Slightly cloudy	Slight	clear	48.92	-0.87
061	G231	BG	01/18/24	11:26	Low Flow	Yes	Clear	None	clear	48.31	0.15
062	G232	BG	01/18/24	11:57	Low Flow	Yes	Clear	None	clear	46.62	**10.12**
063	G233	BG	01/18/24	12:32	Low Flow	Yes	Slightly cloudy	None	clear	44.39	**2.06**
064	G234	BG	01/18/24	13:01	Low Flow	Yes	Clear	None	clear	44.16	-0.34
065	L1R-leachate	JC	01/26/24	10:10	Low Flow	No					
066	L201-leachate										
067	L202-leachate										
068	L203-leachate										
069	L204-leachate										
070	L205-leachate										

Site Sampling Event: Newton 1Q 2024
LIMS Workorder: 24010247
Technician(s): DC, JC, TC, BG

Groundwater Sampling Summary
Newton- 1Q 2024

WO Sample	Well ID	Sampling Activities and Observations									
		Sampler Initials	Date	Time	Sampling Method	Field Filtered	Appearance	Odor	Color	Post-Sample DTW (ft)	Drawdown (ft)
071	L301-leachate										
072	M25-1										
073	M25-2										
074	M25-3										
075	M25-4										
076	M25-5										
077	M25-6										
078	M25-7										
079	M26-1										
080	M26-2										
081	M26-3										
082	M26-4										
083	M26-5										
084	M26-6										
085	M26-7										
086	MW31S										
087	MW33S										
088	MW35S										
089	MW36S										
090	MW48S										
091	R216										
092	R217D	JC	01/24/24	11:55	Low Flow	Yes	Slightly cloudy	None	none	19.62	0.27
093	R219	JC	01/26/24	08:58	Low Flow	Yes	Clear	None	none	24.69	**4.04**
094	XPW01-pore	BG	01/16/24	14:21	Low Flow	No	Clear	Slight	lt brown	10.78	0.06
095	XPW02-pore	BG	01/16/24	13:05	Low Flow	No	Clear	Slight	lt brown	6.75	0.03
096	XPW03-pore	BG	01/16/24	12:12	Low Flow	No	Clear	Slight	lt brown	9.97	0.00
097	XPW04-pore	TAC	01/16/24	11:23	Low Flow	No	Clear	Slight	None	12.24	0.00
098	XSG01										
099	YSG02										
100	Field Blank	JC	01/26/24	10:15							
101	A213 Duplicate	JC	01/24/24	09:35	Low Flow	Yes	Clear	None	none	21.25	**3.66**
102	APW02 Duplicate	TAC	01/18/24	13:35	Low Flow	Yes	Clear	None	None	8.79	**0.80**
103	G006D Duplicate	JC	01/25/24	10:00	Low Flow	No	Slightly cloudy	None	none	32.04	**2.04**
104	G104 Duplicate	JC	01/25/24	11:30	Low Flow	Yes	Clear	None	none	7.98	0.40
105	Equipment Blank 1	TAC	01/23/24	15:21							

Site Sampling Event: Newton 1Q 2024
LIMS Workorder: 24010247
Technician(s): DC, JC, TC, BG

Groundwater Sampling Summary
Newton- 1Q 2024

		Sampling Activities and Observations									
WO Sample	Well ID	Sampler Initials	Date	Time	Sampling Method	Field Filtered	Appearance	Odor	Color	Post-Sample DTW (ft)	Drawdown (ft)
106	Equipment Blank 2	TAC	01/24/24	14:51							
107	Equipment Blank 3	JC	01/26/24	10:20							

Site Sampling Event: Newton 1Q 2024
LIMS Workorder: 24010247
Technician(s): DC, JC, TC, BG

Groundwater Sampling Summary
Newton- 1Q 2024

WO Sample	Well ID	COMMENTS
001	A207	
002	A213	
003	A214	
004	A215	
005	APW02	
006	APW03	
007	APW04	
008	APW05	
009	APW05S	
010	APW06	
011	APW07	Pulled Pump. Discharged water after a purge cycle and no air connected
012	APW08	
013	APW09	Pump was pulled due to hole in sock
014	APW10	
015	APW11	
016	APW12	
017	APW13	
018	APW14	
019	APW15	
020	APW16	
021	APW17	
022	APW18	
023	G006D	
024	G048MG	
025	G104	
026	G104S	
027	G104D	
028	G105	
029	G106	
030	G109	
031	G111	
032	G112	
033	G113	
034	G114	
035	G115	

Site Sampling Event: Newton 1Q 2024
LIMS Workorder: 24010247
Technician(s): DC, JC, TC, BG

Groundwater Sampling Summary
Newton- 1Q 2024

WO Sample	Well ID	COMMENTS
036	G116	
037	G117	
038	G118	
039	G119	
040	G120	
041	G125	
042	G128	
043	G130	
044	G133	
045	G136	
046	G139	
047	G141	
048	G201	
049	G202	
050	G203	
051	G208	
052	G217S	
053	G218	
054	G220	
055	G221	
056	G222	
057	G223	
058	G224	
059	G225	
060	G230	
061	G231	
062	G232	
063	G233	
064	G234	
065	L1R-leachate	
066	L201-leachate	
067	L202-leachate	
068	L203-leachate	
069	L204-leachate	
070	L205-leachate	

Site Sampling Event: Newton 1Q 2024
LIMS Workorder: 24010247
Technician(s): DC, JC, TC, BG

Groundwater Sampling Summary
Newton- 1Q 2024

WO Sample	Well ID	COMMENTS
071	L301-leachate	
072	M25-1	
073	M25-2	
074	M25-3	Frozen
075	M25-4	Frozen
076	M25-5	
077	M25-6	
078	M25-7	
079	M26-1	Frozen
080	M26-2	
081	M26-3	
082	M26-4	Frozen
083	M26-5	Frozen
084	M26-6	Frozen
085	M26-7	
086	MW31S	Frozen
087	MW33S	
088	MW35S	
089	MW36S	
090	MW48S	
091	R216	
092	R217D	
093	R219	
094	XPW01-pore	
095	XPW02-pore	
096	XPW03-pore	
097	XPW04-pore	
098	XSG01	
099	YSG02	
100	Field Blank	
101	A213 Duplicate	
102	APW02 Duplicate	
103	G006D Duplicate	
104	G104 Duplicate	
105	Equipment Blank 1	Blank from submersible pump

Site Sampling Event: Newton 1Q 2024
LIMS Workorder: 24010247
Technician(s): DC, JC, TC, BG

Groundwater Sampling Summary
Newton- 1Q 2024

WO Sample	Well ID	COMMENTS
106	Equipment Blank 2	Blank from submersible pump
107	Equipment Blank 3	Blank from submersible pump

Site Sampling Event: Newton 1Q 2024
LIMS Workorder: 24010247
Technician(s): DC, JC, TC, BG

Stabilized Field Parameters Summary
Newton- 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
A207	1/15/2024	13:54	DTW only							36.20	24010247-001A
A213	1/24/2024	09:35	11.1	52.0	6.73	2,185.1	4.24	3.30	171.2	17.59	24010247-002A
A214	1/24/2024	10:14	13.0	55.4	7.19	1,051.2	0.98	66.90	113.1	41.66	24010247-003A
A215	1/24/2024	11:38	13.4	56.1	7.05	2,564.9	0.49	28.91	-62.6	44.81	24010247-004A
APW02	1/18/2024	13:35	8.6	47.5	6.59	3,220.6	1.71	21.81	67.4	7.99	24010247-005A
APW03	1/23/2024	13:04	9.1	48.4	6.83	813.6	0.82	15.12	31.4	5.65	24010247-006A
APW04	1/23/2024	13:52	8.3	46.9	6.76	1,592.7	1.08	27.38	89	4.91	24010247-007A
APW05	1/16/2024	12:22	7.1	44.8	7.36	909.6	2.13	297.05	73.8	14.29	24010247-008A
APW05S	1/23/2024	09:24	9.1	48.4	6.70	2,573.8	1.23	15.64	139.9	12.03	24010247-009A
APW06	1/23/2024	10:04	14.0	57.2	7.55	783.8	0.95	40.60	17.4	19.55	24010247-010A
APW07	1/23/2024	11:29	11.5	52.7	7.01	781.2	3.13	17.65	80.9	47.72	24010247-011A
APW08	1/18/2024	11:21	11.9	53.4	7.14	811.9	2.00	204.06	-33.6	38.44	24010247-012A
APW09	1/23/2024	12:23	11.5	52.7	7.41	1,205.6	0.60	23.87	-20.4	27.73	24010247-013A
APW10	1/23/2024	14:39	13.0	55.4	7.13	1,283.2	0.37	7.08	83.4	18.87	24010247-014A
APW11	1/16/2024	10:37	11.7	53.1	6.92	1,257.2	0.56	261.81	36.8	25.51	24010247-015A
APW12	1/16/2024	13:20	12.9	55.2	6.43	2,003.7	1.88	3.15	132.8	16.13	24010247-016A
APW13	1/17/2024	13:34	12.8	55.0	7.06	1,386.6	0.84	12.53	8.6	33.81	24010247-017A
APW14	1/17/2024	14:27	11.6	52.9	7.16	1,464.5	0.64	13.03	-16.3	22.29	24010247-018A
APW15	1/18/2024	10:14	13.1	55.6	6.89	1,439.6	0.33	60.71	-93.6	21.33	24010247-019A
APW16	1/17/2024	12:06	11.8	53.2	7.31	1,266.0	0.57	10.82	-86.9	41.31	24010247-020A
APW17	1/17/2024	10:25	10.3	50.5	7.30	1,150.0	0.75	16.39	-36.9	42.31	24010247-021A
APW18	1/16/2024	14:45	10.7	51.3	7.66	967.8	3.05	26.51	-59.7	52.91	24010247-022A
G006D	1/25/2024	10:00	10.7	51.3	6.94	1,259.4	1.46	119.84	131.3	30.00	24010247-023A
G048MG											24010247-024A
G104	1/25/2024	11:30	11.1	52.0	6.98	1,128.1	6.70	4.91	137.2	7.58	24010247-025A
G104S	1/15/2024	10:17	DTW only							8.18	24010247-026A
G104D	1/15/2024	10:15	DTW only							50.19	24010247-027A
G105	1/25/2024	10:46	10.4	50.7	6.58	1,710.1	0.91	12.71	-7.9	14.95	24010247-028A
G106	1/25/2024	09:29	10.5	50.9	6.73	2,984.4	6.68	5.79	141.6	28.16	24010247-029A
G109	1/15/2024	14:24	DTW only							13.70	24010247-030A
G111	1/15/2024	09:42	DTW only							8.92	24010247-031A
G112	1/15/2024	09:50	DTW only							10.63	24010247-032A
G113	1/15/2024	10:58	DTW only							24.22	24010247-033A
G114	1/15/2024	13:40	DTW only							20.51	24010247-034A
G115	1/15/2024	12:03	DTW only							8.05	24010247-035A
G116	1/25/2024	10:49	12.5	54.5	6.93	734.6	4.38	13.55	129	8.56	24010247-036A
G117	1/15/2024	13:17	DTW only							18.60	24010247-037A
G118	1/15/2024	13:36	DTW only							16.57	24010247-038A
G119	1/15/2024	14:29	DTW only							9.97	24010247-039A
G120	1/15/2024	14:16	DTW only							10.01	24010247-040A
G125	1/24/2024	13:20	10.9	51.6	6.95	2,988.8	7.45	69.34	150.9	3.86	24010247-041A

Site Samping Event: Newton 1Q 2024 **Stabilized Field Parameters Summary**
LIMS Workorder: 24010247 **Newton- 1Q 2024**
Technician(s): DC, JC, TC, BG

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
G128	1/25/2024	09:03	9.8	49.6	6.58	12,682.6	4.47	9.07	158.1	4.81	24010247-042A
G130	1/24/2024	14:08	12.9	55.2	6.26	6,930.9	0.36	13.41	101	5.62	24010247-043A
G133	1/24/2024	13:15	13.2	55.8	6.57	4,190.3	0.39	91.35	47.9	12.88	24010247-044A
G136	1/25/2024	11:44	11.2	52.2	6.78	2,488.7	0.95	18.92	72.3	8.54	24010247-045A
G139	1/24/2024	14:02	12.6	54.7	6.77	3,747.6	1.44	36.40	150.9	7.22	24010247-046A
G141	1/24/2024	10:44	14.0	57.2	6.78	1,798.8	2.44	34.11	158.8	15.60	24010247-047A
G201	1/25/2024	11:59	12.2	54.0	7.27	1,003.6	2.14	13.44	-70.4	17.75	24010247-048A
G202	1/17/2024	10:07	6.9	44.4	7.58	1,120.7	4.58	12.83	136.9	48.79	24010247-049A
G203	1/17/2024	11:24	11.5	52.7	7.27	1,120.2	0.83	67.78	-6.9	42.25	24010247-050A
G208											24010247-051A
G217S	1/24/2024	12:45	12.6	54.7	6.54	4,307.1	2.14	13.47	159.7	8.02	24010247-052A
G218	1/15/2024	14:07	DTW only							19.81	24010247-053A
G220	1/18/2024	14:22	13.9	57.0	6.88	1,016.2	1.64	39.13	25.9	18.62	24010247-054A
G221	1/17/2024	13:04	12.9	55.2	6.87	1,403.1	0.77	258.25	-59.3	22.10	24010247-055A
G222	1/17/2024	13:33	12.4	54.3	7.54	1,652.7	1.94	5.76	-19.5	18.19	24010247-056A
G223	1/23/2024	13:59	13.1	55.6	6.86	2,874.0	1.26	24.43	122.2	35.65	24010247-057A
G224	1/23/2024	14:49	12.4	54.3	7.31	959.9	1.17	61.36	108.4	43.41	24010247-058A
G225	1/23/2024	13:03	12.7	54.9	7.37	936.2	7.44	15.35	118.7	11.13	24010247-059A
G230	1/18/2024	11:01	12.9	55.2	7.03	1,479.0	1.43	46.60	138.5	49.79	24010247-060A
G231	1/18/2024	11:26	12.1	53.8	7.31	1,085.5	2.21	33.56	129.1	48.16	24010247-061A
G232	1/18/2024	11:57	12.6	54.7	7.26	1,252.8	1.45	37.64	87.4	36.50	24010247-062A
G233	1/18/2024	12:32	11.5	52.7	7.07	1,379.7	1.27	14.34	87.8	42.33	24010247-063A
G234	1/18/2024	13:01	13.0	55.4	7.24	1,225.5	2.95	22.80	101.2	44.50	24010247-064A
L1R-leachate	1/26/2024	10:10	16.4	61.5	10.94	37,680.8	3.93	150.51	6.1	55.23	24010247-065A
L201-leachate	1/15/2024	14:50	DTW only							36.89	24010247-066A
L202-leachate	1/15/2024	14:29	DTW only							38.09	24010247-067A
L203-leachate	1/15/2024	14:37	DTW only							31.33	24010247-068A
L204-leachate	1/15/2024	14:40	DTW only							49.52	24010247-069A
L205-leachate	1/15/2024	14:45	DTW only							33.74	24010247-070A
L301-leachate											24010247-071A
M25-1	1/15/2024	13:03	DTW only							3.29	24010247-072A
M25-2	1/15/2024	13:04	DTW only							1.71	24010247-073A
M25-3	1/15/2024	13:05	DTW only							1.78	24010247-074A
M25-4	1/15/2024	13:06	DTW only							2.49	24010247-075A
M25-5	1/15/2024	13:07	DTW only							5.40	24010247-076A
M25-6	1/15/2024	13:03	DTW only							12.73	24010247-077A
M25-7	1/15/2024	13:00	DTW only							18.82	24010247-078A
M26-1	1/15/2024	14:40	DTW only							2.03	24010247-079A
M26-2	1/15/2024	14:41	DTW only							22.49	24010247-080A
M26-3	1/15/2024	14:42	DTW only							22.49	24010247-081A
M26-4	1/15/2024	14:43	DTW only							0.90	24010247-082A

Site Sampling Event: Newton 1Q 2024
LIMS Workorder: 24010247
Technician(s): DC, JC, TC, BG

Stabilized Field Parameters Summary
Newton- 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
M26-5	1/15/2024	14:44	DTW only							0.90	24010247-083A
M26-6	1/15/2024	14:45	DTW only							1.28	24010247-084A
M26-7	1/15/2024	14:48	DTW only							41.89	24010247-085A
MW31S	1/15/2024	14:48	DTW only							1.36	24010247-086A
MW33S	1/15/2024	09:53	DTW only							14.92	24010247-087A
MW35S	1/15/2024	09:34	DTW only							3.36	24010247-088A
MW36S	1/15/2024	09:20	DTW only							4.29	24010247-089A
MW48S	1/15/2024	10:59	DTW only							5.75	24010247-090A
R216	1/15/2024	13:18	DTW only							44.45	24010247-091A
R217D	1/24/2024	11:55	12.9	55.2	6.41	3,083.2	0.91	24.12	160.2	19.35	24010247-092A
R219	1/26/2024	08:58	11.4	52.5	6.93	1,407.7	2.32	27.73	139.4	20.65	24010247-093A
XPW01-pore	1/16/2024	14:21	15.2	59.4	12.50	11,158.2	0.20	129.59	-217.8	10.72	24010247-094A
XPW02-pore	1/16/2024	13:05	13.7	56.7	9.82	596.9	0.41	14.88	-157.8	6.72	24010247-095A
XPW03-pore	1/16/2024	12:12	15.2	59.4	11.80	1,653.7	0.42	241.07	-151	9.97	24010247-096A
XPW04-pore	1/16/2024	11:23	14.5	58.1	11.71	13,603.2	0.42	6.19	-149.9	12.24	24010247-097A
XSG01	1/15/2024	12:48	DTW only							5.70	24010247-098A
YSG02	1/15/2024	10:17	DTW only							3.75	24010247-099A
Field Blank	1/26/2024	10:15	*QA/QC Sample*								24010247-100A
A213 Duplicate	1/24/2024	09:35	11.1	52.0	6.73	2,185.1	4.24	3.30	171.2	17.59	24010247-101A
APW02 Duplicate	1/18/2024	13:35	8.6	47.5	6.59	3,220.6	1.71	21.81	67.4	7.99	24010247-102A
G006D Duplicate	1/25/2024	10:00	10.7	51.3	6.94	1,259.4	1.46	119.84	131.3	30.00	24010247-103A
G104 Duplicate	1/25/2024	11:30	11.1	52.0	6.98	1,128.1	6.70	4.91	137.2	7.58	24010247-104A
Equipment Blank 1	1/23/2024	15:21	*QA/QC Sample*								24010247-105A
Equipment Blank 2	1/24/2024	14:51	*QA/QC Sample*								24010247-106A
Equipment Blank 3	1/26/2024	10:20	*QA/QC Sample*								24010247-107A

Site Sampling Event: Newton 1Q 2024
LIMS Workorder: 24010247
Technician(s): DC, JC, TC, BG

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Newton- 1Q 2024

Well ID	Date	Time	DTW	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G006D	1/25/2024	9:45	30.00	10.5	50.9	7.23	1,167.1	6.29	7.06	139.6
G006D	1/25/2024	9:48	30.00	11.2	52.2	7.08	1,211.8	3.72	27.02	140.4
G006D	1/25/2024	9:51	30.00	11.6	52.9	6.92	1,263.2	2.52	107.96	140.6
G006D	1/25/2024	9:54	30.00	11.7	53.1	6.90	1,262.8	1.92	144.79	137.7
G006D	1/25/2024	9:57	30.00	11.4	52.5	6.92	1,262.6	1.62	114.81	134.4
G006D	1/25/2024	10:00	30.00	10.7	51.3	6.94	1,259.4	1.46	119.84	131.3

Site Sampling Event: Newton 1Q 2024
LIMS Workorder: 24010247
Technician(s): DC, JC, TC, BG

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Newton- 1Q 2024

Well ID	Date	Time	DTW	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G201	1/25/2024	11:53	17.75	11.9	53.4	7.23	996.5	3.97	15.87	53.3
G201	1/25/2024	11:56	17.75	12.1	53.8	7.22	1,002.7	2.72	16.89	-30.8
G201	1/25/2024	11:59	17.75	12.2	54.0	7.27	1,003.6	2.14	13.44	-70.4

Site Sampling Event: Newton 1Q 2024
LIMS Workorder: 24010247
Technician(s): DC, JC, TC, BG

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Newton- 1Q 2024

Well ID	Date	Time	DTW	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G202	1/17/2024	9:52	48.79	11.3	52.3	6.47	1,126.2	8.20	15.83	162.1
G202	1/17/2024	9:55	48.79	9.7	49.5	7.05	1,110.6	7.11	43.71	152.9
G202	1/17/2024	9:58	48.79	8.9	48.0	7.25	1,108.5	6.29	14.49	149.1
G202	1/17/2024	10:01	48.79	8.1	46.6	7.41	1,118.8	5.64	12.57	143.7
G202	1/17/2024	10:04	48.79	7.4	45.3	7.52	1,124.7	5.08	13.51	139.6
G202	1/17/2024	10:07	48.79	6.9	44.4	7.58	1,120.7	4.58	12.83	136.9

Site Samping Event: Newton 1Q 2024
LIMS Workorder: 24010247
Technician(s): DC, JC, TC, BG

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Newton- 1Q 2024

Well ID	Date	Time	DTW	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G203	1/17/2024	10:50	42.25	11.4	52.5	7.28	1,196.8	1.59	37.35	66.8
G203	1/17/2024	10:53	42.25	11.5	52.7	7.26	1,182.9	1.41	63.32	62.3
G203	1/17/2024	10:56	42.25	11.4	52.5	7.26	1,166.6	1.27	117.27	55.9
G203	1/17/2024	10:59	42.25	11.6	52.9	7.25	1,151.5	1.15	178.10	48.6
G203	1/17/2024	11:02	42.25	11.6	52.9	7.26	1,141.8	1.06	204.26	40.8
G203	1/17/2024	11:05	42.25	11.8	53.2	7.29	16.6	3.51	57.41	41.1
G203	1/17/2024	11:08	42.25	11.6	52.9	7.26	1,145.7	1.77	146.67	41.6
G203	1/17/2024	11:11	42.25	11.7	53.1	7.26	1,140.6	1.19	120.16	31.8
G203	1/17/2024	11:14	42.25	11.7	53.1	7.26	1,133.4	1.01	96.23	20.6
G203	1/17/2024	11:17	42.25	11.7	53.1	7.26	1,123.7	0.92	83.14	10.1
G203	1/17/2024	11:20	42.25	11.5	52.7	7.27	1,118.3	0.87	61.66	0.6
G203	1/17/2024	11:24	42.25	11.5	52.7	7.27	1,120.2	0.83	67.78	-6.9

Site Sampling Event: Newton 1Q 2024
LIMS Workorder: 24010247
Technician(s): DC, JC, TC, BG

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Newton- 1Q 2024

Well ID	Date	Time	DTW	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G220	1/18/2024	14:13	18.62	13.5	56.3	7.15	996.8	3.38	13.96	84.1
G220	1/18/2024	14:16	18.62	13.6	56.5	7.04	1,010.6	2.36	19.43	67.1
G220	1/18/2024	14:19	18.62	13.7	56.7	6.92	1,012.6	1.87	38.20	33.1
G220	1/18/2024	14:22	18.62	13.9	57.0	6.88	1,016.2	1.64	39.13	25.9

Site Sampling Event: Newton 1Q 2024
LIMS Workorder: 24010247
Technician(s): DC, JC, TC, BG

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Newton- 1Q 2024

Well ID	Date	Time	DTW	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G222	1/17/2024	13:27	18.19	13.1	55.6	7.76	1,616.4	5.21	6.85	24.8
G222	1/17/2024	13:30	18.19	12.7	54.9	7.69	1,642.0	2.80	4.58	6.7
G222	1/17/2024	13:33	18.19	12.4	54.3	7.54	1,652.7	1.94	5.76	-19.5

Site Sampling Event: Newton 1Q 2024
LIMS Workorder: 24010247
Technician(s): DC, JC, TC, BG

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Newton- 1Q 2024

Well ID	Date	Time	DTW	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G223	1/23/2024	13:38	35.65	12.5	54.5	6.85	2,602.6	3.54	6.29	144.9
G223	1/23/2024	13:41	35.65	12.9	55.2	6.77	2,662.2	2.53	10.33	147.9
G223	1/23/2024	13:44	35.65	13.1	55.6	6.81	2,709.6	2.06	52.23	137.7
G223	1/23/2024	13:47	35.65	13.2	55.8	6.84	2,803.9	1.77	70.27	135.5
G223	1/23/2024	13:50	35.65	13.2	55.8	6.85	2,848.2	1.57	44.94	134.3
G223	1/23/2024	13:53	35.65	13.1	55.6	6.86	2,867.7	1.44	32.44	130.4
G223	1/23/2024	13:56	35.65	13.1	55.6	6.86	2,872.7	1.33	28.56	126.9
G223	1/23/2024	13:59	35.65	13.1	55.6	6.86	2,874.0	1.26	24.43	122.2

Site Sampling Event: Newton 1Q 2024
LIMS Workorder: 24010247
Technician(s): DC, JC, TC, BG

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Newton- 1Q 2024

Well ID	Date	Time	DTW	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G224	1/23/2024	14:40	43.41	12.4	54.3	7.32	958.9	1.63	71.25	112.0
G224	1/23/2024	14:43	43.41	12.4	54.3	7.31	959.3	1.39	63.72	110.7
G224	1/23/2024	14:46	43.41	12.4	54.3	7.31	959.8	1.26	54.39	109.6
G224	1/23/2024	14:49	43.41	12.4	54.3	7.31	959.9	1.17	61.36	108.4

Site Sampling Event: Newton 1Q 2024
LIMS Workorder: 24010247
Technician(s): DC, JC, TC, BG

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Newton- 1Q 2024

Well ID	Date	Time	DTW	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G230	1/18/2024	10:39	49.79	11.9	53.4	7.00	1,516.3	2.70	160.73	153.7
G230	1/18/2024	10:42	49.79	11.8	53.2	7.03	1,516.1	2.49	176.49	150.5
G230	1/18/2024	10:45	49.79	11.7	53.1	7.06	1,513.1	2.34	185.58	147.6
G230	1/18/2024	10:48	49.79	10.4	50.7	7.07	1,523.9	2.42	93.58	146.7
G230	1/18/2024	10:51	49.79	10.4	50.7	7.02	1,551.2	2.31	96.39	147.1
G230	1/18/2024	10:54	49.79	11.4	52.5	7.01	1,535.7	2.18	80.95	145.8
G230	1/18/2024	10:57	49.79	12.8	55.0	7.00	1,550.8	1.53	49.64	142.8
G230	1/18/2024	11:00	49.79	12.9	55.2	7.03	1,479.0	1.43	46.60	138.5

Site Sampling Event: Newton 1Q 2024
LIMS Workorder: 24010247
Technician(s): DC, JC, TC, BG

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Newton- 1Q 2024

Well ID	Date	Time	DTW	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G231	1/18/2024	11:20	48.16	11.3	52.3	7.40	975.5	4.80	28.79	128.0
G231	1/18/2024	11:23	48.16	11.8	53.2	7.35	1,046.6	3.03	35.09	129.6
G231	1/18/2024	11:26	48.16	12.1	53.8	7.31	1,085.5	2.21	33.56	129.1

Site Sampling Event: Newton 1Q 2024
LIMS Workorder: 24010247
Technician(s): DC, JC, TC, BG

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Newton- 1Q 2024

Well ID	Date	Time	DTW	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G232	1/18/2024	11:48	36.50	12.6	54.7	7.40	1,211.7	2.90	46.26	112.8
G232	1/18/2024	11:51	36.50	12.7	54.9	7.30	1,318.3	2.09	39.99	106.5
G232	1/18/2024	11:54	36.50	12.8	55.0	7.27	1,298.6	1.69	37.64	96.6
G232	1/18/2024	11:57	36.50	12.6	54.7	7.26	1,252.8	1.45	37.64	87.4

Site Sampling Event: Newton 1Q 2024
LIMS Workorder: 24010247
Technician(s): DC, JC, TC, BG

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Newton- 1Q 2024

Well ID	Date	Time	DTW	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G233	1/18/2024	12:14	42.33	11.3	52.3	7.43	1,149.7	6.65	28.58	105.9
G233	1/18/2024	12:17	42.33	12.2	54.0	7.13	1,478.3	3.30	17.37	113.6
G233	1/18/2024	12:20	42.33	12.3	54.1	7.07	1,544.6	2.19	18.99	109.8
G233	1/18/2024	12:23	42.33	12.3	54.1	7.06	1,494.6	1.71	12.33	103.4
G233	1/18/2024	12:26	42.33	12.4	54.3	7.06	1,421.3	1.45	16.09	97.2
G233	1/18/2024	12:29	42.33	11.5	52.7	7.07	1,393.9	1.34	12.71	91.9
G233	1/18/2024	12:32	42.33	11.5	52.7	7.07	1,379.7	1.27	14.34	87.8

Site Samping Event: Newton 1Q 2024
LIMS Workorder: 24010247
Technician(s): DC, JC, TC, BG

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Newton- 1Q 2024

Well ID	Date	Time	DTW	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
R217D	1/24/2024	11:25	19.35	12.8	55.0	6.56	3,123.6	1.93	156.79	162.4
R217D	1/24/2024	11:28	19.35	12.9	55.2	6.53	3,109.6	1.69	140.73	163.0
R217D	1/24/2024	11:31	19.35	12.9	55.2	6.48	3,098.5	1.47	113.28	163.6
R217D	1/24/2024	11:34	19.35	12.9	55.2	6.45	3,093.1	1.31	88.86	163.8
R217D	1/24/2024	11:37	19.35	12.8	55.0	6.44	3,089.2	1.20	69.14	163.6
R217D	1/24/2024	11:40	19.35	12.9	55.2	6.43	3,087.4	1.12	53.32	163.3
R217D	1/24/2024	11:43	19.35	12.9	55.2	6.42	3,086.1	1.06	46.27	162.8
R217D	1/24/2024	11:46	19.35	12.9	55.2	6.42	3,085.7	1.01	38.38	162.2
R217D	1/24/2024	11:49	19.35	12.8	55.0	6.42	3,084.6	0.98	31.74	161.6
R217D	1/24/2024	11:52	19.35	12.8	55.0	6.41	3,083.8	0.94	25.72	160.9
R217D	1/24/2024	11:55	19.35	12.9	55.2	6.41	3,083.2	0.91	24.12	160.2

Site Sampling Event: Newton 1Q 2024
LIMS Workorder: 24010247
Technician(s): DC, JC, TC, BG

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Newton- 1Q 2024

Well ID	Date	Time	DTW	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G006D Duplicate	1/25/2024	9:45	30.00	10.5	50.9	7.23	1,167.1	6.29	7.06	139.6
G006D Duplicate	1/25/2024	9:48	30.00	11.2	52.2	7.08	1,211.8	3.72	27.02	140.4
G006D Duplicate	1/25/2024	9:51	30.00	11.6	52.9	6.92	1,263.2	2.52	107.96	140.6
G006D Duplicate	1/25/2024	9:54	30.00	11.7	53.1	6.90	1,262.8	1.92	144.79	137.7
G006D Duplicate	1/25/2024	9:57	30.00	11.4	52.5	6.92	1,262.6	1.62	114.81	134.4
G006D Duplicate	1/25/2024	10:00	30.00	10.7	51.3	6.94	1,259.4	1.46	119.84	131.3

Site Sampling Event: Newton 1Q 2024
LIMS Workorder: 24010247
Technician(s): DC, JC, TC, BG

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Newton- 1Q 2024

Well ID	Date	Time	DTW	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
Equipment Blank 1	1/23/2024	15:21	QA/QC Sample							

Site Sampling Event: Newton 1Q 2024
LIMS Workorder: 24010247
Technician(s): DC, JC, TC, BG

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Newton- 1Q 2024

Well ID	Date	Time	DTW	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
Equipment Blank 2	1/24/2024	14:51	QA/QC Sample							

Site Sampling Event: Newton 1Q 2024
LIMS Workorder: 24010247
Technician(s): DC, JC, TC, BG

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Newton- 1Q 2024

Well ID	Date	Time	DTW	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
Equipment Blank 3	1/26/2024	10:20	QA/QC Sample							

Site Sampling Event: Newton 1Q 2024
LIMS Workorder: 24010247
Technician(s): DC, JC, TC, BG

Field Calibration Log(s)
Newton- 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 218052
Technician: Tracy Carroll

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	WC230720G	4.00	1/16/24 9:51
7.0 Buffer	WC230616F	7.00	1/16/24 9:57
10.0 Buffer	WC231027D	10.00	1/16/24 10:00
LCS (7.0 Buffer)	WC231207A		

Conductivity Standard	LIMS ID/Lot#	Reading	Date/Time
1412 µS Std.	95009	1412	1/16/24 10:02

Sample ID	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	Comments
LCS	1/16/24 10:04	11.5	7.09	1,407	2.03	
CCV (Mid Day)	1/16/24 12:53	10.9	7.08	1,423	0.68	
CCV	1/16/24 15:11	10.6	7.07	1,530	2.32	

Field Meter ID: Pine 218052
Technician: Tracy Carroll

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	WC230720G	4.00	1/17/24 9:14
7.0 Buffer	WC230616F	7.00	1/17/24 9:15
10.0 Buffer	WC231027D	10.00	1/17/24 9:16
LCS (7.0 Buffer)	WC231207A		

Conductivity Standard	LIMS ID/Lot#	Reading	Date/Time
1412 µS Std.	95009	1412	1/17/24 9:18

Sample ID	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	Comments
LCS	1/17/24 9:20	14.5	7.08	1,414	2.05	
CCV (Mid Day)	1/17/24 14:03	14.3	7.09	1,453	2.87	
CCV	1/17/24 15:07	14.6	7.04	1,358	3.45	

Site Sampling Event: Newton 1Q 2024
LIMS Workorder: 24010247
Technician(s): DC, JC, TC, BG

Field Calibration Log(s)
Newton- 1Q 2024

Field Meter ID: Fine 218052
Technician: Tracy Carroll

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	WC2307206	4.00	1/18/24 8:51
7.0 Buffer	WC230616F	7.09	1/18/24 8:52
10.0 Buffer	WC231027D	10.00	1/18/24 8:55
LCS (7.0 Buffer)	WC231207A		

Conductivity Standard	LIMS ID/Lot#	Reading	Date/Time
1412 µS Std.	95009	1412	1/18/24 9:08

Sample ID	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	Comments
LCS	1/18/24 9:13	17.7	7.09	1,409	0.83	
CCV (Mid Day)	1/18/24 12:19	17.9	7.08	1,411	1.1	
CCV	1/18/24 15:50	18	7.10	1,414	1.66	

Field Meter ID: Fine 218052
Technician: Tracy Carroll

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	wc2308308	4.01	1/23/24 8:36
7.0 Buffer	WC230616F	7.00	1/23/24 8:38
10.0 Buffer	WC231027D	10.00	1/23/24 8:43
LCS (7.0 Buffer)	WC231207A		

Conductivity Standard	LIMS ID/Lot#	Reading	Date/Time
1412 µS Std.	95009	1412	1/23/24 8:44

Sample ID	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	Comments
LCS	1/23/24 8:48	3.6	7.08	1,409	2.87	
CCV (Mid Day)	1/23/24 11:41	11.3	7.05	1,416	0.98	
CCV	1/23/24 15:13	14.1	7.03	1,411	1.1	

Field Meter ID: Fine 218052
Technician: Tracy Carroll

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	wc2308308	4.00	1/24/24 8:57
7.0 Buffer	WC230616F	7.00	1/24/24 9:01
10.0 Buffer	WC231027D	10.00	1/24/24 9:03
LCS (7.0 Buffer)	WC231207A		

Conductivity Standard	LIMS ID/Lot#	Reading	Date/Time
1412 µS Std.	95009	1412	1/24/24 9:10

Sample ID	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	Comments
LCS	1/24/24 9:13	19.3	7.10	1,410	2.02	
CCV (Mid Day)	1/24/24 11:21	19.6	7.05	1,422	1.86	
CCV	1/24/24 14:44	20.1	7.08	1,480	1.68	

Site Sampling Event: Newton 1Q 2024
LIMS Workorder: 24010247
Technician(s): DC, JC, TC, BG

Field Calibration Log(s)
Newton- 1Q 2024

Field Meter ID: Pine 218052
Technician: Tracy Carroll

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	WC230830B	4.00	1/25/24 10:23
7.0 Buffer	WC230616F	7.00	1/25/24 10:24
10.0 Buffer	WC231027D	10.00	1/25/24 10:25
LCS (7.0 Buffer)	WC231207A		

Conductivity Standard	LIMS ID/Lot#	Reading	Date/Time
1412 µS Std.	95009	1412	1/25/24 10:15

Sample ID	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	Comments
LCS	1/25/24 10:26	19.4	7.09	1,421	1.62	
CCV (Mid Day)	1/25/24 12:44	19.1	7.07	1,410	1.11	
CCV	1/25/24 15:33	19	7.09	1,367	2.14	

Field Meter ID:
Technician:

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer			
7.0 Buffer			
10.0 Buffer			
LCS (7.0 Buffer)			

Conductivity Standard	LIMS ID/Lot#	Reading	Date/Time
1412 µS Std.			

Sample ID	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	Comments
LCS						
CCV (Mid Day)						
CCV						

Field Meter ID:
Technician:

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer			
7.0 Buffer			
10.0 Buffer			
LCS (7.0 Buffer)			

Conductivity Standard	LIMS ID/Lot#	Reading	Date/Time
1412 µS Std.			

Sample ID	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	Comments
LCS						
CCV (Mid Day)						
CCV						

Site Sampling Event: Newton 1Q 2024
LIMS Workorder: 24010247
Technician(s): DC, JC, TC, BG

Field Calibration Log(s)
Newton- 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 29218
Technician: Justin Culp

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	wc230830b	4.00	1/16/24 8:10
7.0 Buffer	wc230616f	7.01	1/16/24 8:16
10.0 Buffer	wc231027d	10.01	1/16/24 8:21
LCS (7.0 Buffer)	wc231207a		

Conductivity Standard	LIMS ID/Lot#	Reading	Date/Time
1412 µS Std.	95009	1415	1/16/24 8:26

Sample ID	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	Comments
LCS	1/16/24 8:30	17.4	7.01	1,419	1.81	
CCV (Mid Day)	1/16/24 12:06	17.3	7.05	1,420	1.08	
CCV	1/16/24 14:55	17.1	7.03	1,444	2.49	

Field Meter ID: Pine 29218
Technician: Brett Gillihan

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	wc230830b	4.01	1/17/24 9:14
7.0 Buffer	wc230616f	7.00	1/17/24 9:21
10.0 Buffer	wc231027d	10.03	1/17/24 9:29
LCS (7.0 Buffer)	wc231207a		

Conductivity Standard	LIMS ID/Lot#	Reading	Date/Time
1412 µS Std.	95009	1416	1/17/24 9:32

Sample ID	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	Comments
LCS	1/17/24 9:33	17.2	7.01	1,420	2.22	
CCV (Mid Day)	1/17/24 11:50	18	7.00	1,423	1.89	
CCV	1/17/24 14:50	18.12	7.00	1,449	2.67	

Site Sampling Event: Newton 1Q 2024
LIMS Workorder: 24010247
Technician(s): DC, JC, TC, BG

Field Calibration Log(s)
Newton- 1Q 2024

Field Meter ID: Pine 29218
Technician: Justin Colp

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	wc230830b	4.00	1/18/24 8:49
7.0 Buffer	wc230616f	7.09	1/18/24 8:52
10.0 Buffer	wc231027d	10.00	1/18/24 8:55
LCS (7.0 Buffer)	wc231207a		

Conductivity Standard	LIMS ID/Lot#	Reading	Date/Time
1412 µS Std.	95009	1412	1/18/24 9:11

Sample ID	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	Comments
LCS	1/18/24 9:15	17.8	7.08	1,398	2.36	
CCV (Mid Day)	1/18/24 12:56	18.1	7.04	1,392	2.21	
CCV	1/18/24 15:00	18	7.05	1,389	2.35	

Field Meter ID: Pine 29218
Technician: Justin Colp

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	wc230830b	4.00	1/23/24 11:14
7.0 Buffer	wc230616f	7.02	1/23/24 11:17
10.0 Buffer	wc231027d	9.99	1/23/24 11:22
LCS (7.0 Buffer)	wc231207a		

Conductivity Standard	LIMS ID/Lot#	Reading	Date/Time
1412 µS Std.	95009	1414	1/23/24 11:27

Sample ID	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	Comments
LCS	1/23/24 11:32	17.3	7.03	1,421	2.23	
CCV (Mid Day)	-	-	-	-	-	
CCV	1/23/24 14:57	16.8	7.03	1,444	2.89	

Field Meter ID: Pine 29218
Technician: Justin Colp

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	wc230830b	4.01	1/24/24 8:26
7.0 Buffer	wc230616f	7.02	1/24/24 8:31
10.0 Buffer	wc231027d	10.01	1/24/24 8:35
LCS (7.0 Buffer)	wc231207a		

Conductivity Standard	LIMS ID/Lot#	Reading	Date/Time
1412 µS Std.	95009	1417	1/24/24 8:40

Sample ID	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	Comments
LCS	1/24/24 8:45	17.3	7.03	1,424	3.03	
CCV (Mid Day)	1/24/24 12:02	17.5	7.04	1,431	2.98	
CCV	1/24/24 14:17	16.4	7.04	1,439	2.97	

Site Sampling Event: Newton 1Q 2024
LIMS Workorder: 24010247
Technician(s): DC, JC, TC, BG

Field Calibration Log(s)
Newton- 1Q 2024

Field Meter ID: Pine 29218
Technician: justin colp

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	wc2308830b	4.00	1/25/24 8:25
7.0 Buffer	wc2308618f	7.02	1/25/24 8:30
10.0 Buffer	wc2310027d	9.98	1/25/24 8:34
LCS (7.0 Buffer)	wc2312070		

Conductivity Standard	LIMS ID/Lot#	Reading	Date/Time
1412 µS Std.	95009	1414	1/25/24 8:40

Sample ID	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	Comments
LCS	1/25/24 8:46	18.2	7.02	1,420	2.2	
CCV (Mid Day)	1/25/24 11:33	18	7.01	1,430	1.96	
CCV	1/25/24 15:24	17.5	7.04	1,437	2.8	

Field Meter ID: Pine 29218
Technician: justin colp

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	wc2308830b	4.00	1/26/24 8:25
7.0 Buffer	wc2308618f	7.02	1/26/24 8:29
10.0 Buffer	wc2310027d	10.00	1/26/24 8:33
LCS (7.0 Buffer)	wc2312070		

Conductivity Standard	LIMS ID/Lot#	Reading	Date/Time
1412 µS Std.	95009	1416	1/26/24 8:38

Sample ID	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	Comments
LCS	1/26/24 8:42	18.4	7.01	1,423	2.15	
CCV (Mid Day)	-	-	-	-	-	
CCV	1/26/24 10:41	17.7	7.02	1,433	2.19	

Field Meter ID:
Technician:

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer			
7.0 Buffer			
10.0 Buffer			
LCS (7.0 Buffer)			

Conductivity Standard	LIMS ID/Lot#	Reading	Date/Time
1412 µS Std.			

Sample ID	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	Comments
LCS						
CCV (Mid Day)						
CCV						

Site Sampling Event: Newton 1Q24
LIMS Workorder: 24021397
Technician(s): JC, BG

Groundwater Sampling Summary
Newton- 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	G048MG	Groundwater Sample	57.0	None	N	Clear	Good	Good	Good	Yes	Yes
002	G208	Groundwater Sample	55.0	None	N	Clear	Good	Good	Other (see note)	Yes	No
003	L301-leachate	Leachate Sample	55.0	None	N	Clear					
004	Field Blank	QA/QC Sample	58.0	None	N	Clear					
005	Equipment Blank 1	QA/QC Sample	57.0	None	N	Clear					
006											

Site Sampling Event: Newton 1Q24
LIMS Workorder: 24021397
Technician(s): JC, BG

Groundwater Sampling Summary
Newton- 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	G048MG	JC	2/26/24 10:35	18.86	79.90	JC	2/26/2024	10:46	11:07	Submersible Pump	2"	8.0	381.0
002	G208				96.60								
003	L301-leachate												
004	Field Blank												
005	Equipment Blank 1												
006													

Site Sampling Event: Newton 1Q24
LIMS Workorder: 24021397
Technician(s): JC, BG

Groundwater Sampling Summary
Newton- 1Q 2024

		Sampling Activities and Observations									
WO Sample	Well ID	Sampler Initials	Date	Time	Sampling Method	Field Filtered	Appearance	Odor	Color	Post-Sample DTW (ft)	Drawdown (ft)
001	G048MG	JC	02/26/24	11:07	Low Flow	No	Clear	None	none	19.02	0.16
002	G208										
003	L301-leachate										
004	Field Blank	JC	02/26/24	11:23							
005	Equipment Blank 1	JC	02/26/24	11:25							
006											

Site Sampling Event: Newton 1Q24
LIMS Workorder: 24021397
Technician(s): JC, BG

Groundwater Sampling Summary
Newton- 1Q 2024

WO Sample	Well ID	COMMENTS
001	G048MG	
002	G208	Pump and tubing stuck in well. No sample attempted.
003	L301-leachate	Repaired surface air line fittings and tubing. No sample, possible pump issue.
004	Field Blank	
005	Equipment Blank 1	
006		

Site Sampling Event: Newton 1Q24
LIMS Workorder: 24021397
Technician(s): JC, BG

Stabilized Field Parameters Summary
Newton- 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)	Instrument ID	LIMS ID
G048MG	2/26/2024	11:07	17.5	63.5	7.17	830.6	1.04	10.56	17.3	79.90	45720	24010248-001A
G208	2/26/2024	*Unable to collect sample (pump/tubing stuck)*										24010248-002A
L301-leachate	2/26/2024	*Unable to collect sample (potential issue with pump)*										24010248-003A
Field Blank	2/26/2024	11:23	QA/QC Sample									24010248-004A
Equipment Blank 1	2/26/2024	11:25	QA/QC Sample									24010248-005A

Site Sampling Event: Newton 1Q24
LIMS Workorder: 24021397
Technician(s): JC, BG

Groundwater Sampling Form- Groundwater Quality Paramaters
Newton- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G048MG	2/26/2024	11:01	79.90	17.4	63.3	7.09	830.3	1.28	15.46	81.0
G048MG	2/26/2024	11:04	79.90	17.5	63.5	7.13	830.6	1.13	5.84	45.4
G048MG	2/26/2024	11:07	79.90	17.5	63.5	7.17	830.6	1.04	10.56	17.3

Site Sampling Event: Newton 1Q24
LIMS Workorder: 24021397
Technician(s): JC, BG

Groundwater Sampling Form- Groundwater Quality Paramaters
Newton- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G208	2/26/2024	*Unable to collect sample (pump/tubing stuck)*								

Site Sampling Event: Newton 1Q24
LIMS Workorder: 24021397
Technician(s): JC, BG

Groundwater Sampling Form- Groundwater Quality Paramaters
Newton- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
L301-leachate	2/26/2024	*Unable to collect sample (potential issue with pump)*								

Site Sampling Event: Newton 1Q24
LIMS Workorder: 24021397
Technician(s): JC, BG

Groundwater Sampling Form- Groundwater Quality Paramaters
Newton- 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	2/26/2024	11:23	QA/QC Sample							

Site Sampling Event: Newton 1Q24
LIMS Workorder: 24021397
Technician(s): JC, BG

Groundwater Sampling Form- Groundwater Quality Paramaters
Newton- 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 1	2/26/2024	11:25	QA/QC Sample							

Site Sampling Event: Newton 1Q24
LIMS Workorder: 24021397
Technician(s): JC, BG

Field Calibration Log(s)
Newton- 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):** J. Colp/ B. Gillihan **Date:** 2/26/2024

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	wc230830b	4.00	1/26/24 8:25
7.0 Buffer	wc230616f	7.02	1/26/24 8:28
10.0 Buffer	wc231027d	10.00	1/26/24 8:33
ICS/ICSV (7.0 Buffer)	wc231207a		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	95009	1416	1/26/24 8:38

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	1/26/24 8:42	18.4	7.01	1,423	2.15			
CCV	1/26/24 10:41	17.7	7.02	1,433	2.19			

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 12/26/2023 5:12:31PM

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	7.21	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	10.15	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	0.03	0.00	0.00%	Pass
124.00 / 124.00	NTU	124.00	NTU	122.65	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	1.391	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	272.80	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 45720
Description YSI Pro DSS
Calibrated 12/26/2023 5:13:31PM

Group # 5		**Range Acc %** 0.0000	
Group Name Dissolved Oxygen Span		**Reading Acc %** 3.0000	
Stated Accy Pct of Reading		**Plus/Minus** 0.00	

Step In Val / In Val	In Type	Out Val	Out Type	Fail As	Lil As	Dev %	Pass/Fail
100.00 / 100.00	%	100.00	%	97.30	100.00	0.00%	Pass

Test Instruments Used During this 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#3GF1521	STL 1413 COND L#3GF1521	AquaPhoenix Scientific	31986	3GF1521		5/20/2024
STL ORP SOLUTION 240MV L#3GJ0094	STL ORP SOLUTION 240MV L#3GJ0094	AquaPhoenix Scientific	ORP Solution	3GJ0094		7/25/2024
STL PH10 #3GF1088	STL PH10 #3GF1088	AquaPhoenix Scientific	PH 10	3GF1088		6/25/2025
STL PH4 L#3GG0025	STL pH4 L#3GG0025	AquaPhoenix Scientific	pH 4	3GG0025		7/25/2025
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 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

Teklab, Inc.
Environmental Laboratory

http://www.teklabinc.com/

September 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: NEW-24Q3 **WorkOrder:** 24061026

Dear Eric Bauer:

TEKLAB, INC received 22 samples for NEW_257_502 on 8/8/2024 2:24:00 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: 24061026
Client Project: NEW-24Q3
Report Date: 06-Sep-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	28
Quality Control Results	29
Receiving Check List	137
Chain of Custody	Appended

Definitions

Client: Ramboll **Work Order:** 24061026

Client Project: NEW-24Q3 **Report Date:** 06-Sep-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:** 24061026

Client Project: NEW-24Q3 **Report Date:** 06-Sep-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
Work Order: 24061026
Client Project: NEW-24Q3
Report Date: 06-Sep-24

Cooler Receipt Temp: 22.9 °C

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

G208 could not be collected; the well was obstructed.

Per Eric Bauer's request, only NEW_257_502 data is included in this report. EAH 9/6/24

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:** 24061026

Client Project: NEW-24Q3 **Report Date:** 06-Sep-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

Laboratory Results

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

Client: Ramboll **Work Order:** 24061026

Client Project: NEW-24Q3 **Report Date:** 06-Sep-24

Lab ID: 24061026-022 **Client Sample ID:** G06D

Matrix: GROUNDWATER **Collection Date:** 07/10/2024 10:04

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**28.83**	ft	1	07/10/2024 10:04	R350256
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**74**	NTU	1	07/10/2024 10:04	R350256
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		**-130**	mV	1	07/10/2024 10:04	R350256
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**1520**	µS/cm	1	07/10/2024 10:04	R350256
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**16.7**	°C	1	07/10/2024 10:04	R350256
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**0.53**	mg/L	1	07/10/2024 10:04	R350256
SW-846 9040B FIELD									
pH	*	0	1.00		**7.03**		1	07/10/2024 10:04	R350256
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**795**	mg/L	1	07/11/2024 12:06	R350050
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	07/11/2024 12:06	R350050
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		**856**	mg/L	1	07/12/2024 11:44	R350208
SW-846 9036 (TOTAL)									
Sulfate	NELAP	12	20	JS	**15**	mg/L	2	07/12/2024 17:41	R350166
Matrix spike did not recover within control limits due to matrix interference.									
Elevated reporting limit due to matrix interference.									
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**0.96**	mg/L	1	07/11/2024 11:09	R350044
SW-846 9251 (TOTAL)									
Chloride	NELAP	2	20		**55**	mg/L	5	07/15/2024 16:00	R350234
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.035	0.100	S	**116**	mg/L	1	07/12/2024 15:09	225566
Magnesium	NELAP	0.006	0.050	S	**51.4**	mg/L	1	07/12/2024 15:09	225566
Potassium	NELAP	0.040	0.100		**3.16**	mg/L	1	07/12/2024 15:09	225566
Sodium	NELAP	0.018	0.050	S	**153**	mg/L	1	07/12/2024 15:09	225566
Matrix spike control limits are not applicable due to high sample/spike ratio.									
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Boron	NELAP	9.2	25.0		**175**	µg/L	5	07/15/2024 15:33	225566

Laboratory Results

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

Client: Ramboll **Work Order:** 24061026

Client Project: NEW-24Q3 **Report Date:** 06-Sep-24

Lab ID: 24061026-046 **Client Sample ID:** G201

Matrix: GROUNDWATER **Collection Date:** 07/10/2024 11:55

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**17.18**	ft	1	07/10/2024 11:55	R350256
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**29**	NTU	1	07/10/2024 11:55	R350256
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		**-103**	mV	1	07/10/2024 11:55	R350256
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**1240**	µS/cm	1	07/10/2024 11:55	R350256
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**22.2**	°C	1	07/10/2024 11:55	R350256
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**0.45**	mg/L	1	07/10/2024 11:55	R350256
SW-846 9040B FIELD									
pH	*	0	1.00		**7.50**		1	07/10/2024 11:55	R350256
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**194**	mg/L	1	07/11/2024 11:34	R350050
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	07/11/2024 11:34	R350050
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		**912**	mg/L	1	07/12/2024 11:44	R350208
SW-846 9036 (TOTAL)									
Sulfate	NELAP	123	200		**537**	mg/L	20	07/12/2024 18:13	R350166
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**0.79**	mg/L	1	07/11/2024 11:10	R350044
SW-846 9251 (TOTAL)									
Chloride	NELAP	1	4		**5**	mg/L	1	07/12/2024 18:07	R350172
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.035	0.100		**203**	mg/L	1	07/12/2024 15:36	225566
Magnesium	NELAP	0.006	0.050		**24.7**	mg/L	1	07/12/2024 15:36	225566
Potassium	NELAP	0.040	0.100		**3.19**	mg/L	1	07/12/2024 15:36	225566
Sodium	NELAP	0.018	0.050		**97.9**	mg/L	1	07/12/2024 15:36	225566
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Boron	NELAP	9.2	25.0		**125**	µg/L	5	07/15/2024 15:05	225566

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24061026

Client Project: NEW-24Q3 **Report Date:** 06-Sep-24

Lab ID: 24061026-047 **Client Sample ID:** G202

Matrix: GROUNDWATER **Collection Date:** 07/09/2024 12:56

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**47.98**	ft	1	07/09/2024 12:56	R350256
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**100**	NTU	1	07/09/2024 12:56	R350256
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		**-139**	mV	1	07/09/2024 12:56	R350256
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**1240**	µS/cm	1	07/09/2024 12:56	R350256
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**16.1**	°C	1	07/09/2024 12:56	R350256
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**0.24**	mg/L	1	07/09/2024 12:56	R350256
SW-846 9040B FIELD									
pH	*	0	1.00		**7.30**		1	07/09/2024 12:56	R350256
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**501**	mg/L	1	07/11/2024 12:20	R350050
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	07/11/2024 12:20	R350050
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		**770**	mg/L	1	07/11/2024 9:13	R350125
SW-846 9036 (TOTAL)									
Sulfate	NELAP	31	50		**125**	mg/L	5	07/12/2024 18:15	R350166
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**0.56**	mg/L	1	07/11/2024 11:12	R350044
SW-846 9251 (TOTAL)									
Chloride	NELAP	2	20		**64**	mg/L	5	07/12/2024 18:15	R350172
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.035	0.100		**123**	mg/L	1	07/12/2024 15:37	225566
Magnesium	NELAP	0.006	0.050		**47.1**	mg/L	1	07/12/2024 15:37	225566
Potassium	NELAP	0.040	0.100		**2.07**	mg/L	1	07/12/2024 15:37	225566
Sodium	NELAP	0.018	0.050		**108**	mg/L	1	07/12/2024 15:37	225566
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Boron	NELAP	9.2	25.0		**114**	µg/L	5	07/15/2024 15:10	225566

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24061026

Client Project: NEW-24Q3 **Report Date:** 06-Sep-24

Lab ID: 24061026-048 **Client Sample ID:** G203

Matrix: GROUNDWATER **Collection Date:** 07/09/2024 13:31

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**41.48**	ft	1	07/09/2024 13:31	R350256
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**110**	NTU	1	07/09/2024 13:31	R350256
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		**-130**	mV	1	07/09/2024 13:31	R350256
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**1190**	µS/cm	1	07/09/2024 13:31	R350256
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**14.8**	°C	1	07/09/2024 13:31	R350256
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**0.18**	mg/L	1	07/09/2024 13:31	R350256
SW-846 9040B FIELD									
pH	*	0	1.00		**7.21**		1	07/09/2024 13:31	R350256
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**479**	mg/L	1	07/11/2024 12:14	R350050
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	07/11/2024 12:14	R350050
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		**746**	mg/L	1	07/11/2024 9:13	R350125
SW-846 9036 (TOTAL)									
Sulfate	NELAP	61	100		**123**	mg/L	10	07/12/2024 18:23	R350166
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**0.40**	mg/L	1	07/11/2024 11:14	R350044
SW-846 9251 (TOTAL)									
Chloride	NELAP	1	8		**56**	mg/L	2	07/12/2024 18:18	R350172
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.035	0.100		**127**	mg/L	1	07/12/2024 15:39	225566
Magnesium	NELAP	0.006	0.050		**47.0**	mg/L	1	07/12/2024 15:39	225566
Potassium	NELAP	0.040	0.100		**2.47**	mg/L	1	07/12/2024 15:39	225566
Sodium	NELAP	0.018	0.050		**87.0**	mg/L	1	07/12/2024 15:39	225566
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Boron	NELAP	9.2	25.0		**86.7**	µg/L	5	07/15/2024 15:16	225566

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24061026

Client Project: NEW-24Q3 **Report Date:** 06-Sep-24

Lab ID: 24061026-052 **Client Sample ID:** G220

Matrix: GROUNDWATER **Collection Date:** 07/10/2024 10:59

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**17.00**	ft	1	07/10/2024 10:59	R350256
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**14**	NTU	1	07/10/2024 10:59	R350256
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		**-122**	mV	1	07/10/2024 10:59	R350256
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**1260**	µS/cm	1	07/10/2024 10:59	R350256
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**21.2**	°C	1	07/10/2024 10:59	R350256
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**0.24**	mg/L	1	07/10/2024 10:59	R350256
SW-846 9040B FIELD									
pH	*	0	1.00		**6.89**		1	07/10/2024 10:59	R350256
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**672**	mg/L	1	07/11/2024 10:52	R350050
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	07/11/2024 10:52	R350050
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		**728**	mg/L	1	07/12/2024 11:44	R350208
SW-846 9036 (TOTAL)									
Sulfate	NELAP	6	10		**16**	mg/L	1	07/12/2024 18:26	R350166
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**1.44**	mg/L	1	07/11/2024 11:26	R350044
SW-846 9251 (TOTAL)									
Chloride	NELAP	1	4		**39**	mg/L	1	07/12/2024 18:26	R350172
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.035	0.100		**109**	mg/L	1	07/12/2024 15:41	225566
Magnesium	NELAP	0.006	0.050		**44.9**	mg/L	1	07/12/2024 15:41	225566
Potassium	NELAP	0.040	0.100		**4.20**	mg/L	1	07/12/2024 15:41	225566
Sodium	NELAP	0.018	0.050		**144**	mg/L	1	07/12/2024 15:41	225566
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Boron	NELAP	9.2	25.0		**274**	µg/L	5	07/15/2024 15:22	225566

Laboratory Results

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

Client: Ramboll **Work Order:** 24061026

Client Project: NEW-24Q3 **Report Date:** 06-Sep-24

Lab ID: 24061026-055 **Client Sample ID:** G223

Matrix: GROUNDWATER **Collection Date:** 07/10/2024 11:58

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**32.84**	ft	1	07/10/2024 11:58	R350256
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**95**	NTU	1	07/10/2024 11:58	R350256
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		**-79**	mV	1	07/10/2024 11:58	R350256
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**3660**	µS/cm	1	07/10/2024 11:58	R350256
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**19.0**	°C	1	07/10/2024 11:58	R350256
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**0.19**	mg/L	1	07/10/2024 11:58	R350256
SW-846 9040B FIELD									
pH	*	0	1.00		**6.85**		1	07/10/2024 11:58	R350256
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**870**	mg/L	1	07/11/2024 10:35	R350050
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	07/11/2024 10:35	R350050
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		**2630**	mg/L	1	07/12/2024 11:45	R350208
SW-846 9036 (TOTAL)									
Sulfate	NELAP	307	500		**844**	mg/L	50	07/12/2024 18:34	R350166
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**0.83**	mg/L	1	07/11/2024 11:16	R350044
SW-846 9251 (TOTAL)									
Chloride	NELAP	5	40		**347**	mg/L	10	07/12/2024 18:29	R350172
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.035	0.100		**378**	mg/L	1	07/12/2024 15:42	225566
Magnesium	NELAP	0.006	0.050		**167**	mg/L	1	07/12/2024 15:42	225566
Potassium	NELAP	0.040	0.100		**5.17**	mg/L	1	07/12/2024 15:42	225566
Sodium	NELAP	0.018	0.050		**361**	mg/L	1	07/12/2024 15:42	225566
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Boron	NELAP	9.2	25.0		**230**	µg/L	5	07/15/2024 15:27	225566

Laboratory Results

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

Client: Ramboll **Work Order:** 24061026

Client Project: NEW-24Q3 **Report Date:** 06-Sep-24

Lab ID: 24061026-058 **Client Sample ID:** G230

Matrix: GROUNDWATER **Collection Date:** 07/02/2024 13:41

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**48.31**	ft	1	07/02/2024 13:41	R350256
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**67**	NTU	1	07/02/2024 13:41	R350256
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		**-105**	mV	1	07/02/2024 13:41	R350256
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**2700**	µS/cm	1	07/02/2024 13:41	R350256
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**17.5**	°C	1	07/02/2024 13:41	R350256
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**0.47**	mg/L	1	07/02/2024 13:41	R350256
SW-846 9040B FIELD									
pH	*	0	1.00		**7.31**		1	07/02/2024 13:41	R350256
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**508**	mg/L	1	07/03/2024 10:34	R349737
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	07/03/2024 10:34	R349737
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	40	50		**955**	mg/L	2.5	07/03/2024 11:32	R349790
SW-846 9036 (TOTAL)									
Sulfate	NELAP	61	100		**249**	mg/L	10	07/03/2024 18:28	R349714
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**0.54**	mg/L	1	07/03/2024 10:00	R349705
SW-846 9251 (TOTAL)									
Chloride	NELAP	1	8		**65**	mg/L	2	07/03/2024 18:23	R349718
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.035	0.100	S	**142**	mg/L	1	07/08/2024 16:45	225284
Magnesium	NELAP	0.006	0.050	S	**57.4**	mg/L	1	07/08/2024 16:45	225284
Potassium	NELAP	0.040	0.100		**4.52**	mg/L	1	07/08/2024 16:45	225284
Sodium	NELAP	0.018	0.050	S	**124**	mg/L	1	07/08/2024 16:45	225284
Matrix spike control limits are not applicable due to high sample/spike ratio.									
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Boron	NELAP	9.2	25.0		**159**	µg/L	5	07/05/2024 23:39	225284

Laboratory Results

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

Client: Ramboll **Work Order:** 24061026

Client Project: NEW-24Q3 **Report Date:** 06-Sep-24

Lab ID: 24061026-059 **Client Sample ID:** G231

Matrix: GROUNDWATER **Collection Date:** 07/10/2024 11:19

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**47.55**	ft	1	07/10/2024 11:19	R350256
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**160**	NTU	1	07/10/2024 11:19	R350256
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		**-120**	mV	1	07/10/2024 11:19	R350256
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**1210**	µS/cm	1	07/10/2024 11:19	R350256
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**16.3**	°C	1	07/10/2024 11:19	R350256
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**0.07**	mg/L	1	07/10/2024 11:19	R350256
SW-846 9040B FIELD									
pH	*	0	1.00		**7.44**		1	07/10/2024 11:19	R350256
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**484**	mg/L	1	07/11/2024 11:16	R350050
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	07/11/2024 11:16	R350050
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		**844**	mg/L	1	07/12/2024 11:45	R350208
SW-846 9036 (TOTAL)									
Sulfate	NELAP	61	100		**141**	mg/L	10	07/12/2024 18:56	R350166
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**0.42**	mg/L	1	07/11/2024 11:28	R350044
SW-846 9251 (TOTAL)									
Chloride	NELAP	1	8		**60**	mg/L	2	07/12/2024 18:37	R350172
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.035	0.100		**135**	mg/L	1	07/12/2024 15:44	225566
Magnesium	NELAP	0.006	0.050		**50.7**	mg/L	1	07/12/2024 15:44	225566
Potassium	NELAP	0.040	0.100		**4.18**	mg/L	1	07/12/2024 15:44	225566
Sodium	NELAP	0.018	0.050		**106**	mg/L	1	07/12/2024 15:44	225566
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Boron	NELAP	9.2	25.0		**95.3**	µg/L	5	07/15/2024 16:31	225566

Laboratory Results

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

Client: Ramboll **Work Order:** 24061026

Client Project: NEW-24Q3 **Report Date:** 06-Sep-24

Lab ID: 24061026-060 **Client Sample ID:** G232

Matrix: GROUNDWATER **Collection Date:** 07/09/2024 11:27

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**45.92**	ft	1	07/09/2024 11:27	R350256
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**100**	NTU	1	07/09/2024 11:27	R350256
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		**-147**	mV	1	07/09/2024 11:27	R350256
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**1190**	µS/cm	1	07/09/2024 11:27	R350256
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**16.2**	°C	1	07/09/2024 11:27	R350256
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**0.18**	mg/L	1	07/09/2024 11:27	R350256
SW-846 9040B FIELD									
pH	*	0	1.00		**7.23**		1	07/09/2024 11:27	R350256
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**485**	mg/L	1	07/10/2024 12:17	R349993
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	07/10/2024 12:17	R349993
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		**722**	mg/L	1	07/11/2024 9:31	R350125
SW-846 9036 (TOTAL)									
Sulfate	NELAP	61	100		**125**	mg/L	10	07/10/2024 15:29	R350008
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**0.42**	mg/L	1	07/10/2024 12:29	R349987
SW-846 9251 (TOTAL)									
Chloride	NELAP	1	8		**54**	mg/L	2	07/10/2024 15:24	R349979
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.035	0.100	S	**115**	mg/L	1	07/11/2024 8:39	225498
Magnesium	NELAP	0.006	0.050	S	**43.7**	mg/L	1	07/11/2024 8:39	225498
Potassium	NELAP	0.040	0.100		**3.11**	mg/L	1	07/11/2024 8:39	225498
Sodium	NELAP	0.018	0.050	S	**87.5**	mg/L	1	07/11/2024 8:39	225498
Matrix spike control limits are not applicable due to high sample/spike ratio.									
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Boron	NELAP	9.2	25.0		**107**	µg/L	5	07/11/2024 12:50	225498

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24061026

Client Project: NEW-24Q3 **Report Date:** 06-Sep-24

Lab ID: 24061026-061 **Client Sample ID:** G233

Matrix: GROUNDWATER **Collection Date:** 07/09/2024 9:41

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**42.86**	ft	1	07/09/2024 9:41	R350256
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**110**	NTU	1	07/09/2024 9:41	R350256
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		**-131**	mV	1	07/09/2024 9:41	R350256
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**1530**	µS/cm	1	07/09/2024 9:41	R350256
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**15.7**	°C	1	07/09/2024 9:41	R350256
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**0.57**	mg/L	1	07/09/2024 9:41	R350256
SW-846 9040B FIELD									
pH	*	0	1.00		**7.13**		1	07/09/2024 9:41	R350256
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**509**	mg/L	1	07/10/2024 12:23	R349993
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	07/10/2024 12:23	R349993
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		**986**	mg/L	1	07/11/2024 9:31	R350125
SW-846 9036 (TOTAL)									
Sulfate	NELAP	61	100		**271**	mg/L	10	07/10/2024 15:37	R350008
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**0.42**	mg/L	1	07/10/2024 12:30	R349987
SW-846 9251 (TOTAL)									
Chloride	NELAP	1	8		**53**	mg/L	2	07/10/2024 15:32	R349979
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.035	0.100		**141**	mg/L	1	07/11/2024 8:41	225498
Magnesium	NELAP	0.006	0.050		**55.7**	mg/L	1	07/11/2024 8:41	225498
Potassium	NELAP	0.040	0.100		**3.00**	mg/L	1	07/11/2024 8:41	225498
Sodium	NELAP	0.018	0.050		**100**	mg/L	1	07/11/2024 8:41	225498
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Boron	NELAP	9.2	25.0		**133**	µg/L	5	07/11/2024 12:44	225498

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24061026

Client Project: NEW-24Q3 **Report Date:** 06-Sep-24

Lab ID: 24061026-063 **Client Sample ID:** G48MG

Matrix: GROUNDWATER **Collection Date:** 07/11/2024 8:52

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**18.94**	ft	1	07/11/2024 8:52	R350256
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**9.0**	NTU	1	07/11/2024 8:52	R350256
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		**-70**	mV	1	07/11/2024 8:52	R350256
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**798**	µS/cm	1	07/11/2024 8:52	R350256
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**16.2**	°C	1	07/11/2024 8:52	R350256
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**0.25**	mg/L	1	07/11/2024 8:52	R350256
SW-846 9040B FIELD									
pH	*	0	1.00		**7.63**		1	07/11/2024 8:52	R350256
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**415**	mg/L	1	07/12/2024 12:55	R350130
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	07/12/2024 12:55	R350130
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		**524**	mg/L	1	07/12/2024 9:34	R350208
SW-846 9036 (TOTAL)									
Sulfate	NELAP	6	10		**17**	mg/L	1	07/12/2024 20:58	R350166
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**0.46**	mg/L	1	07/12/2024 10:40	R350044
SW-846 9251 (TOTAL)									
Chloride	NELAP	1	4		**28**	mg/L	1	07/12/2024 20:58	R350172
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.035	0.100		**50.6**	mg/L	1	07/16/2024 14:19	225659
Magnesium	NELAP	0.006	0.050		**22.1**	mg/L	1	07/16/2024 14:19	225659
Potassium	NELAP	0.040	0.100		**2.35**	mg/L	1	07/16/2024 14:19	225659
Sodium	NELAP	0.018	0.050		**126**	mg/L	1	07/16/2024 14:19	225659
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Boron	NELAP	9.2	25.0		**256**	µg/L	5	07/15/2024 21:40	225659

Laboratory Results

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

Client: Ramboll **Work Order:** 24061026

Client Project: NEW-24Q3 **Report Date:** 06-Sep-24

Lab ID: 24061026-064 **Client Sample ID:** L1R

Matrix: LEACHATE **Collection Date:** 07/11/2024 10:20

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**53.69**	ft	1	07/11/2024 10:20	R350256
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**720**	NTU	1	07/11/2024 10:20	R350256
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		**-11**	mV	1	07/11/2024 10:20	R350256
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**48700**	µS/cm	1	07/11/2024 10:20	R350256
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**23.4**	°C	1	07/11/2024 10:20	R350256
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**2.40**	mg/L	1	07/11/2024 10:20	R350256
SW-846 9040B FIELD									
pH	*	0	1.00		**10.8**		1	07/11/2024 10:20	R350256
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**266**	mg/L	1	07/12/2024 12:46	R350130
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**580**	mg/L	1	07/12/2024 12:46	R350130
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	800	1000		**49600**	mg/L	50	07/17/2024 14:42	R350404
SW-846 9036 (TOTAL)									
Sulfate	NELAP	6140	10000		**20800**	mg/L	1000	07/12/2024 21:05	R350166
SW-846 9251 (TOTAL)									
Chloride	NELAP	500	4000		**9190**	mg/L	1000	07/12/2024 21:06	R350172
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	3.50	10.0		**882**	mg/L	100	07/16/2024 14:24	225659
Magnesium	NELAP	0.550	5.00		**11.6**	mg/L	100	07/16/2024 14:24	225659
Potassium	NELAP	10.0	25.0		**1810**	mg/L	250	07/17/2024 12:36	225659
Sodium	NELAP	1.80	5.00		**15200**	mg/L	100	07/16/2024 14:24	225659

Laboratory Results

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

Client: Ramboll **Work Order:** 24061026

Client Project: NEW-24Q3 **Report Date:** 06-Sep-24

Lab ID: 24061026-070 **Client Sample ID:** L301

Matrix: LEACHATE **Collection Date:** 07/11/2024 10:02

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**See comment**	ft	1	07/11/2024 10:02	R350256
No measurement access.									
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**2.2**	NTU	1	07/11/2024 10:02	R350256
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		**52**	mV	1	07/11/2024 10:02	R350256
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**4980**	µS/cm	1	07/11/2024 10:02	R350256
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**17.6**	°C	1	07/11/2024 10:02	R350256
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**2.94**	mg/L	1	07/11/2024 10:02	R350256
SW-846 9040B FIELD									
pH	*	0	1.00		**10.2**		1	07/11/2024 10:02	R350256
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	07/12/2024 12:35	R350130
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**168**	mg/L	1	07/12/2024 12:35	R350130
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		**3790**	mg/L	1	07/12/2024 9:36	R350208
SW-846 9036 (TOTAL)									
Sulfate	NELAP	307	500		**2430**	mg/L	50	07/12/2024 21:13	R350166
SW-846 9251 (TOTAL)									
Chloride	NELAP	1	8		**56**	mg/L	2	07/12/2024 21:08	R350172
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.035	0.100		**33.8**	mg/L	1	07/16/2024 14:26	225659
Magnesium	NELAP	0.006	0.050		**1.93**	mg/L	1	07/16/2024 14:26	225659
Potassium	NELAP	0.400	1.00		**85.5**	mg/L	10	07/16/2024 14:26	225659
Sodium	NELAP	0.180	0.500		**1260**	mg/L	10	07/16/2024 14:26	225659

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24061026

Client Project: NEW-24Q3 **Report Date:** 06-Sep-24

Lab ID: 24061026-071 **Client Sample ID:** R217D

Matrix: GROUNDWATER **Collection Date:** 07/02/2024 11:34

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**19.25**	ft	1	07/02/2024 11:34	R350256
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**74**	NTU	1	07/02/2024 11:34	R350256
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		**6**	mV	1	07/02/2024 11:34	R350256
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**6930**	µS/cm	1	07/02/2024 11:34	R350256
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**26.4**	°C	1	07/02/2024 11:34	R350256
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**0.59**	mg/L	1	07/02/2024 11:34	R350256
SW-846 9040B FIELD									
pH	*	0	1.00		**6.45**		1	07/02/2024 11:34	R350256
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**538**	mg/L	1	07/03/2024 10:50	R349737
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	07/03/2024 10:50	R349737
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	40	50		**3920**	mg/L	2.5	07/03/2024 11:32	R349790
SW-846 9036 (TOTAL)									
Sulfate	NELAP	307	500		**2170**	mg/L	50	07/03/2024 18:36	R349714
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**0.26**	mg/L	1	07/03/2024 10:19	R349705
SW-846 9251 (TOTAL)									
Chloride	NELAP	5	40		**119**	mg/L	10	07/03/2024 18:31	R349718
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.035	0.100		**540**	mg/L	1	07/05/2024 14:50	225284
Magnesium	NELAP	0.006	0.050		**276**	mg/L	1	07/05/2024 14:50	225284
Potassium	NELAP	0.040	0.100		**5.56**	mg/L	1	07/05/2024 14:50	225284
Sodium	NELAP	0.018	0.050		**164**	mg/L	1	07/05/2024 14:50	225284
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Boron	NELAP	9.2	25.0		**250**	µg/L	5	07/05/2024 23:11	225284

Laboratory Results

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

Client: Ramboll
Work Order: 24061026
Client Project: NEW-24Q3
Report Date: 06-Sep-24
Lab ID: 24061026-079
Client Sample ID: Field Blank
Matrix: AQUEOUS
Collection Date: 07/11/2024 10:05

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		**5**	mg/L	1	07/12/2024 11:59	R350130
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	07/12/2024 11:59	R350130
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		**< 20**	mg/L	1	07/12/2024 9:59	R350208
SW-846 9036 (TOTAL)									
Sulfate	NELAP	6	10		**< 10**	mg/L	1	07/12/2024 22:05	R350166
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**< 0.10**	mg/L	1	07/12/2024 10:45	R350044
SW-846 9251 (TOTAL)									
Chloride	NELAP	1	4		**< 4**	mg/L	1	07/12/2024 22:04	R350172
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.035	0.10	J	**0.037**	mg/L	1	07/16/2024 14:36	225659
Magnesium	NELAP	0.006	0.050		**< 0.050**	mg/L	1	07/16/2024 14:36	225659
Potassium	NELAP	0.040	0.100		**< 0.100**	mg/L	1	07/16/2024 14:36	225659
Sodium	NELAP	0.018	0.050		**0.165**	mg/L	1	07/16/2024 14:36	225659
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Boron	NELAP	9.2	25.0		**< 25.0**	µg/L	5	07/15/2024 21:46	225659

Laboratory Results

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

Client: Ramboll
Work Order: 24061026
Client Project: NEW-24Q3
Report Date: 06-Sep-24
Lab ID: 24061026-083
Client Sample ID: Equipment Blank 1
Matrix: AQUEOUS
Collection Date: 07/11/2024 10:15

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**2**	mg/L	1	07/12/2024 12:24	R350130
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	07/12/2024 12:24	R350130
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		**< 20**	mg/L	1	07/12/2024 9:59	R350208
SW-846 9036 (TOTAL)									
Sulfate	NELAP	6	10		**< 10**	mg/L	1	07/12/2024 22:07	R350166
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**< 0.10**	mg/L	1	07/12/2024 10:43	R350044
SW-846 9251 (TOTAL)									
Chloride	NELAP	1	4		**< 4**	mg/L	1	07/12/2024 22:07	R350172
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.035	0.10	J	**0.076**	mg/L	1	07/16/2024 14:37	225659
Magnesium	NELAP	0.006	0.050	J	**0.028**	mg/L	1	07/16/2024 14:37	225659
Potassium	NELAP	0.040	0.100		**< 0.100**	mg/L	1	07/16/2024 14:37	225659
Sodium	NELAP	0.018	0.050		**0.151**	mg/L	1	07/16/2024 14:37	225659
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Boron	NELAP	9.2	25.0		**< 25.0**	µg/L	5	07/15/2024 21:52	225659

Laboratory Results

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

Client: Ramboll **Work Order:** 24061026

Client Project: NEW-24Q3 **Report Date:** 06-Sep-24

Lab ID: 24061026-100 **Client Sample ID:** G222

Matrix: GROUNDWATER **Collection Date:** 08/07/2024 11:18

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**16.30**	ft	1	08/07/2024 11:18	R350256
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**12**	NTU	1	08/07/2024 11:18	R350256
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		**-147**	mV	1	08/07/2024 11:18	R350256
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**1750**	µS/cm	1	08/07/2024 11:18	R350256
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**16.3**	°C	1	08/07/2024 11:18	R350256
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**0.82**	mg/L	1	08/07/2024 11:18	R350256
SW-846 9040B FIELD									
pH	*	0	1.00		**7.33**		1	08/07/2024 11:18	R350256
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**806**	mg/L	1	08/09/2024 11:26	R351503
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	08/09/2024 11:26	R351503
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20	H	**1090**	mg/L	1	08/15/2024 13:37	R351887
Sample analysis did not meet hold time requirements.									
SW-846 9036 (TOTAL)									
Sulfate	NELAP	31	50		**133**	mg/L	5	08/15/2024 17:30	R351845
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**1.10**	mg/L	1	08/14/2024 13:23	R351680
SW-846 9251 (TOTAL)									
Chloride	NELAP	2	20		**76**	mg/L	5	08/15/2024 17:29	R351860
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.035	0.100		**130**	mg/L	1	08/12/2024 17:18	226925
Magnesium	NELAP	0.006	0.050		**58.4**	mg/L	1	08/12/2024 17:18	226925
Potassium	NELAP	0.040	0.100		**3.15**	mg/L	1	08/12/2024 17:18	226925
Sodium	NELAP	0.018	0.050		**223**	mg/L	1	08/12/2024 17:18	226925
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Boron	NELAP	9.2	25.0		**204**	µg/L	5	08/12/2024 16:50	226925

Laboratory Results

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

Client: Ramboll **Work Order:** 24061026

Client Project: NEW-24Q3 **Report Date:** 06-Sep-24

Lab ID: 24061026-101 **Client Sample ID:** G224

Matrix: GROUNDWATER **Collection Date:** 08/07/2024 10:51

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**42.55**	ft	1	08/07/2024 10:51	R350256
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**240**	NTU	1	08/07/2024 10:51	R350256
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		**-138**	mV	1	08/07/2024 10:51	R350256
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**1180**	µS/cm	1	08/07/2024 10:51	R350256
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**16.9**	°C	1	08/07/2024 10:51	R350256
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**0.86**	mg/L	1	08/07/2024 10:51	R350256
SW-846 9040B FIELD									
pH	*	0	1.00		**7.38**		1	08/07/2024 10:51	R350256
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**497**	mg/L	1	08/09/2024 10:18	R351503
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	08/09/2024 10:18	R351503
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20	H	**720**	mg/L	1	08/15/2024 13:38	R351887
Sample analysis did not meet hold time requirements.									
SW-846 9036 (TOTAL)									
Sulfate	NELAP	31	50		**160**	mg/L	5	08/15/2024 17:37	R351845
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**0.46**	mg/L	1	08/14/2024 13:30	R351680
SW-846 9251 (TOTAL)									
Chloride	NELAP	2	20		**55**	mg/L	5	08/15/2024 17:37	R351860
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.035	0.100		**131**	mg/L	1	08/12/2024 16:28	226933
Magnesium	NELAP	0.006	0.050		**50.3**	mg/L	1	08/12/2024 16:28	226933
Potassium	NELAP	0.040	0.100		**1.87**	mg/L	1	08/12/2024 16:28	226933
Sodium	NELAP	0.018	0.050		**79.4**	mg/L	1	08/12/2024 16:28	226933
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Boron	NELAP	9.2	25.0		**79.7**	µg/L	5	08/14/2024 13:05	226933

Laboratory Results

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

Client: Ramboll
Work Order: 24061026
Client Project: NEW-24Q3
Report Date: 06-Sep-24
Lab ID: 24061026-102
Client Sample ID: Field Blank 2
Matrix: AQUEOUS
Collection Date: 08/08/2024 11:05

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**2**	mg/L	1	08/09/2024 10:47	R351503
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	08/09/2024 10:47	R351503
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20	H	**< 20**	mg/L	1	08/15/2024 11:13	R351887
Sample analysis did not meet hold time requirements.									
SW-846 9036 (TOTAL)									
Sulfate	NELAP	6	10		**< 10**	mg/L	1	08/15/2024 17:44	R351845
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**< 0.10**	mg/L	1	08/14/2024 13:32	R351680
SW-846 9251 (TOTAL)									
Chloride	NELAP	1	4		**< 4**	mg/L	1	08/15/2024 17:43	R351860
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.035	0.100		**0.163**	mg/L	1	08/12/2024 16:28	226933
Magnesium	NELAP	0.006	0.050	J	**0.018**	mg/L	1	08/12/2024 16:28	226933
Potassium	NELAP	0.040	0.100		**< 0.100**	mg/L	1	08/12/2024 16:28	226933
Sodium	NELAP	0.018	0.050		**0.057**	mg/L	1	08/12/2024 16:28	226933
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Boron	NELAP	9.2	25.0		**< 25.0**	µg/L	5	08/14/2024 13:11	226933

Laboratory Results

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

Client: Ramboll
Work Order: 24061026
Client Project: NEW-24Q3
Report Date: 06-Sep-24
Lab ID: 24061026-105
Client Sample ID: Equipment Blank 2
Matrix: AQUEOUS
Collection Date: 08/08/2024 11:13

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**2**	mg/L	1	08/09/2024 10:38	R351503
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	08/09/2024 10:38	R351503
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20	H	**< 20**	mg/L	1	08/15/2024 11:13	R351887
Sample analysis did not meet hold time requirements.									
SW-846 9036 (TOTAL)									
Sulfate	NELAP	6	10		**< 10**	mg/L	1	08/15/2024 18:06	R351845
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**< 0.10**	mg/L	1	08/14/2024 13:42	R351680
SW-846 9251 (TOTAL)									
Chloride	NELAP	1	4		**< 4**	mg/L	1	08/15/2024 18:04	R351860
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.035	0.100		**4.42**	mg/L	1	08/12/2024 16:34	226933
Magnesium	NELAP	0.006	0.050		**0.393**	mg/L	1	08/12/2024 16:34	226933
Potassium	NELAP	0.040	0.100		**1.13**	mg/L	1	08/12/2024 16:34	226933
Sodium	NELAP	0.018	0.050		**1.37**	mg/L	1	08/12/2024 16:34	226933
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Boron	NELAP	9.2	25.0		**< 25.0**	µg/L	5	08/14/2024 13:28	226933

Laboratory Results

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

Client: Ramboll
Work Order: 24061026
Client Project: NEW-24Q3
Report Date: 06-Sep-24
Lab ID: 24061026-106
Client Sample ID: Equipment Blank 3
Matrix: AQUEOUS
Collection Date: 08/07/2024 13:45

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	08/09/2024 10:58	R351503
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	08/09/2024 10:58	R351503
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20	JH	**16**	mg/L	1	08/15/2024 13:39	R351887
Sample analysis did not meet hold time requirements.									
SW-846 9036 (TOTAL)									
Sulfate	NELAP	6	10		**< 10**	mg/L	1	08/15/2024 18:08	R351845
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**< 0.10**	mg/L	1	08/14/2024 13:44	R351680
SW-846 9251 (TOTAL)									
Chloride	NELAP	1	4		**< 4**	mg/L	1	08/15/2024 18:07	R351860
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.035	0.100		**0.467**	mg/L	1	08/12/2024 16:35	226933
Magnesium	NELAP	0.006	0.050		**0.050**	mg/L	1	08/12/2024 16:35	226933
Potassium	NELAP	0.040	0.100		**0.600**	mg/L	1	08/12/2024 16:35	226933
Sodium	NELAP	0.018	0.050		**0.152**	mg/L	1	08/12/2024 16:35	226933
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Boron	NELAP	9.2	25.0		**< 25.0**	µg/L	5	08/14/2024 13:33	226933

Sample Summary

Client: Ramboll
Client Project: NEW-24Q3

Work Order: 24061026
Report Date: 06-Sep-24

Lab Sample ID	Client Sample ID	Matrix	Fractions	Collection Date
24061026-022	G06D	Groundwater	2	07/10/2024 10:04
24061026-046	G201	Groundwater	2	07/10/2024 11:55
24061026-047	G202	Groundwater	2	07/09/2024 12:56
24061026-048	G203	Groundwater	2	07/09/2024 13:31
24061026-049	G208	Groundwater	2	
24061026-052	G220	Groundwater	2	07/10/2024 10:59
24061026-055	G223	Groundwater	2	07/10/2024 11:58
24061026-058	G230	Groundwater	6	07/02/2024 13:41
24061026-059	G231	Groundwater	6	07/10/2024 11:19
24061026-060	G232	Groundwater	6	07/09/2024 11:27
24061026-061	G233	Groundwater	6	07/09/2024 9:41
24061026-063	G48MG	Groundwater	2	07/11/2024 8:52
24061026-064	L1R	Leachate	2	07/11/2024 10:20
24061026-070	L301	Leachate	2	07/11/2024 10:02
24061026-071	R217D	Groundwater	6	07/02/2024 11:34
24061026-079	Field Blank	Aqueous	6	07/11/2024 10:05
24061026-083	Equipment Blank 1	Aqueous	6	07/11/2024 10:15
24061026-100	G222	Groundwater	2	08/07/2024 11:18
24061026-101	G224	Groundwater	2	08/07/2024 10:51
24061026-102	Field Blank 2	Aqueous	4	08/08/2024 11:05
24061026-105	Equipment Blank 2	Aqueous	4	08/08/2024 11:13
24061026-106	Equipment Blank 3	Aqueous	4	08/07/2024 13:45

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24061026

Client Project: NEW-24Q3 **Report Date:** 06-Sep-24

STANDARD METHODS 2510 B FIELD

Batch R350256 **SampType:** LCS Units **µS/cm**
SampID: LCS-1B

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Spec. Conductance, Field	*	0		**1420**	1412	0	100.2	90	110	07/02/2024

Batch R350256 **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		**1390**	1412	0	98.5	90	110	08/07/2024

Batch R350256 **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	100.1	90	110	07/02/2024

Batch R350256 **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	08/07/2024

Batch R350256 **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	100.1	90	110	07/02/2024

Batch R350256 **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	100.4	90	110	07/08/2024

Batch R350256 **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	100.1	90	110	07/08/2024

Batch R350256 **SampType:** LCS Units **µS/cm**
SampID: LCS-2-JC

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Spec. Conductance, Field	*	0		**1410**	1412	0	100.0	90	110	08/08/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24061026

Client Project: NEW-24Q3 **Report Date:** 06-Sep-24

STANDARD METHODS 2510 B FIELD

Batch R350256 **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	99.9	90	110	07/08/2024

Batch R350256 **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	07/09/2024

Batch R350256 **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		**1420**	1412	0	100.3	90	110	07/09/2024

Batch R350256 **SampType:** LCS Units **µS/cm**
SampID: LCS-3T

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	07/09/2024

Batch R350256 **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		**1410**	1412	0	100.0	90	110	07/10/2024

Batch R350256 **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		**1410**	1412	0	99.9	90	110	07/10/2024

Batch R350256 **SampType:** LCS Units **µS/cm**
SampID: LCS-4T

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	07/10/2024

Batch R350256 **SampType:** LCS Units **µS/cm**
SampID: LCS-5B

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	07/11/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24061026

Client Project: NEW-24Q3 **Report Date:** 06-Sep-24

STANDARD METHODS 2510 B FIELD

Batch R350256 **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	99.8	90	110	07/11/2024

Batch R350256 **SampType:** LCS Units **µS/cm**
SampID: LCS-5T

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	07/11/2024

SW-846 9040B FIELD

Batch R350256 **SampType:** LCS Units
SampID: LCS-1B

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	07/02/2024

Batch R350256 **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	08/07/2024

Batch R350256 **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		**7.01**	7.000	0	100.1	98.57	101.4	07/02/2024

Batch R350256 **SampType:** LCS Units
SampID: LCS-1-JC

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
pH	*	1.00		**7.00**	7.000	0	100.0	98.57	101.4	08/07/2024

Batch R350256 **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		**7.07**	7.000	0	101.0	98.57	101.4	07/02/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24061026

Client Project: NEW-24Q3 **Report Date:** 06-Sep-24

SW-846 9040B FIELD

Batch R350256 **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	07/08/2024

Batch R350256 **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		**6.99**	7.000	0	99.9	98.57	101.4	07/08/2024

Batch R350256 **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		**7.00**	7.000	0	100.0	98.57	101.4	08/08/2024

Batch R350256 **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		**7.09**	7.000	0	101.3	98.57	101.4	07/08/2024

Batch R350256 **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		**7.01**	7.000	0	100.1	98.57	101.4	07/09/2024

Batch R350256 **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		**7.00**	7.000	0	100.0	98.57	101.4	07/09/2024

Batch R350256 **SampType:** LCS Units

SampID: LCS-3T

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	07/09/2024

Batch R350256 **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		**7.02**	7.000	0	100.3	98.57	101.4	07/10/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24061026

Client Project: NEW-24Q3 **Report Date:** 06-Sep-24

SW-846 9040B FIELD

Batch R350256 **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		**7.01**	7.000	0	100.1	98.57	101.4	07/10/2024

Batch R350256 **SampType:** LCS Units

SampID: LCS-4T

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	07/10/2024

Batch R350256 **SampType:** LCS Units

SampID: LCS-5B

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	07/11/2024

Batch R350256 **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		**7.00**	7.000	0	100.0	98.57	101.4	07/11/2024

Batch R350256 **SampType:** LCS Units

SampID: LCS-5T

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	07/11/2024

EPA 1664A

Batch R350298 **SampType:** MBLK Units **mg/L**

SampID: MBLK

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Hexane Extractable Material		5		**< 5**	4.400	0	0	-100	100	07/16/2024

Batch R350298 **SampType:** LCS Units **mg/L**

SampID: LCS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Hexane Extractable Material		5		**32**	40.00	0	79.0	78	114	07/16/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24061026

Client Project: NEW-24Q3 **Report Date:** 06-Sep-24

EPA 1664A

Batch R350298 **SampType:** MS Units **mg/L**
SampID: 24070896-001BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Hexane Extractable Material		6		**39**	47.02	0	82.2	78	114	07/16/2024

EPA 600 350.1 (DISSOLVED)

Batch R349887 **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, Ammonia (as N)		0.10		**< 0.10**	0.0270	0	0	-100	100	07/08/2024

Batch R349887 **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, Ammonia (as N)		0.10		**1.04**	1.000	0	103.5	90	110	07/08/2024

Batch R349887 **SampType:** MS Units **mg/L**
SampID: 24061026-071FMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Ammonia (as N)		0.10	E	**6.04**	2.000	4.197	92.0	90	110	07/08/2024

Batch R349887 **SampType:** MSD Units **mg/L** RPD Limit: **10**
SampID: 24061026-071FMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Ammonia (as N)		0.10	E	**6.05**	2.000	4.197	92.4	6.038	0.13	07/08/2024

Batch R349887 **SampType:** MS Units **mg/L**
SampID: 24070204-002BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Ammonia (as N)		1.00		**24.9**	20.00	6.288	93.3	90	110	07/08/2024

Batch R349887 **SampType:** MSD Units **mg/L** RPD Limit: **10**
SampID: 24070204-002BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Ammonia (as N)		1.00		**25.0**	20.00	6.288	93.3	24.95	0.03	07/08/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24061026

Client Project: NEW-24Q3 **Report Date:** 06-Sep-24

EPA 600 350.1 (DISSOLVED)

Batch R349887 **SampType:** MS Units **mg/L**
SampID: 24070310-007BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Ammonia (as N)		0.10	S	**1.84**	2.000	0.05100	89.3	90	110	07/08/2024

Batch R349887 **SampType:** MSD Units **mg/L** RPD Limit: **10**
SampID: 24070310-007BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Ammonia (as N)		0.10		**1.88**	2.000	0.05100	91.4	1.837	2.21	07/08/2024

Batch R349887 **SampType:** MS Units **mg/L**
SampID: 24070386-006EMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Ammonia (as N)		0.10		**2.80**	2.000	0.9070	94.6	90	110	07/08/2024

Batch R349887 **SampType:** MSD Units **mg/L** RPD Limit: **10**
SampID: 24070386-006EMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Ammonia (as N)		0.10		**2.80**	2.000	0.9070	94.4	2.799	0.14	07/08/2024

Batch R349887 **SampType:** MS Units **mg/L**
SampID: 24070395-002CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Ammonia (as N)		0.10		**1.86**	2.000	0.03500	91.3	90	110	07/08/2024

Batch R349887 **SampType:** MSD Units **mg/L** RPD Limit: **10**
SampID: 24070395-002CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Ammonia (as N)		0.10		**1.86**	2.000	0.03500	91.1	1.861	0.22	07/08/2024

Batch R349887 **SampType:** MS Units **mg/L**
SampID: 24070426-003HMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Ammonia (as N)		0.10		**2.06**	2.000	0.2240	91.9	90	110	07/08/2024

Batch R349887 **SampType:** MSD Units **mg/L** RPD Limit: **10**
SampID: 24070426-003HMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Ammonia (as N)		0.10		**2.06**	2.000	0.2240	91.7	2.062	0.19	07/08/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24061026

Client Project: NEW-24Q3 **Report Date:** 06-Sep-24

EPA 600 350.1 (DISSOLVED)

Batch R349887 **SampType:** MS Units **mg/L**
SampID: 24070449-002AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Ammonia (as N)		0.10	E	**5.16**	2.000	3.260	95.1	90	110	07/08/2024

Batch R349887 **SampType:** MSD Units **mg/L** RPD Limit: **10**
SampID: 24070449-002AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Ammonia (as N)		0.10	E	**5.10**	2.000	3.260	92.2	5.161	1.09	07/08/2024

Batch R349887 **SampType:** MS Units **mg/L**
SampID: 24070450-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Ammonia (as N)		0.10		**4.42**	2.000	2.543	94.0	90	110	07/08/2024

Batch R349887 **SampType:** MSD Units **mg/L** RPD Limit: **10**
SampID: 24070450-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Ammonia (as N)		0.10		**4.43**	2.000	2.543	94.4	4.424	0.18	07/08/2024

Batch R349978 **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, Ammonia (as N)		0.10		**< 0.10**	0.0270	0	0	-100	100	07/10/2024

Batch R349978 **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, Ammonia (as N)		0.10		**1.01**	1.000	0	101.4	90	110	07/10/2024

Batch R349978 **SampType:** MS Units **mg/L**
SampID: 24061026-082EMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Ammonia (as N)		0.10		**1.90**	2.000	0.06500	91.9	90	110	07/10/2024

Batch R349978 **SampType:** MSD Units **mg/L** RPD Limit: **10**
SampID: 24061026-082EMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Ammonia (as N)		0.10		**1.92**	2.000	0.06500	92.8	1.903	0.89	07/10/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24061026

Client Project: NEW-24Q3 **Report Date:** 06-Sep-24

EPA 600 350.1 (DISSOLVED)

Batch R349978 **SampType:** MS Units **mg/L**
SampID: 24070451-005AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Ammonia (as N)		0.10	S	**1.57**	2.000	0	78.7	90	110	07/10/2024

Batch R349978 **SampType:** MSD Units **mg/L** RPD Limit: **10**
SampID: 24070451-005AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Ammonia (as N)		0.10	S	**1.68**	2.000	0	84.0	1.574	6.57	07/10/2024

Batch R349978 **SampType:** MS Units **mg/L**
SampID: 24070539-002CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Ammonia (as N)		0.10		**2.32**	2.000	0.4720	92.5	90	110	07/10/2024

Batch R349978 **SampType:** MSD Units **mg/L** RPD Limit: **10**
SampID: 24070539-002CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Ammonia (as N)		0.10		**2.33**	2.000	0.4720	93.0	2.322	0.39	07/10/2024

Batch R349978 **SampType:** MS Units **mg/L**
SampID: 24070672-001BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Ammonia (as N)		0.10		**4.21**	2.000	2.371	91.8	90	110	07/10/2024

Batch R349978 **SampType:** MSD Units **mg/L** RPD Limit: **10**
SampID: 24070672-001BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Ammonia (as N)		0.10		**4.23**	2.000	2.371	93.0	4.207	0.55	07/10/2024

Batch R349978 **SampType:** MS Units **mg/L**
SampID: 24070677-001EMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Ammonia (as N)		0.10		**1.88**	2.000	0	94.0	90	110	07/10/2024

Batch R349978 **SampType:** MSD Units **mg/L** RPD Limit: **10**
SampID: 24070677-001EMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Ammonia (as N)		0.10		**1.88**	2.000	0	94.0	1.880	0.05	07/10/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24061026

Client Project: NEW-24Q3 **Report Date:** 06-Sep-24

EPA 600 350.1 (DISSOLVED)

Batch R350163 **SampType:** MS Units **mg/L**
SampID: 24070571-007EMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Ammonia (as N)		0.20	S	**3.88**	4.000	0.4710	85.2	90	110	07/12/2024

Batch R350163 **SampType:** MSD Units **mg/L** RPD Limit: **10**
SampID: 24070571-007EMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Ammonia (as N)		0.20		**4.09**	4.000	0.4710	90.5	3.878	5.32	07/12/2024

Batch R350163 **SampType:** MS Units **mg/L**
SampID: 24070879-002EMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Ammonia (as N)		0.10		**2.67**	2.000	0.8560	90.9	90	110	07/12/2024

Batch R350163 **SampType:** MSD Units **mg/L** RPD Limit: **10**
SampID: 24070879-002EMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Ammonia (as N)		0.10		**2.69**	2.000	0.8560	91.9	2.674	0.75	07/12/2024

Batch R350163 **SampType:** MS Units **mg/L**
SampID: 24070879-007EMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Ammonia (as N)		0.10		**2.48**	2.000	0.6180	93.0	90	110	07/12/2024

Batch R350163 **SampType:** MSD Units **mg/L** RPD Limit: **10**
SampID: 24070879-007EMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Ammonia (as N)		0.10		**2.46**	2.000	0.6180	92.2	2.477	0.65	07/12/2024

Batch R350880 **SampType:** MS Units **mg/L**
SampID: 24071459-002HMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Ammonia (as N)		1.00		**21.7**	20.00	2.659	95.0	90	110	07/29/2024

Batch R350880 **SampType:** MSD Units **mg/L** RPD Limit: **10**
SampID: 24071459-002HMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Ammonia (as N)		1.00		**21.7**	20.00	2.659	95.0	21.66	0.01	07/29/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24061026

Client Project: NEW-24Q3 **Report Date:** 06-Sep-24

STANDARD METHODS 2540 C (TOTAL) 1997, 2011

Batch R349790 **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	07/03/2024

Batch R349790 **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		**980**	1000	0	98.0	90	110	07/03/2024

Batch R349790 **SampType:** DUP Units **mg/L** RPD Limit: **10**
SampID: 24070113-001ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		50		**4760**				4655	2.34	07/03/2024

Batch R349980 **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	07/09/2024

Batch R349980 **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		**910**	1000	0	91.0	90	110	07/09/2024

Batch R349980 **SampType:** DUP Units **mg/L** RPD Limit: **10**
SampID: 24070559-001ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		50		**415**				385.0	7.50	07/09/2024

Batch R350125 **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	07/11/2024
Total Dissolved Solids		20		**< 20**	16.00	0	0	-100	100	07/11/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24061026

Client Project: NEW-24Q3 **Report Date:** 06-Sep-24

STANDARD METHODS 2540 C (TOTAL) 1997, 2011

Batch R350125 **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	07/11/2024
Total Dissolved Solids		20		**954**	1000	0	95.4	90	110	07/11/2024

Batch R350125 **SampType:** DUP Units **mg/L** RPD Limit: **10**
SampID: 24061026-017ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		20		**1040**				1072	2.65	07/11/2024

Batch R350125 **SampType:** DUP Units **mg/L** RPD Limit: **10**
SampID: 24061026-021ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		20		**618**				626.0	1.29	07/11/2024

Batch R350208 **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	07/12/2024
Total Dissolved Solids		20		**< 20**	16.00	0	0	-100	100	07/12/2024

Batch R350208 **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		**990**	1000	0	99.0	90	110	07/12/2024
Total Dissolved Solids		20		**1010**	1000	0	100.6	90	110	07/12/2024

Batch R350208 **SampType:** DUP Units **mg/L** RPD Limit: **10**
SampID: 24061026-057ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		20		**834**				890.0	6.50	07/12/2024

Batch R350208 **SampType:** DUP Units **mg/L** RPD Limit: **10**
SampID: 24061026-074ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		50		**4700**				4800	2.21	07/12/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24061026

Client Project: NEW-24Q3 **Report Date:** 06-Sep-24

STANDARD METHODS 2540 C (TOTAL) 1997, 2011

Batch R350261 **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	07/15/2024
Total Dissolved Solids		20		**< 20**	16.00	0	0	-100	100	07/15/2024

Batch R350261 **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		**954**	1000	0	95.4	90	110	07/15/2024
Total Dissolved Solids		20		**940**	1000	0	94.0	90	110	07/15/2024

Batch R350261 **SampType:** DUP Units **mg/L** RPD Limit: **10**
SampID: 24061026-040ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		1000		**13300**				13300	0.00	07/15/2024

Batch R350261 **SampType:** DUP Units **mg/L** RPD Limit: **10**
SampID: 24071020-008BDUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		20		**436**				450.0	3.16	07/15/2024

Batch R350404 **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	07/17/2024

Batch R350404 **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	07/17/2024

Batch R350404 **SampType:** DUP Units **mg/L** RPD Limit: **10**
SampID: 24070962-001ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		50		**690**				635.0	8.30	07/17/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24061026

Client Project: NEW-24Q3 **Report Date:** 06-Sep-24

STANDARD METHODS 2540 C (TOTAL) 1997, 2011

Batch R350404 **SampType:** DUP Units **mg/L** RPD Limit: **10**

SampID: 24071298-001ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		20		**446**				446.0	0.00	07/17/2024

Batch R351887 **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	08/15/2024
Total Dissolved Solids		20		**< 20**	16.00	0	0	-100	100	08/15/2024
Total Dissolved Solids		20		**< 20**	16.00	0	0	-100	100	08/15/2024

Batch R351887 **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	100.8	90	110	08/15/2024
Total Dissolved Solids		20		**994**	1000	0	99.4	90	110	08/15/2024
Total Dissolved Solids		20		**1000**	1000	0	100.0	90	110	08/15/2024

Batch R351887 **SampType:** DUP Units **mg/L** RPD Limit: **10**

SampID: 24071451-043ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		20	H	**820**				844.0	2.88	08/15/2024

Batch R351887 **SampType:** DUP Units **mg/L** RPD Limit: **10**

SampID: 24071451-059ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		20	H	**1850**				1826	1.31	08/15/2024

Batch R351887 **SampType:** DUP Units **mg/L** RPD Limit: **10**

SampID: 24080002-007ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		20		**474**				492.0	3.73	08/15/2024

Batch R351887 **SampType:** DUP Units **mg/L** RPD Limit: **10**

SampID: 24080862-001ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		200	H	**24200**				24660	1.97	08/15/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24061026

Client Project: NEW-24Q3 **Report Date:** 06-Sep-24

STANDARD METHODS 2540 C (TOTAL) 1997, 2011

Batch R351887 **SampType:** DUP Units **mg/L** RPD Limit: **10**

SampID: 24080863-001ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		20	H	**1160**				1136	2.09	08/15/2024

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

Batch R349749 **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	07/03/2024
Nitrogen, Nitrite (as N)		0.05		**< 0.05**	0.0250	0	0	-100	100	07/03/2024

Batch R349749 **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	102.5	90	110	07/03/2024
Nitrogen, Nitrite (as N)		0.05		**0.31**	0.3045	0	102.5	90	110	07/03/2024

Batch R349749 **SampType:** MS Units **mg/L**

SampID: 24061026-001BMS

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	96.0	85	115	07/03/2024

Batch R349749 **SampType:** MSD Units **mg/L** RPD Limit: **10**

SampID: 24061026-001BMSD

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	92.6	0.4800	3.61	07/03/2024

Batch R349749 **SampType:** MS Units **mg/L**

SampID: 24070325-001AMS

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	98.4	85	115	07/03/2024

Batch R349749 **SampType:** MSD Units **mg/L** RPD Limit: **10**

SampID: 24070325-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrite (as N)		0.05	H	**0.49**	0.5000	0	97.4	0.4920	1.02	07/03/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24061026

Client Project: NEW-24Q3 **Report Date:** 06-Sep-24

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

Batch R349749 **SampType:** MS Units **mg/L**
SampID: 24070330-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		0.50	E	**8.77**	5.000	3.890	97.6	85	115	07/03/2024

Batch R349749 **SampType:** MSD Units **mg/L** RPD Limit: **10**
SampID: 24070330-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrite (as N)		0.50	E	**8.74**	5.000	3.890	97.0	8.770	0.34	07/03/2024

Batch R349749 **SampType:** MS Units **mg/L**
SampID: 24070386-001BMS

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	07/03/2024

Batch R349749 **SampType:** MSD Units **mg/L** RPD Limit: **10**
SampID: 24070386-001BMSD

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	97.4	0.4890	0.41	07/03/2024

Batch R349749 **SampType:** MS Units **mg/L**
SampID: 24070386-011BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.48**	0.5000	0	95.8	85	115	07/03/2024

Batch R349749 **SampType:** MSD Units **mg/L** RPD Limit: **10**
SampID: 24070386-011BMSD

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	0.4790	2.47	07/03/2024

Batch R349910 **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	07/09/2024

Batch R349910 **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	101.8	90	110	07/09/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll
Work Order: 24061026
Client Project: NEW-24Q3
Report Date: 06-Sep-24

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

Batch R349910 **SampType:** MS Units **mg/L**
SampID: 24070571-003BMS

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	97.6	85	115	07/09/2024

Batch R349910 **SampType:** MSD Units **mg/L** RPD Limit: **10**
SampID: 24070571-003BMSD

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	97.4	0.4880	0.21	07/09/2024

Batch R349910 **SampType:** MS Units **mg/L**
SampID: 24070630-002AMS

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	0.04700	92.8	85	115	07/09/2024

Batch R349910 **SampType:** MSD Units **mg/L** RPD Limit: **10**
SampID: 24070630-002AMSD

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	0.04700	92.4	0.5110	0.39	07/09/2024

Batch R350048 **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	07/11/2024
Nitrogen, Nitrite (as N)		0.05		**< 0.05**	0.0250	0	0	-100	100	07/11/2024

Batch R350048 **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	07/11/2024
Nitrogen, Nitrite (as N)		0.05		**0.32**	0.3045	0	104.1	90	110	07/11/2024

Batch R350048 **SampType:** MS Units **mg/L**
SampID: 24061026-039BMS

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	98.6	85	115	07/11/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll
Work Order: 24061026
Client Project: NEW-24Q3
Report Date: 06-Sep-24

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

Batch R350048 **SampType:** MSD Units **mg/L** RPD Limit: **10**
SampID: 24061026-039BMSD

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	99.8	0.4930	1.21	07/11/2024

Batch R350048 **SampType:** MS Units **mg/L**
SampID: 24070774-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		0.05	S	**0.37**	0.5000	0.07300	59.6	85	115	07/11/2024

Batch R350048 **SampType:** MSD Units **mg/L** RPD Limit: **10**
SampID: 24070774-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrite (as N)		0.05	S	**0.37**	0.5000	0.07300	59.2	0.3710	0.54	07/11/2024

Batch R350048 **SampType:** MS Units **mg/L**
SampID: 24070874-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.57**	0.5000	0.09800	94.0	85	115	07/11/2024

Batch R350048 **SampType:** MSD Units **mg/L** RPD Limit: **10**
SampID: 24070874-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.57**	0.5000	0.09800	93.4	0.5680	0.53	07/11/2024

Batch R350072 **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	07/11/2024
Nitrogen, Nitrite (as N)		0.05		**< 0.05**	0.0250	0	0	-100	100	07/11/2024

Batch R350072 **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	101.5	90	110	07/11/2024
Nitrogen, Nitrite (as N)		0.05		**0.31**	0.3045	0	101.8	90	110	07/11/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24061026

Client Project: NEW-24Q3 **Report Date:** 06-Sep-24

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

Batch R350072 **SampType:** MS Units **mg/L**
SampID: 24061026-034BMS

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	95.2	85	115	07/11/2024

Batch R350072 **SampType:** MSD Units **mg/L** RPD Limit: **10**
SampID: 24061026-034BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.48**	0.5000	0	96.8	0.4760	1.67	07/11/2024

Batch R350072 **SampType:** MS Units **mg/L**
SampID: 24070879-007BMS

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	07/11/2024

Batch R350072 **SampType:** MSD Units **mg/L** RPD Limit: **10**
SampID: 24070879-007BMSD

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	0.4890	0.41	07/11/2024

Batch R350072 **SampType:** MS Units **mg/L**
SampID: 24070962-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.49**	0.5000	0	97.8	85	115	07/11/2024

Batch R350072 **SampType:** MSD Units **mg/L** RPD Limit: **10**
SampID: 24070962-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.48**	0.5000	0	96.8	0.4890	1.03	07/11/2024

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

Batch R349753 **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**						07/03/2024
Nitrogen, Nitrate-Nitrite (as N)		0.050		**< 0.050**	0.0090	0	0	-100	100	07/03/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24061026

Client Project: NEW-24Q3 **Report Date:** 06-Sep-24

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

Batch R349753 **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		**0.477**	0.5000	0	95.4	90	110	07/03/2024

Batch R349753 **SampType:** MS Units **mg/L**
SampID: 24061026-003BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		**0.247**	0.2500	0	98.8	85	115	07/03/2024

Batch R349753 **SampType:** MSD Units **mg/L** RPD Limit: **10**
SampID: 24061026-003BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		**0.245**	0.2500	0	98.0	0.2470	0.81	07/03/2024

Batch R349753 **SampType:** MS Units **mg/L**
SampID: 24070087-001CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.250		**4.28**	1.250	2.933	107.4	90	110	07/03/2024

Batch R349753 **SampType:** MSD Units **mg/L** RPD Limit: **10**
SampID: 24070087-001CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.250		**4.18**	1.250	2.933	99.9	4.276	2.22	07/03/2024

Batch R349753 **SampType:** MS Units **mg/L**
SampID: 24070113-001DMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.500		**2.37**	2.500	0.1090	90.3	90	110	07/03/2024

Batch R349753 **SampType:** MSD Units **mg/L** RPD Limit: **10**
SampID: 24070113-001DMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.500	S	**2.28**	2.500	0.1090	86.8	2.366	3.70	07/03/2024

Batch R349753 **SampType:** MS Units **mg/L**
SampID: 24070180-001DMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		1.00	E	**23.0**	5.000	17.58	107.5	90	110	07/03/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24061026

Client Project: NEW-24Q3 **Report Date:** 06-Sep-24

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

Batch R349753 **SampType:** MSD Units **mg/L** RPD Limit: **10**
SampID: 24070180-001DMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		1.00	E	**22.8**	5.000	17.58	104.4	22.96	0.68	07/03/2024

Batch R349753 **SampType:** MS Units **mg/L**
SampID: 24070223-003AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		1.00		**10.7**	5.000	5.779	99.4	90	110	07/03/2024

Batch R349753 **SampType:** MSD Units **mg/L** RPD Limit: **10**
SampID: 24070223-003AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		1.00		**10.8**	5.000	5.779	99.7	10.75	0.16	07/03/2024

Batch R349753 **SampType:** MS Units **mg/L**
SampID: 24070330-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		1.00		**19.0**	5.000	13.98	100.9	90	110	07/03/2024

Batch R349753 **SampType:** MSD Units **mg/L** RPD Limit: **10**
SampID: 24070330-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		1.00		**19.3**	5.000	13.98	106.3	19.03	1.39	07/03/2024

Batch R349753 **SampType:** MS Units **mg/L**
SampID: 24070395-004DMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		2.50		**26.4**	12.50	14.64	94.3	90	110	07/03/2024

Batch R349753 **SampType:** MSD Units **mg/L** RPD Limit: **10**
SampID: 24070395-004DMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		2.50		**27.0**	12.50	14.64	98.5	26.43	1.96	07/03/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll
Work Order: 24061026
Client Project: NEW-24Q3
Report Date: 06-Sep-24

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

Batch R349905 **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**						07/09/2024
Nitrogen, Nitrate-Nitrite (as N)		0.050		**< 0.050**	0.0090	0	0	-100	100	07/09/2024

Batch R349905 **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		**0.506**	0.5000	0	101.2	90	110	07/09/2024

Batch R349905 **SampType:** MS Units **mg/L**
SampID: 24070315-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.250		**3.46**	1.250	2.168	103.8	90	110	07/09/2024

Batch R349905 **SampType:** MSD Units **mg/L** RPD Limit: **10**
SampID: 24070315-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.250		**3.52**	1.250	2.168	108.2	3.465	1.60	07/09/2024

Batch R349905 **SampType:** MS Units **mg/L**
SampID: 24070495-002AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		2.50		**27.2**	12.50	15.03	97.6	90	110	07/09/2024

Batch R349905 **SampType:** MSD Units **mg/L** RPD Limit: **10**
SampID: 24070495-002AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		2.50		**27.1**	12.50	15.03	96.6	27.23	0.44	07/09/2024

Batch R349905 **SampType:** MS Units **mg/L**
SampID: 24070559-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		**0.214**	0.2500	0	85.6	85	115	07/09/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24061026

Client Project: NEW-24Q3 **Report Date:** 06-Sep-24

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

Batch R349905 **SampType:** MSD Units **mg/L** RPD Limit: **10**
SampID: 24070559-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		**0.217**	0.2500	0	86.8	0.2140	1.39	07/09/2024

Batch R350027 **SampType:** MS Units **mg/L**
SampID: 24070679-004AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		**0.258**	0.2500	0	103.2	85	115	07/10/2024

Batch R350027 **SampType:** MSD Units **mg/L** RPD Limit: **10**
SampID: 24070679-004AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		**0.259**	0.2500	0	103.6	0.2580	0.39	07/10/2024

Batch R350087 **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**						07/11/2024
Nitrogen, Nitrate-Nitrite (as N)		0.050		**< 0.050**	0.0090	0	0	-100	100	07/11/2024

Batch R350087 **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	07/11/2024

Batch R350087 **SampType:** MS Units **mg/L**
SampID: 24061026-042BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		**0.593**	0.2500	0.3150	111.2	85	115	07/11/2024

Batch R350087 **SampType:** MSD Units **mg/L** RPD Limit: **10**
SampID: 24061026-042BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		**0.582**	0.2500	0.3150	106.8	0.5930	1.87	07/11/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24061026

Client Project: NEW-24Q3 **Report Date:** 06-Sep-24

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

Batch R350087 **SampType:** MS Units **mg/L**
SampID: 24070596-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		1.00	E	**23.9**	5.000	19.12	96.3	90	110	07/11/2024

Batch R350087 **SampType:** MSD Units **mg/L** RPD Limit: **10**
SampID: 24070596-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		1.00	E	**23.8**	5.000	19.12	93.8	23.94	0.52	07/11/2024

Batch R350087 **SampType:** MS Units **mg/L**
SampID: 24070656-001CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		**0.502**	0.2500	0.2360	106.4	90	110	07/11/2024

Batch R350087 **SampType:** MSD Units **mg/L** RPD Limit: **10**
SampID: 24070656-001CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		**0.506**	0.2500	0.2360	108.0	0.5020	0.79	07/11/2024

Batch R350087 **SampType:** MS Units **mg/L**
SampID: 24070740-001CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.250		**3.83**	1.250	2.544	102.6	90	110	07/11/2024

Batch R350087 **SampType:** MSD Units **mg/L** RPD Limit: **10**
SampID: 24070740-001CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.250		**3.88**	1.250	2.544	107.3	3.826	1.53	07/11/2024

Batch R350087 **SampType:** MS Units **mg/L**
SampID: 24070813-005BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.500		**6.37**	2.500	3.877	99.5	90	110	07/11/2024

Batch R350087 **SampType:** MSD Units **mg/L** RPD Limit: **10**
SampID: 24070813-005BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.500		**6.50**	2.500	3.877	105.0	6.365	2.14	07/11/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24061026

Client Project: NEW-24Q3 **Report Date:** 06-Sep-24

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

Batch R350087 **SampType:** MS Units **mg/L**
SampID: 24070825-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		**0.248**	0.2500	0	99.2	85	115	07/11/2024

Batch R350087 **SampType:** MSD Units **mg/L** RPD Limit: **10**
SampID: 24070825-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		**0.255**	0.2500	0	102.0	0.2480	2.78	07/11/2024

Batch R350087 **SampType:** MS Units **mg/L**
SampID: 24070879-003BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		**0.392**	0.2500	0.1380	101.6	85	115	07/11/2024

Batch R350087 **SampType:** MSD Units **mg/L** RPD Limit: **10**
SampID: 24070879-003BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		**0.386**	0.2500	0.1380	99.2	0.3920	1.54	07/11/2024

Batch R350087 **SampType:** MS Units **mg/L**
SampID: 24070948-008AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.100	E	**2.01**	0.5000	1.508	100.4	85	115	07/11/2024

Batch R350087 **SampType:** MSD Units **mg/L** RPD Limit: **10**
SampID: 24070948-008AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.100	E	**2.02**	0.5000	1.508	103.2	2.010	0.69	07/11/2024

Batch R350189 **SampType:** MS Units **mg/L**
SampID: 24070948-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		2.50	H	**33.7**	12.50	20.64	104.3	85	115	07/12/2024

Batch R350189 **SampType:** MSD Units **mg/L** RPD Limit: **10**
SampID: 24070948-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		2.50	H	**33.7**	12.50	20.64	104.2	33.68	0.03	07/12/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24061026

Client Project: NEW-24Q3 **Report Date:** 06-Sep-24

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

Batch R350189 **SampType:** MS Units **mg/L**
SampID: 24070962-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		**0.247**	0.2500	0	98.8	85	115	07/12/2024

Batch R350189 **SampType:** MSD Units **mg/L** RPD Limit: **10**
SampID: 24070962-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		**0.250**	0.2500	0	100.0	0.2470	1.21	07/12/2024

Batch R350189 **SampType:** MS Units **mg/L**
SampID: 24071020-008BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		**0.245**	0.2500	0	98.0	85	115	07/12/2024

Batch R350189 **SampType:** MSD Units **mg/L** RPD Limit: **10**
SampID: 24071020-008BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		**0.249**	0.2500	0	99.6	0.2450	1.62	07/12/2024

Batch R350189 **SampType:** MS Units **mg/L**
SampID: 24071023-003BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		1.00		**16.0**	5.000	11.20	95.3	85	115	07/12/2024

Batch R350189 **SampType:** MSD Units **mg/L** RPD Limit: **10**
SampID: 24071023-003BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		1.00		**16.2**	5.000	11.20	99.9	15.97	1.41	07/12/2024

Batch R350951 **SampType:** MBLK Units **mg/L**
SampID: ICB/MBLK

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		**< 0.050**	0.0090	0	0	-100	100	07/30/2024

Batch R350951 **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		**0.463**	0.5000	0	92.6	90	110	07/30/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24061026

Client Project: NEW-24Q3 **Report Date:** 06-Sep-24

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

Batch R350951 **SampType:** MS Units **mg/L**
SampID: 24072288-002CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.500		**8.24**	2.500	5.842	96.0	90	110	07/30/2024

Batch R350951 **SampType:** MSD Units **mg/L** RPD Limit: **10**
SampID: 24072288-002CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.500		**8.12**	2.500	5.842	91.0	8.242	1.53	07/30/2024

Batch R350951 **SampType:** MS Units **mg/L**
SampID: 24072332-002AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		5.00		**38.6**	25.00	15.65	91.8	90	110	07/30/2024

Batch R350951 **SampType:** MSD Units **mg/L** RPD Limit: **10**
SampID: 24072332-002AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		5.00		**40.2**	25.00	15.65	98.1	38.61	4.01	07/30/2024

Batch R350951 **SampType:** MS Units **mg/L**
SampID: 24072335-002BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050	H	**0.237**	0.2500	0	94.8	85	115	07/30/2024

Batch R350951 **SampType:** MSD Units **mg/L** RPD Limit: **10**
SampID: 24072335-002BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050	H	**0.239**	0.2500	0	95.6	0.2370	0.84	07/30/2024

Batch R350951 **SampType:** MS Units **mg/L**
SampID: 24072364-002CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050	S	**0.566**	0.2500	0.3740	76.8	90	110	07/30/2024

Batch R350951 **SampType:** MSD Units **mg/L** RPD Limit: **10**
SampID: 24072364-002CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050	S	**0.581**	0.2500	0.3740	82.8	0.5660	2.62	07/30/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24061026

Client Project: NEW-24Q3 **Report Date:** 06-Sep-24

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

Batch R350951 **SampType:** MS Units **mg/L**
SampID: 24072367-003BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.500		**4.31**	2.500	2.018	91.8	85	115	07/30/2024

Batch R350951 **SampType:** MSD Units **mg/L** RPD Limit: **10**
SampID: 24072367-003BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.500		**4.34**	2.500	2.018	92.7	4.313	0.53	07/30/2024

SW-846 9012A (TOTAL)

Batch 225296 **SampType:** MBLK Units **mg/L**
SampID: MBLK 240703 TCN1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Cyanide		0.005		**< 0.005**	0.0015	0	0	-100	100	07/08/2024

Batch 225296 **SampType:** LCS Units **mg/L**
SampID: LCS 240703 TCN1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Cyanide		0.005		**0.025**	0.0250	0	98.4	90	110	07/08/2024

Batch 225296 **SampType:** MS Units **mg/L**
SampID: 24061026-003DMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Cyanide		0.005		**0.025**	0.0250	0	99.4	75	125	07/08/2024

Batch 225296 **SampType:** MSD Units **mg/L** RPD Limit: **15**
SampID: 24061026-003DMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Cyanide		0.005		**0.025**	0.0250	0	100.3	0.02484	0.90	07/08/2024

Batch 225465 **SampType:** MBLK Units **mg/L**
SampID: MBLK 240709 TCN1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Cyanide		0.005		**< 0.005**	0.0015	0	0	-100	100	07/10/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24061026

Client Project: NEW-24Q3 **Report Date:** 06-Sep-24

SW-846 9012A (TOTAL)

Batch 225465 **SampType:** LCS Units **mg/L**
SampID: LCS 240709 TCN1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Cyanide		0.005		**0.025**	0.0250	0	98.9	90	110	07/10/2024

Batch 225465 **SampType:** MS Units **mg/L**
SampID: 24070571-001DMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Cyanide		0.005		**0.025**	0.0250	0	102.0	75	125	07/10/2024

Batch 225465 **SampType:** MSD Units **mg/L** RPD Limit: **15**
SampID: 24070571-001DMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Cyanide		0.005		**0.025**	0.0250	0	101.7	0.02550	0.31	07/10/2024

Batch 225535 **SampType:** MBLK Units **mg/L**
SampID: MBLK 240710 TCN1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Cyanide		0.005		**< 0.005**	0.0015	0	0	-100	100	07/11/2024

Batch 225535 **SampType:** LCS Units **mg/L**
SampID: LCS 240710 TCN1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Cyanide		0.005		**0.023**	0.0250	0	90.9	90	110	07/11/2024

Batch 225535 **SampType:** MS Units **mg/L**
SampID: 24070628-001EMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Cyanide		0.005		**0.026**	0.0250	0	105.1	90	110	07/11/2024

Batch 225535 **SampType:** MSD Units **mg/L** RPD Limit: **15**
SampID: 24070628-001EMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Cyanide		0.005		**0.025**	0.0250	0	101.7	0.02626	3.27	07/11/2024

Batch 225535 **SampType:** MS Units **mg/L**
SampID: 24070679-001CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Cyanide		0.005		**0.024**	0.0250	0	97.9	75	125	07/11/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24061026

Client Project: NEW-24Q3 **Report Date:** 06-Sep-24

SW-846 9012A (TOTAL)

Batch 225535 **SampType:** MSD Units **mg/L** RPD Limit: **15**
SampID: 24070679-001CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Cyanide		0.005		**0.025**	0.0250	0	98.5	0.02446	0.69	07/11/2024

Batch 225601 **SampType:** MBLK Units **mg/L**
SampID: MBLK 240711 TCN1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Cyanide		0.005		**< 0.005**	0.0015	0	0	-100	100	07/12/2024

Batch 225601 **SampType:** LCS Units **mg/L**
SampID: LCS 240711 TCN1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Cyanide		0.005		**0.023**	0.0250	0	90.1	90	110	07/12/2024

Batch 225601 **SampType:** MS Units **mg/L**
SampID: 24070898-001CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Cyanide		0.025	S	**0.123**	0.1250	0.01565	85.6	90	110	07/12/2024

Batch 225601 **SampType:** MSD Units **mg/L** RPD Limit: **15**
SampID: 24070898-001CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Cyanide		0.025	S	**0.125**	0.1250	0.01565	87.7	0.1227	2.12	07/12/2024

Batch 225602 **SampType:** MBLK Units **mg/L**
SampID: MBLK 240711 TCN2

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Cyanide		0.005		**< 0.005**	0.0015	0	0	-100	100	07/12/2024

Batch 225602 **SampType:** LCS Units **mg/L**
SampID: LCS 240711 TCN2

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Cyanide		0.005		**0.024**	0.0250	0	94.4	90	110	07/15/2024

Batch 225664 **SampType:** MBLK Units **mg/L**
SampID: MBLK 240712 TCN1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Cyanide		0.005		**< 0.005**	0.0015	0	0	-100	100	07/15/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24061026

Client Project: NEW-24Q3 **Report Date:** 06-Sep-24

SW-846 9012A (TOTAL)

Batch 225664 **SampType:** LCS Units **mg/L**
SampID: LCS 240712 TCN1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Cyanide		0.005		**0.025**	0.0250	0	99.5	90	110	07/15/2024

Batch 225664 **SampType:** MS Units **mg/L**
SampID: 24070767-002CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Cyanide		0.005		**0.026**	0.0250	0.003085	93.3	90	110	07/15/2024

Batch 225664 **SampType:** MSD Units **mg/L** RPD Limit: **15**
SampID: 24070767-002CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Cyanide		0.005		**0.027**	0.0250	0.003085	96.6	0.02641	3.06	07/15/2024

Batch 225735 **SampType:** MBLK Units **mg/L**
SampID: MBLK 240715 TCN2

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Cyanide		0.005	S	**0.016**	0.0015	0	1120	-100	100	07/16/2024

Batch 225735 **SampType:** MS Units **mg/L**
SampID: 24061026-059EMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Cyanide		0.005	B	**0.026**	0.0250	0	104.6	75	125	07/16/2024

SW-846 9036 (DISSOLVED)

Batch R349714 **SampType:** MS Units **mg/L**
SampID: 24061026-053BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		10	S	**30**	20.00	22.12	39.4	85	115	07/03/2024

Batch R349714 **SampType:** MSD Units **mg/L** RPD Limit: **10**
SampID: 24061026-053BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		10	S	**28**	20.00	22.12	27.0	30.01	8.62	07/03/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll
Work Order: 24061026
Client Project: NEW-24Q3
Report Date: 06-Sep-24

SW-846 9036 (DISSOLVED)

Batch R349714 **SampType:** MS Units **mg/L**
SampID: 24070182-002BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		50		**195**	100.0	91.66	103.1	85	115	07/03/2024

Batch R349714 **SampType:** MSD Units **mg/L** RPD Limit: **10**
SampID: 24070182-002BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		50		**196**	100.0	91.66	104.7	194.8	0.82	07/03/2024

Batch R349714 **SampType:** MS Units **mg/L**
SampID: 24070182-004BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		10	S	**24**	20.00	11.00	63.1	85	115	07/03/2024

Batch R349714 **SampType:** MSD Units **mg/L** RPD Limit: **10**
SampID: 24070182-004BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		10	S	**24**	20.00	11.00	66.8	23.62	3.08	07/03/2024

Batch R349876 **SampType:** MS Units **mg/L**
SampID: 24070386-007BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		10		**46**	20.00	26.33	97.2	85	115	07/08/2024

Batch R349876 **SampType:** MSD Units **mg/L** RPD Limit: **10**
SampID: 24070386-007BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		10		**46**	20.00	26.33	99.4	45.78	0.91	07/08/2024

Batch R349911 **SampType:** MS Units **mg/L**
SampID: 24061026-062BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		50		**212**	100.0	118.1	94.1	85	115	07/09/2024

Batch R349911 **SampType:** MSD Units **mg/L** RPD Limit: **10**
SampID: 24061026-062BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		50		**217**	100.0	118.1	98.5	212.2	2.06	07/09/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24061026

Client Project: NEW-24Q3 **Report Date:** 06-Sep-24

SW-846 9036 (DISSOLVED)

Batch R350166 **SampType:** MS Units **mg/L**
SampID: 24061026-034BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		10		**48**	20.00	29.76	90.6	85	115	07/12/2024

Batch R350166 **SampType:** MSD Units **mg/L** RPD Limit: **10**
SampID: 24061026-034BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		10		**48**	20.00	29.76	91.3	47.87	0.29	07/12/2024

Batch R350166 **SampType:** MS Units **mg/L**
SampID: 24070571-002BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		50		**161**	100.0	68.17	93.2	85	115	07/12/2024

Batch R350166 **SampType:** MSD Units **mg/L** RPD Limit: **10**
SampID: 24070571-002BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		50		**167**	100.0	68.17	99.1	161.3	3.63	07/12/2024

Batch R350265 **SampType:** MS Units **mg/L**
SampID: 24071020-004BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		10	S	**31**	20.00	14.35	83.8	85	115	07/16/2024

Batch R350265 **SampType:** MSD Units **mg/L** RPD Limit: **10**
SampID: 24071020-004BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		10		**32**	20.00	14.35	87.4	31.11	2.32	07/16/2024

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

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll
Work Order: 24061026
Client Project: NEW-24Q3
Report Date: 06-Sep-24

SW-846 9036 (DISSOLVED)

Batch R351845 **SampType:** MS Units **mg/L**
SampID: 24080823-001BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		100		**473**	200.0	298.6	87.3	85	115	08/15/2024

Batch R351845 **SampType:** MSD Units **mg/L** RPD Limit: **10**
SampID: 24080823-001BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		100		**486**	200.0	298.6	93.9	473.3	2.75	08/15/2024

Batch R351908 **SampType:** MS Units **mg/L**
SampID: 24080241-002BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		10	S	**22**	20.00	8.190	70.2	85	115	08/16/2024

Batch R351908 **SampType:** MSD Units **mg/L** RPD Limit: **10**
SampID: 24080241-002BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		10	S	**22**	20.00	8.190	69.8	22.22	0.36	08/16/2024

Batch R351908 **SampType:** MS Units **mg/L**
SampID: 24080241-005BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		50	E	**253**	100.0	163.1	90.3	85	115	08/16/2024

Batch R351908 **SampType:** MSD Units **mg/L** RPD Limit: **10**
SampID: 24080241-005BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		50	E	**257**	100.0	163.1	94.3	253.5	1.56	08/16/2024

Batch R351908 **SampType:** MS Units **mg/L**
SampID: 24080241-011BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		10		**30**	20.00	12.67	86.2	85	115	08/16/2024

Batch R351908 **SampType:** MSD Units **mg/L** RPD Limit: **10**
SampID: 24080241-011BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		10		**30**	20.00	12.67	88.0	29.90	1.26	08/16/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24061026

Client Project: NEW-24Q3 **Report Date:** 06-Sep-24

SW-846 9036 (DISSOLVED)

Batch R351908 **SampType:** MS Units **mg/L**
SampID: 24080857-005CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		500		**2070**	1000	1132	94.1	85	115	08/16/2024

Batch R351908 **SampType:** MSD Units **mg/L** RPD Limit: **10**
SampID: 24080857-005CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		500		**2110**	1000	1132	97.7	2074	1.73	08/16/2024

SW-846 9036 (TOTAL)

Batch R349714 **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	07/03/2024

Batch R349714 **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	95.5	90	110	07/03/2024

Batch R349714 **SampType:** MS Units **mg/L**
SampID: 24061026-007AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		10	S	**29**	20.00	15.87	65.8	85	115	07/03/2024

Batch R349714 **SampType:** MSD Units **mg/L** RPD Limit: **10**
SampID: 24061026-007AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		10	S	**29**	20.00	15.87	67.8	29.04	1.33	07/03/2024

Batch R349714 **SampType:** MS Units **mg/L**
SampID: 24070024-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		20		**84**	40.00	44.59	97.4	90	110	07/03/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24061026

Client Project: NEW-24Q3 **Report Date:** 06-Sep-24

SW-846 9036 (TOTAL)

Batch R349714 **SampType:** MSD Units **mg/L** RPD Limit: **10**
SampID: 24070024-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		20		**83**	40.00	44.59	95.1	83.53	1.11	07/03/2024

Batch R349876 **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	07/08/2024

Batch R349876 **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	101.8	90	110	07/08/2024

Batch R349876 **SampType:** MS Units **mg/L**
SampID: 24070428-001CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		10		**31**	20.00	12.75	91.8	90	110	07/08/2024

Batch R349876 **SampType:** MSD Units **mg/L** RPD Limit: **10**
SampID: 24070428-001CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		10		**31**	20.00	12.75	90.8	31.12	0.64	07/08/2024

Batch R349876 **SampType:** MS Units **mg/L**
SampID: 24070460-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		50		**214**	100.0	118.6	95.8	85	115	07/08/2024

Batch R349876 **SampType:** MSD Units **mg/L** RPD Limit: **10**
SampID: 24070460-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		50		**217**	100.0	118.6	98.0	214.4	1.03	07/08/2024

Batch R349911 **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	07/09/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll
Work Order: 24061026
Client Project: NEW-24Q3
Report Date: 06-Sep-24

SW-846 9036 (TOTAL)

Batch R349911 **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	07/09/2024

Batch R349911 **SampType:** MS Units **mg/L**
SampID: 24070426-001BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		50		**149**	100.0	51.62	97.6	90	110	07/09/2024

Batch R349911 **SampType:** MSD Units **mg/L** RPD Limit: **10**
SampID: 24070426-001BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		50		**154**	100.0	51.62	102.1	149.2	2.99	07/09/2024

Batch R349911 **SampType:** MS Units **mg/L**
SampID: 24070559-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		20		**85**	40.00	46.75	95.1	85	115	07/09/2024

Batch R349911 **SampType:** MSD Units **mg/L** RPD Limit: **10**
SampID: 24070559-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		20		**85**	40.00	46.75	94.6	84.80	0.24	07/09/2024

Batch R350008 **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	07/10/2024

Batch R350008 **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	99.3	90	110	07/10/2024

Batch R350008 **SampType:** MS Units **mg/L**
SampID: 24061026-054AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		50		**215**	100.0	119.9	95.0	85	115	07/10/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24061026

Client Project: NEW-24Q3 **Report Date:** 06-Sep-24

SW-846 9036 (TOTAL)

Batch R350008 **SampType:** MSD Units **mg/L** RPD Limit: **10**
SampID: 24061026-054AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		50		**215**	100.0	119.9	95.2	214.8	0.12	07/10/2024

Batch R350008 **SampType:** MS Units **mg/L**
SampID: 24070704-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		2000	S	**9900**	4000	6733	79.2	90	110	07/10/2024

Batch R350008 **SampType:** MSD Units **mg/L** RPD Limit: **10**
SampID: 24070704-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		2000	S	**9880**	4000	6733	78.6	9900	0.25	07/10/2024

Batch R350166 **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	07/12/2024

Batch R350166 **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	98.4	90	110	07/12/2024

Batch R350166 **SampType:** MS Units **mg/L**
SampID: 24061026-011AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		20		**97**	40.00	58.52	96.6	85	115	07/12/2024

Batch R350166 **SampType:** MSD Units **mg/L** RPD Limit: **10**
SampID: 24061026-011AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		20		**97**	40.00	58.52	95.5	97.15	0.43	07/12/2024

Batch R350166 **SampType:** MS Units **mg/L**
SampID: 24061026-022AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		20	S	**41**	40.00	14.66	66.3	85	115	07/12/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24061026

Client Project: NEW-24Q3 **Report Date:** 06-Sep-24

SW-846 9036 (TOTAL)

Batch R350166 **SampType:** MSD Units **mg/L** RPD Limit: **10**
SampID: 24061026-022AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		20	S	**43**	40.00	14.66	69.6	41.19	3.15	07/12/2024

Batch R350166 **SampType:** MS Units **mg/L**
SampID: 24070825-002AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		20		**88**	40.00	49.27	97.8	85	115	07/13/2024

Batch R350166 **SampType:** MSD Units **mg/L** RPD Limit: **10**
SampID: 24070825-002AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		20		**92**	40.00	49.27	105.6	88.38	3.49	07/13/2024

Batch R350166 **SampType:** MS Units **mg/L**
SampID: 24070832-001CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		10		**41**	20.00	20.54	103.2	90	110	07/12/2024

Batch R350166 **SampType:** MSD Units **mg/L** RPD Limit: **10**
SampID: 24070832-001CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		10		**41**	20.00	20.54	104.6	41.17	0.70	07/12/2024

Batch R350231 **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	07/15/2024

Batch R350231 **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	94.9	90	110	07/15/2024

Batch R350231 **SampType:** MS Units **mg/L**
SampID: 24070962-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		20		**96**	40.00	57.30	96.1	85	115	07/15/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24061026

Client Project: NEW-24Q3 **Report Date:** 06-Sep-24

SW-846 9036 (TOTAL)

Batch R350231 **SampType:** MSD Units **mg/L** RPD Limit: **10**
SampID: 24070962-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		20		**97**	40.00	57.30	98.2	95.73	0.89	07/15/2024

Batch R350265 **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	07/16/2024

Batch R350265 **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	96.5	90	110	07/16/2024

Batch R350265 **SampType:** MS Units **mg/L**
SampID: 24071150-001BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		100		**456**	200.0	261.7	97.4	90	110	07/16/2024

Batch R350265 **SampType:** MSD Units **mg/L** RPD Limit: **10**
SampID: 24071150-001BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		100		**469**	200.0	261.7	103.6	456.4	2.67	07/16/2024

Batch R350265 **SampType:** MS Units **mg/L**
SampID: 24071151-001BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		100		**476**	200.0	279.1	98.5	90	110	07/16/2024

Batch R350265 **SampType:** MSD Units **mg/L** RPD Limit: **10**
SampID: 24071151-001BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		100		**478**	200.0	279.1	99.4	476.0	0.40	07/16/2024

Batch R350265 **SampType:** MS Units **mg/L**
SampID: 24071163-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		10	E	**50**	20.00	31.51	94.5	85	115	07/16/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24061026

Client Project: NEW-24Q3 **Report Date:** 06-Sep-24

SW-846 9036 (TOTAL)

Batch R350265 **SampType:** MSD Units **mg/L** RPD Limit: **10**
SampID: 24071163-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		10	E	**51**	20.00	31.51	98.5	50.40	1.59	07/16/2024

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

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24061026

Client Project: NEW-24Q3 **Report Date:** 06-Sep-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 R351845 **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	08/15/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll
Work Order: 24061026
Client Project: NEW-24Q3
Report Date: 06-Sep-24

SW-846 9036 (TOTAL)

Batch R351845 **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	08/15/2024

Batch R351845 **SampType:** MS Units **mg/L**
SampID: 24071451-025AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		50		**169**	100.0	75.41	93.1	85	115	08/15/2024

Batch R351845 **SampType:** MSD Units **mg/L** RPD Limit: **10**
SampID: 24071451-025AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		50		**176**	100.0	75.41	100.4	168.5	4.24	08/15/2024

Batch R351845 **SampType:** MS Units **mg/L**
SampID: 24071451-077AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		50		**186**	100.0	87.05	98.8	85	115	08/15/2024

Batch R351845 **SampType:** MSD Units **mg/L** RPD Limit: **10**
SampID: 24071451-077AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		50		**187**	100.0	87.05	100.4	185.8	0.87	08/15/2024

Batch R351845 **SampType:** MS Units **mg/L**
SampID: 24080820-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		50	E	**258**	100.0	165.4	92.8	85	115	08/15/2024

Batch R351845 **SampType:** MSD Units **mg/L** RPD Limit: **10**
SampID: 24080820-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		50	E	**258**	100.0	165.4	92.2	258.2	0.26	08/15/2024

Batch R351845 **SampType:** MS Units **mg/L**
SampID: 24080823-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		100		**487**	200.0	284.1	101.5	85	115	08/15/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24061026

Client Project: NEW-24Q3 **Report Date:** 06-Sep-24

SW-846 9036 (TOTAL)

Batch R351845 **SampType:** MSD Units **mg/L** RPD Limit: **10**
SampID: 24080823-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		100		**470**	200.0	284.1	93.1	487.1	3.50	08/15/2024

Batch R351908 **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	08/16/2024

Batch R351908 **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	94.3	90	110	08/16/2024

Batch R351908 **SampType:** MS Units **mg/L**
SampID: 24080002-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		10	E	**57**	20.00	39.49	85.9	85	115	08/16/2024

Batch R351908 **SampType:** MSD Units **mg/L** RPD Limit: **10**
SampID: 24080002-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		10	E	**57**	20.00	39.49	86.5	56.67	0.21	08/16/2024

Batch R351908 **SampType:** MS Units **mg/L**
SampID: 24080004-002BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		50		**204**	100.0	109.8	94.2	85	115	08/16/2024

Batch R351908 **SampType:** MSD Units **mg/L** RPD Limit: **10**
SampID: 24080004-002BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		50		**209**	100.0	109.8	99.2	204.0	2.45	08/16/2024

Batch R352032 **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	08/20/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24061026

Client Project: NEW-24Q3 **Report Date:** 06-Sep-24

SW-846 9036 (TOTAL)

Batch R352032 **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		**18**	20.00	0	91.5	90	110	08/20/2024

Batch R352032 **SampType:** MS Units **mg/L**
SampID: 24080242-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		10	S	**30**	20.00	13.54	82.6	85	115	08/20/2024

Batch R352032 **SampType:** MSD Units **mg/L** RPD Limit: **10**
SampID: 24080242-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		10	S	**30**	20.00	13.54	83.6	30.06	0.70	08/20/2024

Batch R352032 **SampType:** MS Units **mg/L**
SampID: 24080242-007AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		10	S	**27**	20.00	10.87	80.2	85	115	08/20/2024

Batch R352032 **SampType:** MSD Units **mg/L** RPD Limit: **10**
SampID: 24080242-007AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		10	S	**27**	20.00	10.87	79.2	26.90	0.75	08/20/2024

Batch R352032 **SampType:** MS Units **mg/L**
SampID: 24080243-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		100		**452**	200.0	268.3	92.0	85	115	08/20/2024

Batch R352032 **SampType:** MSD Units **mg/L** RPD Limit: **10**
SampID: 24080243-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		100		**467**	200.0	268.3	99.4	452.3	3.22	08/20/2024

Batch R352032 **SampType:** MS Units **mg/L**
SampID: 24080243-004AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		100		**421**	200.0	226.5	97.5	85	115	08/20/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24061026

Client Project: NEW-24Q3 **Report Date:** 06-Sep-24

SW-846 9036 (TOTAL)

Batch R352032 **SampType:** MSD Units **mg/L** RPD Limit: **10**
SampID: 24080243-004AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		100		**428**	200.0	226.5	100.6	421.4	1.50	08/20/2024

Batch R352032 **SampType:** MS Units **mg/L**
SampID: 24081587-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		200		**690**	400.0	308.6	95.5	90	110	08/20/2024

Batch R352032 **SampType:** MSD Units **mg/L** RPD Limit: **10**
SampID: 24081587-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		200		**695**	400.0	308.6	96.5	690.4	0.59	08/20/2024

Batch R352032 **SampType:** MS Units **mg/L**
SampID: 24081588-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		100		**494**	200.0	304.0	94.8	90	110	08/20/2024

Batch R352032 **SampType:** MSD Units **mg/L** RPD Limit: **10**
SampID: 24081588-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		100		**498**	200.0	304.0	96.8	493.6	0.80	08/20/2024

SW-846 9066 (TOTAL)

Batch R350270 **SampType:** MBLK Units **mg/L**
SampID: ICB/MBLK

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Phenols		0.005		**< 0.005**	0.0028	0	0	-100	100	07/16/2024

Batch R350270 **SampType:** MBLK Units **mg/L**
SampID: MBLK-225747

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Phenols	*	0.005		**< 0.005**	0.0028	0	0	-100	100	07/16/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24061026

Client Project: NEW-24Q3 **Report Date:** 06-Sep-24

SW-846 9066 (TOTAL)

Batch R350270 **SampType:** LCS Units **mg/L**
SampID: ICV/LCS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Phenols		0.005		**0.048**	0.0500	0	95.8	90	110	07/16/2024

Batch R350270 **SampType:** MS Units **mg/L**
SampID: 24071098-001GMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Phenols		0.005	S	**0.064**	0.0500	0.006110	115.8	90	110	07/16/2024

Batch R350270 **SampType:** MSD Units **mg/L** RPD Limit: **15**
SampID: 24071098-001GMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Phenols		0.005		**0.060**	0.0500	0.006110	108.1	0.06402	6.22	07/16/2024

Batch R350270 **SampType:** MS Units **mg/L**
SampID: 24071150-002CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Phenols		0.005	S	**0.059**	0.0500	0	117.6	90	110	07/16/2024

Batch R350270 **SampType:** MSD Units **mg/L** RPD Limit: **15**
SampID: 24071150-002CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Phenols		0.005		**0.052**	0.0500	0	104.2	0.05879	12.03	07/16/2024

SW-846 9214 (DISSOLVED)

Batch R350044 **SampType:** MS Units **mg/L**
SampID: 24061026-041BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**1.83**	2.000	0.1780	82.6	75	125	07/11/2024

Batch R350044 **SampType:** MSD Units **mg/L** RPD Limit: **15**
SampID: 24061026-041BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**1.82**	2.000	0.1780	82.0	1.829	0.55	07/11/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24061026

Client Project: NEW-24Q3 **Report Date:** 06-Sep-24

SW-846 9214 (DISSOLVED)

Batch R350044 **SampType:** MS Units **mg/L**
SampID: 24061026-044BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**1.93**	2.000	0.1960	86.8	75	125	07/11/2024

Batch R350044 **SampType:** MSD Units **mg/L** RPD Limit: **15**
SampID: 24061026-044BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**1.96**	2.000	0.1960	88.2	1.931	1.54	07/11/2024

Batch R350044 **SampType:** MS Units **mg/L**
SampID: 24070677-002BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**2.07**	2.000	0.2200	92.5	75	125	07/11/2024

Batch R350044 **SampType:** MSD Units **mg/L** RPD Limit: **15**
SampID: 24070677-002BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**2.19**	2.000	0.2200	98.6	2.070	5.77	07/11/2024

Batch R350044 **SampType:** MS Units **mg/L**
SampID: 24070879-008BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**2.43**	2.000	0.4330	99.6	75	125	07/11/2024

Batch R350044 **SampType:** MSD Units **mg/L** RPD Limit: **15**
SampID: 24070879-008BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**2.43**	2.000	0.4330	99.9	2.425	0.25	07/11/2024

SW-846 9214 (TOTAL)

Batch R349705 **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	07/03/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24061026

Client Project: NEW-24Q3 **Report Date:** 06-Sep-24

SW-846 9214 (TOTAL)

Batch R349705 **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		**1.02**	1.000	0	102.4	90	110	07/03/2024

Batch R349705 **SampType:** MS Units **mg/L**
SampID: 24061026-012AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**2.67**	2.000	0.5380	106.8	75	125	07/03/2024

Batch R349705 **SampType:** MSD Units **mg/L** RPD Limit: **15**
SampID: 24061026-012AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**2.60**	2.000	0.5380	102.8	2.673	2.96	07/03/2024

Batch R349705 **SampType:** MS Units **mg/L**
SampID: 24070169-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**2.89**	2.000	0.6460	112.2	75	125	07/03/2024

Batch R349705 **SampType:** MSD Units **mg/L** RPD Limit: **15**
SampID: 24070169-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**2.75**	2.000	0.6460	105.1	2.890	5.04	07/03/2024

Batch R349987 **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	07/10/2024

Batch R349987 **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		**1.02**	1.000	0	102.0	90	110	07/10/2024

Batch R349987 **SampType:** MS Units **mg/L**
SampID: 24061026-006AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**2.12**	2.000	0.1920	96.6	75	125	07/10/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24061026

Client Project: NEW-24Q3 **Report Date:** 06-Sep-24

SW-846 9214 (TOTAL)

Batch R349987 **SampType:** MSD Units **mg/L** RPD Limit: **15**
SampID: 24061026-006AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**2.15**	2.000	0.1920	98.0	2.123	1.36	07/10/2024

Batch R349987 **SampType:** MS Units **mg/L**
SampID: 24061026-061AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**2.42**	2.000	0.4220	100.0	75	125	07/10/2024

Batch R349987 **SampType:** MSD Units **mg/L** RPD Limit: **15**
SampID: 24061026-061AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**2.44**	2.000	0.4220	100.7	2.423	0.49	07/10/2024

Batch R349987 **SampType:** MS Units **mg/L**
SampID: 24070704-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		1.00		**59.9**	20.00	39.88	100.0	75	125	07/10/2024

Batch R349987 **SampType:** MSD Units **mg/L** RPD Limit: **15**
SampID: 24070704-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		1.00		**60.2**	20.00	39.88	101.8	59.89	0.58	07/10/2024

Batch R349987 **SampType:** MS Units **mg/L**
SampID: 24070726-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**2.81**	2.000	0.7350	103.7	75	125	07/10/2024

Batch R349987 **SampType:** MSD Units **mg/L** RPD Limit: **15**
SampID: 24070726-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**2.81**	2.000	0.7350	104.0	2.809	0.18	07/10/2024

Batch R350044 **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	07/11/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24061026

Client Project: NEW-24Q3 **Report Date:** 06-Sep-24

SW-846 9214 (TOTAL)

Batch R350044 **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		**0.97**	1.000	0	97.2	90	110	07/11/2024

Batch R350044 **SampType:** MS Units **mg/L**
SampID: 24061026-055AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**2.85**	2.000	0.8270	101.0	75	125	07/11/2024

Batch R350044 **SampType:** MSD Units **mg/L** RPD Limit: **15**
SampID: 24061026-055AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**2.84**	2.000	0.8270	100.7	2.846	0.21	07/11/2024

Batch R350044 **SampType:** MS Units **mg/L**
SampID: 24061026-079AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**1.64**	2.000	0	82.2	75	125	07/12/2024

Batch R350044 **SampType:** MSD Units **mg/L** RPD Limit: **15**
SampID: 24061026-079AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**1.88**	2.000	0	93.9	1.644	13.29	07/12/2024

Batch R351680 **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	08/14/2024

Batch R351680 **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	98.7	90	110	08/14/2024

Batch R351680 **SampType:** MS Units **mg/L**
SampID: 24061026-098AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**2.26**	2.000	0.3470	95.8	75	125	08/14/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24061026

Client Project: NEW-24Q3 **Report Date:** 06-Sep-24

SW-846 9214 (TOTAL)

Batch R351680 **SampType:** MSD Units **mg/L** RPD Limit: **15**
SampID: 24061026-098AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**2.27**	2.000	0.3470	96.0	2.263	0.18	08/14/2024

Batch R351680 **SampType:** MS Units **mg/L**
SampID: 24061026-102AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**2.13**	2.000	0	106.4	75	125	08/14/2024

Batch R351680 **SampType:** MSD Units **mg/L** RPD Limit: **15**
SampID: 24061026-102AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**2.10**	2.000	0	105.2	2.128	1.18	08/14/2024

Batch R351680 **SampType:** DUP Units **mg/L** RPD Limit: **15**
SampID: 24080444-001ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**0.48**				0.4850	0.41	08/14/2024

SW-846 9251 (DISSOLVED)

Batch R349718 **SampType:** MS Units **mg/L**
SampID: 24061026-053BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		8	E	**120**	40.00	78.35	104.5	85	115	07/03/2024

Batch R349718 **SampType:** MSD Units **mg/L** RPD Limit: **15**
SampID: 24061026-053BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		8	E	**116**	40.00	78.35	93.3	120.1	3.80	07/03/2024

Batch R349718 **SampType:** MS Units **mg/L**
SampID: 24070182-002BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		20		**159**	100.0	64.81	93.8	85	115	07/03/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24061026

Client Project: NEW-24Q3 **Report Date:** 06-Sep-24

SW-846 9251 (DISSOLVED)

Batch R349718 **SampType:** MSD Units **mg/L** RPD Limit: **15**
SampID: 24070182-002BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		20		**159**	100.0	64.81	94.4	158.6	0.35	07/03/2024

Batch R349718 **SampType:** MS Units **mg/L**
SampID: 24070182-004BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		4		**30**	20.00	11.59	91.1	85	115	07/03/2024

Batch R349718 **SampType:** MSD Units **mg/L** RPD Limit: **15**
SampID: 24070182-004BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		4		**30**	20.00	11.59	92.0	29.81	0.64	07/03/2024

Batch R349891 **SampType:** MS Units **mg/L**
SampID: 24070386-007BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		4		**33**	20.00	14.91	90.2	85	115	07/08/2024

Batch R349891 **SampType:** MSD Units **mg/L** RPD Limit: **15**
SampID: 24070386-007BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		4		**33**	20.00	14.91	90.6	32.94	0.24	07/08/2024

Batch R349943 **SampType:** MS Units **mg/L**
SampID: 24061026-062BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		20		**156**	100.0	62.46	93.0	85	115	07/09/2024

Batch R349943 **SampType:** MSD Units **mg/L** RPD Limit: **15**
SampID: 24061026-062BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		20		**155**	100.0	62.46	92.9	155.5	0.07	07/09/2024

Batch R349979 **SampType:** MS Units **mg/L**
SampID: 24070571-002BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		4		**42**	20.00	25.25	86.2	85	115	07/10/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24061026

Client Project: NEW-24Q3 **Report Date:** 06-Sep-24

SW-846 9251 (DISSOLVED)

Batch R349979 **SampType:** MSD Units **mg/L** RPD Limit: **15**
SampID: 24070571-002BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		4		**43**	20.00	25.25	88.2	42.48	0.96	07/10/2024

Batch R350172 **SampType:** MS Units **mg/L**
SampID: 24061026-034BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		4	E	**55**	20.00	36.24	93.0	85	115	07/12/2024

Batch R350172 **SampType:** MSD Units **mg/L** RPD Limit: **15**
SampID: 24061026-034BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		4	E	**54**	20.00	36.24	90.0	54.84	1.10	07/12/2024

Batch R350234 **SampType:** MS Units **mg/L**
SampID: 24071020-004BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		4		**22**	20.00	3.050	96.0	85	115	07/15/2024

Batch R350234 **SampType:** MSD Units **mg/L** RPD Limit: **15**
SampID: 24071020-004BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		4		**22**	20.00	3.050	97.0	22.24	0.94	07/15/2024

Batch R351860 **SampType:** MS Units **mg/L**
SampID: 24080823-001BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		200		**1520**	1000	606.4	91.8	85	115	08/15/2024

Batch R351860 **SampType:** MSD Units **mg/L** RPD Limit: **15**
SampID: 24080823-001BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		200		**1520**	1000	606.4	91.8	1524	0.03	08/15/2024

Batch R351860 **SampType:** MS Units **mg/L**
SampID: 24080857-005CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		4	E	**66**	20.00	47.08	95.2	85	115	08/15/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24061026

Client Project: NEW-24Q3 **Report Date:** 06-Sep-24

SW-846 9251 (DISSOLVED)

Batch R351860 **SampType:** MSD Units **mg/L** RPD Limit: **15**
SampID: 24080857-005CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		4	E	**66**	20.00	47.08	95.4	66.11	0.09	08/15/2024

Batch R351927 **SampType:** MS Units **mg/L**
SampID: 24080241-002BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		4		**26**	20.00	6.550	96.3	85	115	08/16/2024

Batch R351927 **SampType:** MSD Units **mg/L** RPD Limit: **15**
SampID: 24080241-002BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		4		**26**	20.00	6.550	98.2	25.81	1.46	08/16/2024

Batch R351927 **SampType:** MS Units **mg/L**
SampID: 24080241-005BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		20		**146**	100.0	53.35	93.1	85	115	08/16/2024

Batch R351927 **SampType:** MSD Units **mg/L** RPD Limit: **15**
SampID: 24080241-005BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		20		**146**	100.0	53.35	93.1	146.5	0.00	08/16/2024

Batch R351927 **SampType:** MS Units **mg/L**
SampID: 24080241-011BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		4		**47**	20.00	28.53	91.8	85	115	08/16/2024

Batch R351927 **SampType:** MSD Units **mg/L** RPD Limit: **15**
SampID: 24080241-011BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		4		**47**	20.00	28.53	91.4	46.88	0.13	08/16/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24061026

Client Project: NEW-24Q3 **Report Date:** 06-Sep-24

SW-846 9251 (TOTAL)

Batch R349718 **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	07/03/2024

Batch R349718 **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	99.3	90	110	07/03/2024

Batch R349718 **SampType:** MS Units **mg/L**
SampID: 24061026-007AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		4	E	**66**	20.00	46.93	97.7	85	115	07/03/2024

Batch R349718 **SampType:** MSD Units **mg/L** RPD Limit: **15**
SampID: 24061026-007AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		4	E	**67**	20.00	46.93	99.0	66.46	0.39	07/03/2024

Batch R349718 **SampType:** MS Units **mg/L**
SampID: 24070024-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		4		**45**	20.00	28.10	85.6	85	115	07/03/2024

Batch R349718 **SampType:** MSD Units **mg/L** RPD Limit: **15**
SampID: 24070024-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		4		**46**	20.00	28.10	89.1	45.22	1.54	07/03/2024

Batch R349891 **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	07/08/2024

Batch R349891 **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	100.1	90	110	07/08/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24061026

Client Project: NEW-24Q3 **Report Date:** 06-Sep-24

SW-846 9251 (TOTAL)

Batch R349891 **SampType:** MS Units **mg/L**
SampID: 24070428-001CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		4	E	**51**	20.00	34.10	85.3	85	115	07/08/2024

Batch R349891 **SampType:** MSD Units **mg/L** RPD Limit: **15**
SampID: 24070428-001CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		4	E	**52**	20.00	34.10	89.5	51.15	1.65	07/08/2024

Batch R349943 **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	07/09/2024

Batch R349943 **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	98.7	90	110	07/09/2024

Batch R349943 **SampType:** MS Units **mg/L**
SampID: 24070426-001BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		4		**24**	20.00	3.650	99.6	85	115	07/09/2024

Batch R349943 **SampType:** MSD Units **mg/L** RPD Limit: **15**
SampID: 24070426-001BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		4		**23**	20.00	3.650	99.0	23.56	0.43	07/09/2024

Batch R349943 **SampType:** MS Units **mg/L**
SampID: 24070559-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		4		**48**	20.00	29.35	91.5	85	115	07/09/2024

Batch R349943 **SampType:** MSD Units **mg/L** RPD Limit: **15**
SampID: 24070559-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		4		**48**	20.00	29.35	93.0	47.65	0.65	07/09/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24061026

Client Project: NEW-24Q3 **Report Date:** 06-Sep-24

SW-846 9251 (TOTAL)

Batch R349979 **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	07/10/2024

Batch R349979 **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	07/10/2024

Batch R349979 **SampType:** MS Units **mg/L**
SampID: 24061026-054AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		20		**166**	100.0	76.84	88.9	85	115	07/10/2024

Batch R349979 **SampType:** MSD Units **mg/L** RPD Limit: **15**
SampID: 24061026-054AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		20		**164**	100.0	76.84	86.8	165.7	1.23	07/10/2024

Batch R349979 **SampType:** MS Units **mg/L**
SampID: 24070656-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		8		**62**	40.00	25.31	92.9	85	115	07/10/2024

Batch R349979 **SampType:** MSD Units **mg/L** RPD Limit: **15**
SampID: 24070656-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		8		**63**	40.00	25.31	94.7	62.46	1.18	07/10/2024

Batch R349979 **SampType:** MS Units **mg/L**
SampID: 24070704-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		2000		**17500**	10000	8389	91.5	85	115	07/10/2024

Batch R349979 **SampType:** MSD Units **mg/L** RPD Limit: **15**
SampID: 24070704-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		2000		**17300**	10000	8389	89.3	17540	1.27	07/10/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24061026

Client Project: NEW-24Q3 **Report Date:** 06-Sep-24

SW-846 9251 (TOTAL)

Batch R350172 **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	07/12/2024

Batch R350172 **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	97.9	90	110	07/12/2024

Batch R350172 **SampType:** MS Units **mg/L**
SampID: 24061026-011AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		8		**91**	40.00	54.41	91.0	85	115	07/12/2024

Batch R350172 **SampType:** MSD Units **mg/L** RPD Limit: **15**
SampID: 24061026-011AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		8		**89**	40.00	54.41	86.5	90.80	1.98	07/12/2024

Batch R350172 **SampType:** MS Units **mg/L**
SampID: 24070740-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		8		**79**	40.00	43.40	89.2	85	115	07/12/2024

Batch R350172 **SampType:** MSD Units **mg/L** RPD Limit: **15**
SampID: 24070740-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		8		**78**	40.00	43.40	87.7	79.08	0.77	07/12/2024

Batch R350172 **SampType:** MS Units **mg/L**
SampID: 24070825-002AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		4		**33**	20.00	15.21	90.0	85	115	07/13/2024

Batch R350172 **SampType:** MSD Units **mg/L** RPD Limit: **15**
SampID: 24070825-002AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		4		**33**	20.00	15.21	88.6	33.20	0.85	07/13/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24061026

Client Project: NEW-24Q3 **Report Date:** 06-Sep-24

SW-846 9251 (TOTAL)

Batch R350172 **SampType:** MS Units **mg/L**
SampID: 24070832-001CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		4		**28**	20.00	8.540	97.2	85	115	07/12/2024

Batch R350172 **SampType:** MSD Units **mg/L** RPD Limit: **15**
SampID: 24070832-001CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		4		**28**	20.00	8.540	97.0	27.97	0.11	07/12/2024

Batch R350172 **SampType:** MS Units **mg/L**
SampID: 24070962-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		40		**275**	200.0	89.97	92.8	85	115	07/13/2024

Batch R350172 **SampType:** MSD Units **mg/L** RPD Limit: **15**
SampID: 24070962-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		40		**274**	200.0	89.97	92.1	275.5	0.45	07/13/2024

Batch R350234 **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	07/15/2024

Batch R350234 **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	98.8	90	110	07/15/2024

Batch R350234 **SampType:** MS Units **mg/L**
SampID: 24061026-022AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		20		**149**	100.0	55.25	94.0	85	115	07/15/2024

Batch R350234 **SampType:** MSD Units **mg/L** RPD Limit: **15**
SampID: 24061026-022AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		20		**149**	100.0	55.25	94.0	149.2	0.01	07/15/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24061026

Client Project: NEW-24Q3 **Report Date:** 06-Sep-24

SW-846 9251 (TOTAL)

Batch R350317 **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	07/16/2024

Batch R350317 **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	100.1	90	110	07/16/2024

Batch R350317 **SampType:** MS Units **mg/L**
SampID: 24071150-001BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		4		**24**	20.00	4.900	97.0	85	115	07/16/2024

Batch R350317 **SampType:** MSD Units **mg/L** RPD Limit: **15**
SampID: 24071150-001BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		4		**25**	20.00	4.900	98.7	24.30	1.39	07/16/2024

Batch R350317 **SampType:** MS Units **mg/L**
SampID: 24071163-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		4	E	**50**	20.00	32.17	89.7	85	115	07/16/2024

Batch R350317 **SampType:** MSD Units **mg/L** RPD Limit: **15**
SampID: 24071163-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		4	E	**51**	20.00	32.17	92.4	50.11	1.05	07/16/2024

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

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24061026

Client Project: NEW-24Q3 **Report Date:** 06-Sep-24

SW-846 9251 (TOTAL)

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

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

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24061026

Client Project: NEW-24Q3 **Report Date:** 06-Sep-24

SW-846 9251 (TOTAL)

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

Batch R351860 **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	08/15/2024

Batch R351860 **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	98.3	90	110	08/15/2024

Batch R351860 **SampType:** MS Units **mg/L**
SampID: 24080717-002AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		4	H	**34**	20.00	15.42	90.8	85	115	08/15/2024

Batch R351860 **SampType:** MSD Units **mg/L** RPD Limit: **15**
SampID: 24080717-002AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		4	H	**34**	20.00	15.42	91.1	33.58	0.18	08/15/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24061026

Client Project: NEW-24Q3 **Report Date:** 06-Sep-24

SW-846 9251 (TOTAL)

Batch R351860 **SampType:** MS Units **mg/L**
SampID: 24080855-004AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		80		**872**	400.0	507.2	91.1	85	115	08/15/2024

Batch R351860 **SampType:** MSD Units **mg/L** RPD Limit: **15**
SampID: 24080855-004AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		80		**858**	400.0	507.2	87.8	871.7	1.54	08/15/2024

Batch R351927 **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	08/16/2024

Batch R351927 **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	99.0	90	110	08/16/2024

Batch R351927 **SampType:** MS Units **mg/L**
SampID: 24080002-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		4		**22**	20.00	2.650	97.6	85	115	08/16/2024

Batch R351927 **SampType:** MSD Units **mg/L** RPD Limit: **15**
SampID: 24080002-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		4		**22**	20.00	2.650	97.2	22.17	0.36	08/16/2024

Batch R351927 **SampType:** MS Units **mg/L**
SampID: 24080004-002BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		20		**198**	100.0	109.2	88.4	85	115	08/16/2024

Batch R351927 **SampType:** MSD Units **mg/L** RPD Limit: **15**
SampID: 24080004-002BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		20		**199**	100.0	109.2	90.2	197.6	0.89	08/16/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24061026

Client Project: NEW-24Q3 **Report Date:** 06-Sep-24

SW-846 9251 (TOTAL)

Batch R351927 **SampType:** MS Units **mg/L**
SampID: 24080876-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		40		**353**	200.0	142.9	104.9	85	115	08/16/2024

Batch R351927 **SampType:** MSD Units **mg/L** RPD Limit: **15**
SampID: 24080876-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		40		**346**	200.0	142.9	101.7	352.6	1.84	08/16/2024

Batch R352062 **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	08/20/2024

Batch R352062 **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	98.6	90	110	08/20/2024

Batch R352062 **SampType:** MS Units **mg/L**
SampID: 24080242-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		4		**47**	20.00	28.68	91.0	85	115	08/20/2024

Batch R352062 **SampType:** MSD Units **mg/L** RPD Limit: **15**
SampID: 24080242-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		4		**46**	20.00	28.68	89.0	46.87	0.84	08/20/2024

Batch R352062 **SampType:** MS Units **mg/L**
SampID: 24080242-007AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		4	E	**55**	20.00	37.19	87.8	85	115	08/20/2024

Batch R352062 **SampType:** MSD Units **mg/L** RPD Limit: **15**
SampID: 24080242-007AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		4	E	**55**	20.00	37.19	87.0	54.74	0.26	08/20/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24061026

Client Project: NEW-24Q3 **Report Date:** 06-Sep-24

SW-846 9251 (TOTAL)

Batch R352062 **SampType:** MS Units **mg/L**
SampID: 24080243-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		20		**204**	100.0	108.5	95.2	85	115	08/20/2024

Batch R352062 **SampType:** MSD Units **mg/L** RPD Limit: **15**
SampID: 24080243-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		20		**200**	100.0	108.5	91.7	203.7	1.71	08/20/2024

Batch R352062 **SampType:** MS Units **mg/L**
SampID: 24080243-004AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		40		**358**	200.0	175.5	91.5	85	115	08/20/2024

Batch R352062 **SampType:** MSD Units **mg/L** RPD Limit: **15**
SampID: 24080243-004AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		40		**359**	200.0	175.5	91.8	358.5	0.20	08/20/2024

Batch R352062 **SampType:** MS Units **mg/L**
SampID: 24081588-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		4		**27**	20.00	8.000	97.2	85	115	08/20/2024

Batch R352062 **SampType:** MSD Units **mg/L** RPD Limit: **15**
SampID: 24081588-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		4		**27**	20.00	8.000	97.2	27.44	0.04	08/20/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll **Work Order:** 24061026

Client Project: NEW-24Q3 **Report Date:** 06-Sep-24

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

Batch 225285 **SampType:** MBLK Units **mg/L**

SampID: MBLK-225285

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	07/05/2024
Calcium		0.100		**< 0.100**	0.0350	0	0	-100	100	07/09/2024
Magnesium		0.050		**< 0.050**	0.0055	0	0	-100	100	07/09/2024
Potassium		0.100		**< 0.100**	0.0400	0	0	-100	100	07/05/2024
Potassium		0.100		**< 0.100**	0.0400	0	0	-100	100	07/09/2024
Sodium		0.050		**< 0.050**	0.0180	0	0	-100	100	07/05/2024
Sodium		0.050		**< 0.050**	0.0180	0	0	-100	100	07/09/2024

Batch 225285 **SampType:** LCS Units **mg/L**

SampID: LCS-225285

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		**2.48**	2.500	0	99.0	85	115	07/09/2024
Calcium		0.100		**2.36**	2.500	0	94.6	85	115	07/05/2024
Magnesium		0.050		**2.27**	2.500	0	90.8	85	115	07/09/2024
Potassium		0.100		**2.58**	2.500	0	103.2	85	115	07/05/2024
Potassium		0.100		**2.66**	2.500	0	106.3	85	115	07/09/2024
Sodium		0.050		**2.55**	2.500	0	101.9	85	115	07/09/2024
Sodium		0.050		**2.51**	2.500	0	100.5	85	115	07/05/2024

Batch 225411 **SampType:** MBLK Units **mg/L**

SampID: MBLK-225411

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	07/09/2024
Arsenic		0.0250		**< 0.0250**	0.0087	0	0	-100	100	07/09/2024
Boron		0.0200		**< 0.0200**	0.0090	0	0	-100	100	07/09/2024
Cadmium		0.0020		**< 0.0020**	0.0005	0	0	-100	100	07/09/2024
Calcium		0.100		**< 0.100**	0.0350	0	0	-100	100	07/09/2024
Chromium		0.0050		**< 0.0050**	0.0028	0	0	-100	100	07/09/2024
Lead		0.0150		**< 0.0150**	0.0014	0	0	-100	100	07/09/2024
Magnesium		0.0500		**< 0.0500**	0.0055	0	0	-100	100	07/09/2024
Potassium		0.100		**< 0.100**	0.0400	0	0	-100	100	07/09/2024
Selenium		0.0400		**< 0.0400**	0.0170	0	0	-100	100	07/09/2024
Sodium		0.0500		**< 0.0500**	0.0180	0	0	-100	100	07/09/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll **Work Order:** 24061026

Client Project: NEW-24Q3 **Report Date:** 06-Sep-24

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

Batch 225411 **SampType:** LCS Units **mg/L**
SampID: LCS-225411

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		0.0500		**0.477**	0.5000	0	95.3	85	115	07/09/2024
Arsenic		0.0250		**0.497**	0.5000	0	99.4	85	115	07/09/2024
Boron		0.0200		**0.480**	0.5000	0	96.1	85	115	07/09/2024
Cadmium		0.0020		**0.0437**	0.0500	0	87.4	85	115	07/09/2024
Calcium		0.100		**2.47**	2.500	0	98.6	85	115	07/09/2024
Chromium		0.0050		**0.195**	0.2000	0	97.3	85	115	07/09/2024
Lead		0.0150		**0.475**	0.5000	0	95.1	85	115	07/09/2024
Magnesium		0.0500		**2.24**	2.500	0	89.8	85	115	07/09/2024
Potassium		0.100		**2.61**	2.500	0	104.2	85	115	07/09/2024
Selenium		0.0400		**0.455**	0.5000	0	91.0	85	115	07/09/2024
Sodium		0.0500		**2.51**	2.500	0	100.3	85	115	07/09/2024

Batch 225500 **SampType:** MBLK Units **mg/L**
SampID: MBLK-225500

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	07/10/2024
Magnesium		0.0500		**< 0.0500**	0.0055	0	0	-100	100	07/10/2024
Potassium		0.100		**< 0.100**	0.0400	0	0	-100	100	07/10/2024
Sodium		0.0500		**< 0.0500**	0.0180	0	0	-100	100	07/10/2024

Batch 225500 **SampType:** LCS Units **mg/L**
SampID: LCS-225500

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		**2.33**	2.500	0	93.3	85	115	07/10/2024
Calcium		0.100		**2.39**	2.500	0	95.5	85	115	07/10/2024
Magnesium		0.0500	S	**2.08**	2.500	0	83.4	85	115	07/10/2024
Magnesium		0.0500		**2.13**	2.500	0	85.3	85	115	07/10/2024
Potassium		0.100		**2.52**	2.500	0	100.8	85	115	07/10/2024
Potassium		0.100		**2.57**	2.500	0	102.9	85	115	07/10/2024
Sodium		0.0500		**2.36**	2.500	0	94.2	85	115	07/10/2024
Sodium		0.0500		**2.41**	2.500	0	96.3	85	115	07/10/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24061026

Client Project: NEW-24Q3 **Report Date:** 06-Sep-24

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

Batch 225500 **SampType:** MS Units **mg/L**

SampID: 24061026-045CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100	S	**190**	2.500	192.9	-99.6	75	125	07/10/2024
Magnesium		0.050	S	**137**	2.500	138.7	-55.8	75	125	07/10/2024
Potassium		0.100		**4.36**	2.500	1.829	101.1	75	125	07/10/2024
Sodium		0.050	S	**93.4**	2.500	92.90	20.4	75	125	07/10/2024

Batch 225500 **SampType:** MSD Units **mg/L** RPD Limit: **20**

SampID: 24061026-045CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Calcium		0.100	S	**191**	2.500	192.9	-70.8	190.4	0.38	07/10/2024
Magnesium		0.050	S	**138**	2.500	138.7	-46.2	137.3	0.18	07/10/2024
Potassium		0.100		**4.40**	2.500	1.829	102.7	4.358	0.90	07/10/2024
Sodium		0.050	S	**93.6**	2.500	92.90	29.6	93.41	0.25	07/10/2024

Batch 225500 **SampType:** MS Units **mg/L**

SampID: 24061026-061DMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100	S	**118**	2.500	120.2	-72.4	75	125	07/10/2024
Magnesium		0.050	S	**47.1**	2.500	46.64	19.3	75	125	07/10/2024
Potassium		0.100		**5.11**	2.500	2.689	96.8	75	125	07/10/2024
Sodium		0.050	S	**92.4**	2.500	93.52	-45.2	75	125	07/10/2024

Batch 225500 **SampType:** MSD Units **mg/L** RPD Limit: **20**

SampID: 24061026-061DMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Calcium		0.100	S	**119**	2.500	120.2	-62.8	118.4	0.20	07/10/2024
Magnesium		0.050	S	**47.1**	2.500	46.64	19.0	47.12	0.01	07/10/2024
Potassium		0.100		**5.10**	2.500	2.689	96.5	5.109	0.14	07/10/2024
Sodium		0.050	S	**93.0**	2.500	93.52	-22.8	92.39	0.60	07/10/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24061026

Client Project: NEW-24Q3 **Report Date:** 06-Sep-24

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

Batch 225569 **SampType:** MBLK Units **mg/L**

SampID: MBLK-225569

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	07/11/2024
Arsenic		0.0250		**< 0.0250**	0.0087	0	0	-100	100	07/11/2024
Boron		0.0200		**< 0.0200**	0.0090	0	0	-100	100	07/11/2024
Cadmium		0.0020		**< 0.0020**	0.0005	0	0	-100	100	07/11/2024
Calcium		0.100		**< 0.100**	0.0350	0	0	-100	100	07/11/2024
Calcium		0.100		**< 0.100**	0.0350	0	0	-100	100	07/11/2024
Chromium		0.0050		**< 0.0050**	0.0028	0	0	-100	100	07/11/2024
Lead		0.0150		**< 0.0150**	0.0014	0	0	-100	100	07/11/2024
Magnesium		0.0500		**< 0.0500**	0.0055	0	0	-100	100	07/11/2024
Magnesium		0.050		**< 0.050**	0.0055	0	0	-100	100	07/11/2024
Potassium		0.100		**< 0.100**	0.0400	0	0	-100	100	07/11/2024
Potassium		0.100		**< 0.100**	0.0400	0	0	-100	100	07/11/2024
Selenium		0.0400		**< 0.0400**	0.0170	0	0	-100	100	07/11/2024
Sodium		0.0500		**< 0.0500**	0.0180	0	0	-100	100	07/11/2024
Sodium		0.050		**< 0.050**	0.0180	0	0	-100	100	07/11/2024

Batch 225569 **SampType:** LCS Units **mg/L**

SampID: LCS-225569

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		0.0500		**0.459**	0.5000	0	91.8	85	115	07/11/2024
Arsenic		0.0250		**0.471**	0.5000	0	94.1	85	115	07/11/2024
Boron		0.0200		**0.468**	0.5000	0	93.7	85	115	07/11/2024
Cadmium		0.0020		**0.0460**	0.0500	0	92.0	85	115	07/11/2024
Calcium		0.100		**2.30**	2.500	0	91.8	85	115	07/11/2024
Calcium		0.100		**2.30**	2.500	0	91.8	85	115	07/11/2024
Chromium		0.0050		**0.184**	0.2000	0	91.8	85	115	07/11/2024
Lead		0.0150		**0.455**	0.5000	0	91.0	85	115	07/11/2024
Magnesium		0.0500		**2.14**	2.500	0	85.7	85	115	07/11/2024
Magnesium		0.050		**2.14**	2.500	0	85.7	85	115	07/11/2024
Potassium		0.100		**2.49**	2.500	0	99.6	85	115	07/11/2024
Potassium		0.100		**2.49**	2.500	0	99.6	85	115	07/11/2024
Selenium		0.0400		**0.450**	0.5000	0	89.9	85	115	07/11/2024
Sodium		0.0500		**2.40**	2.500	0	96.1	85	115	07/11/2024
Sodium		0.050		**2.40**	2.500	0	96.1	85	115	07/11/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24061026

Client Project: NEW-24Q3 **Report Date:** 06-Sep-24

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

Batch 225569 **SampType:** MS Units **mg/L**

SampID: 24061026-043CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100	S	**514**	2.500	520.0	-243.2	75	125	07/11/2024
Magnesium		0.050	S	**172**	2.500	174.3	-75.0	75	125	07/11/2024
Potassium		0.100		**3.70**	2.500	1.095	104.1	75	125	07/11/2024
Sodium		0.050	S	**118**	2.500	116.7	59.6	75	125	07/11/2024

Batch 225569 **SampType:** MSD Units **mg/L** RPD Limit: **20**

SampID: 24061026-043CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Calcium		0.100	S	**516**	2.500	520.0	-145.6	513.9	0.47	07/11/2024
Magnesium		0.050	S	**173**	2.500	174.3	-36.3	172.4	0.56	07/11/2024
Potassium		0.100		**3.72**	2.500	1.095	105.0	3.697	0.64	07/11/2024
Sodium		0.050	S	**118**	2.500	116.7	61.6	118.2	0.04	07/11/2024

Batch 225569 **SampType:** MS Units **mg/L**

SampID: 24061026-059DMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		**108**	2.500	106.1	83.6	75	125	07/11/2024
Magnesium		0.050		**43.0**	2.500	40.73	89.7	75	125	07/11/2024
Potassium		0.100		**5.26**	2.500	2.815	97.7	75	125	07/11/2024
Sodium		0.050	S	**97.0**	2.500	95.28	70.4	75	125	07/11/2024

Batch 225569 **SampType:** MSD Units **mg/L** RPD Limit: **20**

SampID: 24061026-059DMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Calcium		0.100		**108**	2.500	106.1	91.6	108.2	0.18	07/11/2024
Magnesium		0.050		**43.0**	2.500	40.73	92.3	42.98	0.15	07/11/2024
Potassium		0.100		**5.46**	2.500	2.815	105.6	5.257	3.71	07/11/2024
Sodium		0.050	S	**98.5**	2.500	95.28	128.8	97.04	1.49	07/11/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll **Work Order:** 24061026

Client Project: NEW-24Q3 **Report Date:** 06-Sep-24

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

Batch 225657 **SampType:** MBLK Units **mg/L**
SampID: MBLK-225657

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	07/15/2024
Iron		0.0400		**< 0.0400**	0.0200	0	0	-100	100	07/15/2024
Magnesium		0.0500		**< 0.0500**	0.0055	0	0	-100	100	07/15/2024
Manganese		0.0070		**< 0.0070**	0.0025	0	0	-100	100	07/15/2024
Potassium		0.100		**< 0.100**	0.0400	0	0	-100	100	07/15/2024
Sodium		0.0500		**< 0.0500**	0.0180	0	0	-100	100	07/15/2024

Batch 225657 **SampType:** LCS Units **mg/L**
SampID: LCS-225657

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		**2.28**	2.500	0	91.1	85	115	07/15/2024
Iron		0.0400		**1.82**	2.000	0	91.2	85	115	07/15/2024
Magnesium		0.0500		**2.16**	2.500	0	86.3	85	115	07/15/2024
Manganese		0.0070		**0.464**	0.5000	0	92.9	85	115	07/15/2024
Potassium		0.100		**2.43**	2.500	0	97.1	85	115	07/15/2024
Sodium		0.0500		**2.31**	2.500	0	92.3	85	115	07/15/2024

Batch 225657 **SampType:** MS Units **mg/L**
SampID: 24070879-001CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100	S	**62.8**	2.500	61.34	56.8	75	125	07/15/2024
Magnesium		0.050	S	**17.9**	2.500	16.08	72.2	75	125	07/15/2024
Potassium		0.100		**4.29**	2.500	1.925	94.7	75	125	07/15/2024
Sodium		0.050	S	**22.2**	2.500	20.87	54.4	75	125	07/15/2024

Batch 225657 **SampType:** MSD Units **mg/L** RPD Limit: **20**
SampID: 24070879-001CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Calcium		0.100	S	**62.9**	2.500	61.34	60.8	62.76	0.16	07/15/2024
Magnesium		0.050		**18.0**	2.500	16.08	76.1	17.88	0.53	07/15/2024
Potassium		0.100		**4.31**	2.500	1.925	95.4	4.291	0.44	07/15/2024
Sodium		0.050	S	**22.3**	2.500	20.87	56.4	22.23	0.22	07/15/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24061026

Client Project: NEW-24Q3 **Report Date:** 06-Sep-24

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

Batch 225657 **SampType:** MS Units **mg/L**

SampID: 24070981-002CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Iron		0.0400		**1.92**	2.000	0	95.8	75	125	07/15/2024
Manganese		0.0070		**0.555**	0.5000	0.06410	98.2	75	125	07/15/2024

Batch 225657 **SampType:** MSD Units **mg/L** RPD Limit: **20**

SampID: 24070981-002CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Iron		0.0400		**1.93**	2.000	0	96.4	1.915	0.67	07/15/2024
Manganese		0.0070		**0.559**	0.5000	0.06410	99.0	0.5553	0.65	07/15/2024

Batch 225657 **SampType:** MS Units **mg/L**

SampID: 24070982-002CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Iron		0.0400		**1.83**	2.000	0	91.3	75	125	07/15/2024
Manganese		0.0070		**0.600**	0.5000	0.1322	93.5	75	125	07/15/2024

Batch 225657 **SampType:** MSD Units **mg/L** RPD Limit: **20**

SampID: 24070982-002CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Iron		0.0400		**1.89**	2.000	0	94.3	1.826	3.22	07/15/2024
Manganese		0.0070		**0.615**	0.5000	0.1322	96.5	0.5995	2.54	07/15/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll **Work Order:** 24061026

Client Project: NEW-24Q3 **Report Date:** 06-Sep-24

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

Batch 224960 **SampType:** MBLK Units **mg/L**

SampID: MBLK-224960

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Cadmium		0.0020		**< 0.0020**	0.0005	0	0	-100	100	07/09/2024
Calcium		0.100		**< 0.100**	0.0350	0	0	-100	100	07/09/2024
Chromium		0.0050		**< 0.0050**	0.0028	0	0	-100	100	07/09/2024
Cobalt		0.0050		**< 0.0050**	0.0020	0	0	-100	100	07/09/2024
Lead		0.0150		**< 0.0150**	0.0014	0	0	-100	100	07/09/2024
Magnesium		0.0500		**< 0.0500**	0.0055	0	0	-100	100	07/09/2024
Molybdenum		0.0100		**< 0.0100**	0.0037	0	0	-100	100	07/09/2024
Potassium		0.100		**< 0.100**	0.0400	0	0	-100	100	07/09/2024
Selenium		0.0400		**< 0.0400**	0.0170	0	0	-100	100	07/09/2024
Silver		0.0070		**< 0.0070**	0.0027	0	0	-100	100	07/09/2024
Sodium		0.0500		**< 0.0500**	0.0180	0	0	-100	100	07/09/2024
Thallium		0.0500		**< 0.0500**	0.0111	0	0	-100	100	07/09/2024

Batch 224960 **SampType:** LCS Units **mg/L**

SampID: LCS-224960

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Cadmium		0.0020		**0.0485**	0.0500	0	97.0	85	115	07/09/2024
Calcium		0.100		**2.66**	2.500	0	106.5	85	115	07/09/2024
Chromium		0.0050		**0.210**	0.2000	0	104.8	85	115	07/09/2024
Cobalt		0.0050		**0.527**	0.5000	0	105.4	85	115	07/09/2024
Lead		0.0150		**0.514**	0.5000	0	102.8	85	115	07/09/2024
Magnesium		0.0500		**2.44**	2.500	0	97.5	85	115	07/09/2024
Molybdenum		0.0100		**0.508**	0.5000	0	101.6	85	115	07/09/2024
Potassium		0.100		**2.76**	2.500	0	110.5	85	115	07/09/2024
Selenium		0.0400		**0.505**	0.5000	0	101.0	85	115	07/09/2024
Silver		0.0070		**0.0528**	0.0500	0	105.6	85	115	07/09/2024
Sodium		0.0500		**2.73**	2.500	0	109.1	85	115	07/09/2024
Thallium		0.0500		**0.254**	0.2500	0	101.6	85	115	07/09/2024

Batch 224960 **SampType:** MS Units **mg/L**

SampID: 24070559-003BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Lead		0.0150		**1.00**	1.000	0	100.1	75	125	07/09/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24061026

Client Project: NEW-24Q3 **Report Date:** 06-Sep-24

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

Batch 224960 **SampType:** MSD Units **mg/L** RPD Limit: **20**

SampID: 24070559-003BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Lead		0.0150		**0.988**	1.000	0	98.8	1.001	1.30	07/09/2024

Batch 225284 **SampType:** MBLK Units **mg/L**

SampID: MBLK-225284

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	07/08/2024
Magnesium		0.0500		**< 0.0500**	0.0055	0	0	-100	100	07/08/2024
Potassium		0.100		**< 0.100**	0.0400	0	0	-100	100	07/08/2024
Sodium		0.0500		**< 0.0500**	0.0180	0	0	-100	100	07/08/2024

Batch 225284 **SampType:** LCS Units **mg/L**

SampID: LCS-225284

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		**2.59**	2.500	0	103.7	85	115	07/08/2024
Magnesium		0.0500		**2.36**	2.500	0	94.4	85	115	07/08/2024
Potassium		0.100		**2.66**	2.500	0	106.3	85	115	07/08/2024
Sodium		0.0500		**2.54**	2.500	0	101.6	85	115	07/08/2024

Batch 225284 **SampType:** MS Units **mg/L**

SampID: 24061026-058CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		**144**	2.500	142.1	79.2	75	125	07/08/2024
Magnesium		0.050		**59.3**	2.500	57.39	76.6	75	125	07/08/2024
Potassium		0.100		**7.04**	2.500	4.516	100.8	75	125	07/08/2024
Sodium		0.050		**126**	2.500	124.2	88.0	75	125	07/08/2024

Batch 225284 **SampType:** MSD Units **mg/L** RPD Limit: **20**

SampID: 24061026-058CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Calcium		0.100	S	**141**	2.500	142.1	-35.6	144.1	2.01	07/08/2024
Magnesium		0.050	S	**58.1**	2.500	57.39	29.7	59.31	2.00	07/08/2024
Potassium		0.100		**6.81**	2.500	4.516	91.9	7.037	3.22	07/08/2024
Sodium		0.050	S	**122**	2.500	124.2	-109.2	126.4	3.98	07/08/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24061026

Client Project: NEW-24Q3 **Report Date:** 06-Sep-24

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

Batch 225498 **SampType:** MBLK Units **mg/L**

SampID: MBLK-225498

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	07/11/2024
Magnesium		0.0500		**< 0.0500**	0.0055	0	0	-100	100	07/11/2024
Molybdenum		0.0100		**< 0.0100**	0.0037	0	0	-100	100	07/11/2024
Potassium		0.100		**< 0.100**	0.0400	0	0	-100	100	07/11/2024
Selenium		0.0400		**< 0.0400**	0.0170	0	0	-100	100	07/11/2024
Silver		0.0070		**< 0.0070**	0.0027	0	0	-100	100	07/11/2024
Sodium		0.0500		**< 0.0500**	0.0180	0	0	-100	100	07/11/2024
Thallium		0.0500		**< 0.0500**	0.0111	0	0	-100	100	07/11/2024

Batch 225498 **SampType:** LCS Units **mg/L**

SampID: LCS-225498

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		**2.56**	2.500	0	102.4	85	115	07/11/2024
Magnesium		0.0500		**2.41**	2.500	0	96.6	85	115	07/11/2024
Molybdenum		0.0100		**0.502**	0.5000	0	100.3	85	115	07/11/2024
Potassium		0.100		**2.64**	2.500	0	105.6	85	115	07/11/2024
Selenium		0.0400		**0.515**	0.5000	0	103.1	85	115	07/11/2024
Silver		0.0070		**0.0527**	0.0500	0	105.4	85	115	07/11/2024
Sodium		0.0500		**2.64**	2.500	0	105.7	85	115	07/11/2024
Thallium		0.0500		**0.250**	0.2500	0	99.9	85	115	07/11/2024

Batch 225498 **SampType:** MS Units **mg/L**

SampID: 24061026-017BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		**137**	2.500	134.9	89.2	75	125	07/11/2024
Magnesium		0.050		**68.2**	2.500	65.90	93.6	75	125	07/11/2024
Potassium		0.100		**4.38**	2.500	1.696	107.5	75	125	07/11/2024
Sodium		0.050	S	**135**	2.500	131.4	162.4	75	125	07/11/2024

Batch 225498 **SampType:** MSD Units **mg/L** RPD Limit: **20**

SampID: 24061026-017BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Calcium		0.100		**137**	2.500	134.9	94.8	137.1	0.10	07/11/2024
Magnesium		0.050		**68.4**	2.500	65.90	100.2	68.23	0.24	07/11/2024
Potassium		0.100		**4.40**	2.500	1.696	108.0	4.384	0.30	07/11/2024
Sodium		0.050	S	**135**	2.500	131.4	158.8	135.4	0.07	07/11/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24061026

Client Project: NEW-24Q3 **Report Date:** 06-Sep-24

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

Batch 225498 **SampType:** MS Units **mg/L**

SampID: 24061026-060CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100	S	**120**	2.500	114.5	233.6	75	125	07/11/2024
Magnesium		0.050	S	**47.3**	2.500	43.73	144.6	75	125	07/11/2024
Potassium		0.100		**5.86**	2.500	3.113	109.8	75	125	07/11/2024
Sodium		0.050	S	**92.7**	2.500	87.51	208.4	75	125	07/11/2024

Batch 225498 **SampType:** MSD Units **mg/L** RPD Limit: **20**

SampID: 24061026-060CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Calcium		0.100	S	**120**	2.500	114.5	204.0	120.4	0.62	07/11/2024
Magnesium		0.050	S	**46.9**	2.500	43.73	127.1	47.34	0.93	07/11/2024
Potassium		0.100		**5.87**	2.500	3.113	110.2	5.858	0.18	07/11/2024
Sodium		0.050	S	**92.1**	2.500	87.51	183.2	92.72	0.68	07/11/2024

Batch 225566 **SampType:** MBLK Units **mg/L**

SampID: MBLK-225566

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	07/12/2024
Magnesium		0.0500		**< 0.0500**	0.0055	0	0	-100	100	07/12/2024
Potassium		0.100		**< 0.100**	0.0400	0	0	-100	100	07/12/2024
Sodium		0.0500		**< 0.0500**	0.0180	0	0	-100	100	07/12/2024

Batch 225566 **SampType:** LCS Units **mg/L**

SampID: LCS-225566

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		**2.42**	2.500	0	96.7	85	115	07/12/2024
Magnesium		0.0500		**2.41**	2.500	0	96.4	85	115	07/12/2024
Potassium		0.100		**2.65**	2.500	0	106.1	85	115	07/12/2024
Sodium		0.0500		**2.59**	2.500	0	103.6	85	115	07/12/2024

Batch 225566 **SampType:** MS Units **mg/L**

SampID: 24061026-022BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100	S	**122**	2.500	115.7	241.6	75	125	07/12/2024
Magnesium		0.050	S	**55.2**	2.500	51.42	150.7	75	125	07/12/2024
Potassium		0.100		**6.05**	2.500	3.159	115.8	75	125	07/12/2024
Sodium		0.050	S	**160**	2.500	153.5	280.8	75	125	07/12/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24061026

Client Project: NEW-24Q3 **Report Date:** 06-Sep-24

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

Batch 225566 **SampType:** MSD Units **mg/L** RPD Limit: **20**

SampID: 24061026-022BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Calcium		0.100	S	**121**	2.500	115.7	196.0	121.8	0.94	07/12/2024
Magnesium		0.050	S	**54.6**	2.500	51.42	126.9	55.19	1.09	07/12/2024
Potassium		0.100		**6.01**	2.500	3.159	113.9	6.054	0.79	07/12/2024
Sodium		0.050	S	**160**	2.500	153.5	261.6	160.5	0.30	07/12/2024

Batch 225659 **SampType:** MBLK Units **mg/L**

SampID: MBLK-225659

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	07/16/2024
Lead		0.0150		**< 0.0150**	0.0040	0	0	-100	100	07/16/2024
Magnesium		0.0500		**< 0.0500**	0.0055	0	0	-100	100	07/16/2024
Potassium		0.100		**< 0.100**	0.0400	0	0	-100	100	07/16/2024
Sodium		0.0500		**< 0.0500**	0.0180	0	0	-100	100	07/16/2024

Batch 225659 **SampType:** LCS Units **mg/L**

SampID: LCS-225659

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		**2.55**	2.500	0	102.0	85	115	07/16/2024
Lead		0.0150		**0.535**	0.5000	0	106.9	85	115	07/16/2024
Magnesium		0.0500		**2.48**	2.500	0	99.1	85	115	07/16/2024
Potassium		0.100		**2.71**	2.500	0	108.4	85	115	07/16/2024
Sodium		0.0500		**2.57**	2.500	0	102.6	85	115	07/16/2024

Batch 225659 **SampType:** MS Units **mg/L**

SampID: 24070962-001BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Arsenic		0.0250		**0.529**	0.5000	0	105.8	75	125	07/16/2024
Lead		0.0150		**0.515**	0.5000	0	103.1	75	125	07/16/2024

Batch 225659 **SampType:** MSD Units **mg/L** RPD Limit: **20**

SampID: 24070962-001BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Arsenic		0.0250		**0.530**	0.5000	0	106.0	0.5288	0.19	07/16/2024
Lead		0.0150		**0.507**	0.5000	0	101.4	0.5154	1.62	07/16/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll **Work Order:** 24061026

Client Project: NEW-24Q3 **Report Date:** 06-Sep-24

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

Batch 226569 **SampType:** MBLK Units **mg/L**
SampID: MBLK-226569

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		**< 0.100**	0.0350	0	0	-100	100	08/05/2024
Magnesium		0.0500		**< 0.0500**	0.0055	0	0	-100	100	08/05/2024
Potassium		0.100		**< 0.100**	0.0400	0	0	-100	100	08/05/2024
Sodium		0.0500		**< 0.0500**	0.0180	0	0	-100	100	08/05/2024

Batch 226569 **SampType:** LCS Units **mg/L**
SampID: LCS-226569

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		**2.76**	2.500	0	110.5	85	115	08/05/2024
Magnesium		0.0500		**2.60**	2.500	0	104.1	85	115	08/05/2024
Potassium		0.100		**2.76**	2.500	0	110.3	85	115	08/05/2024
Sodium		0.0500		**2.75**	2.500	0	110.2	85	115	08/05/2024

Batch 226569 **SampType:** MS Units **mg/L**
SampID: 24071451-035CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100	S	**61.9**	2.500	56.00	234.8	75	125	08/05/2024
Magnesium		0.050	S	**31.2**	2.500	26.92	169.2	75	125	08/05/2024
Potassium		0.100		**3.38**	2.500	0.5302	114.1	75	125	08/05/2024
Sodium		0.050	S	**68.5**	2.500	63.24	209.2	75	125	08/05/2024

Batch 226569 **SampType:** MSD Units **mg/L** RPD Limit: **20**
SampID: 24071451-035CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Calcium		0.100	S	**60.3**	2.500	56.00	172.4	61.87	2.55	08/05/2024
Magnesium		0.050	S	**30.2**	2.500	26.92	132.2	31.15	3.02	08/05/2024
Potassium		0.100		**3.29**	2.500	0.5302	110.4	3.384	2.79	08/05/2024
Sodium		0.050	S	**66.6**	2.500	63.24	136.0	68.47	2.71	08/05/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24061026

Client Project: NEW-24Q3 **Report Date:** 06-Sep-24

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

Batch 226925 **SampType:** MBLK Units **mg/L**

SampID: MBLK-226925

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		**< 0.100**	0.0350	0	0	-100	100	08/13/2024
Calcium		0.100		**< 0.100**	0.0350	0	0	-100	100	08/12/2024
Magnesium		0.0500		**< 0.0500**	0.0055	0	0	-100	100	08/13/2024
Magnesium		0.0500		**< 0.0500**	0.0055	0	0	-100	100	08/12/2024
Potassium		0.100		**< 0.100**	0.0400	0	0	-100	100	08/13/2024
Potassium		0.100		**< 0.100**	0.0400	0	0	-100	100	08/12/2024
Sodium		0.0500		**< 0.0500**	0.0180	0	0	-100	100	08/13/2024
Sodium		0.0500		**< 0.0500**	0.0180	0	0	-100	100	08/12/2024

Batch 226925 **SampType:** LCS Units **mg/L**

SampID: LCS-226925

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		**2.66**	2.500	0	106.3	85	115	08/13/2024
Calcium		0.100		**2.65**	2.500	0	106.0	85	115	08/12/2024
Magnesium		0.0500		**2.38**	2.500	0	95.2	85	115	08/13/2024
Magnesium		0.0500		**2.38**	2.500	0	95.2	85	115	08/12/2024
Potassium		0.100		**2.68**	2.500	0	107.1	85	115	08/12/2024
Potassium		0.100		**2.73**	2.500	0	109.3	85	115	08/13/2024
Sodium		0.0500		**2.70**	2.500	0	108.0	85	115	08/13/2024
Sodium		0.0500		**2.64**	2.500	0	105.8	85	115	08/12/2024

Batch 226933 **SampType:** MBLK Units **mg/L**

SampID: MBLK-226933

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		**< 0.100**	0.0350	0	0	-100	100	08/14/2024
Calcium		0.100		**< 0.100**	0.0350	0	0	-100	100	08/12/2024
Calcium		0.100		**< 0.100**	0.0350	0	0	-100	100	08/13/2024
Magnesium		0.0500		**< 0.0500**	0.0055	0	0	-100	100	08/14/2024
Magnesium		0.0500		**< 0.0500**	0.0055	0	0	-100	100	08/13/2024
Potassium		0.100		**< 0.100**	0.0400	0	0	-100	100	08/14/2024
Potassium		0.100		**< 0.100**	0.0400	0	0	-100	100	08/13/2024
Potassium		0.100		**< 0.100**	0.0400	0	0	-100	100	08/12/2024
Sodium		0.0500		**< 0.0500**	0.0180	0	0	-100	100	08/13/2024
Sodium		0.0500		**< 0.0500**	0.0180	0	0	-100	100	08/14/2024
Sodium		0.0500		**< 0.0500**	0.0180	0	0	-100	100	08/12/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24061026

Client Project: NEW-24Q3 **Report Date:** 06-Sep-24

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

Batch 226933 **SampType:** LCS Units **mg/L**

SampID: LCS-226933

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	08/14/2024
Calcium		0.100		**2.55**	2.500	0	101.8	85	115	08/13/2024
Calcium		0.100		**2.57**	2.500	0	102.6	85	115	08/12/2024
Magnesium		0.0500		**2.31**	2.500	0	92.4	85	115	08/13/2024
Magnesium		0.0500		**2.30**	2.500	0	91.9	85	115	08/14/2024
Potassium		0.100		**2.66**	2.500	0	106.3	85	115	08/12/2024
Potassium		0.100		**2.64**	2.500	0	105.7	85	115	08/13/2024
Potassium		0.100		**2.66**	2.500	0	106.4	85	115	08/14/2024
Sodium		0.0500		**2.53**	2.500	0	101.2	85	115	08/14/2024
Sodium		0.0500		**2.61**	2.500	0	104.3	85	115	08/13/2024
Sodium		0.0500		**2.60**	2.500	0	104.0	85	115	08/12/2024

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

Batch 225285 **SampType:** MBLK Units **µg/L**

SampID: MBLK-225285

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		1.0		**< 1.0**	0.4500	0	0	-100	100	07/05/2024
Arsenic		1.0		**< 1.0**	0.3750	0	0	-100	100	07/05/2024
Boron		25.0		**< 25.0**	9.250	0	0	-100	100	07/05/2024
Cadmium	*	1.0		**< 1.0**	0.1340	0	0	-100	100	07/05/2024
Chromium		1.5		**< 1.5**	0.7000	0	0	-100	100	07/05/2024
Iron		25.0		**< 25.0**	11.50	0	0	-100	100	07/05/2024
Lead		1.0		**< 1.0**	0.6000	0	0	-100	100	07/05/2024
Selenium		1.0		**< 1.0**	0.6000	0	0	-100	100	07/05/2024
Vanadium		5.0		**< 5.0**	5.000	0	0	-100	100	07/05/2024
Zinc		15.0		**< 15.0**	5.900	0	0	-100	100	07/05/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll **Work Order:** 24061026

Client Project: NEW-24Q3 **Report Date:** 06-Sep-24

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

Batch 225285 **SampType:** LCS Units **µg/L**

SampID: LCS-225285

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		1.0		**415**	500.0	0	83.1	80	120	07/05/2024
Arsenic		1.0		**443**	500.0	0	88.5	80	120	07/05/2024
Boron		25.0		**451**	500.0	0	90.2	80	120	07/05/2024
Cadmium	*	1.0		**50.3**	50.00	0	100.6	80	120	07/05/2024
Chromium		1.5		**183**	200.0	0	91.7	80	120	07/05/2024
Iron		25.0		**1690**	2000	0	84.3	80	120	07/05/2024
Lead		1.0		**456**	500.0	0	91.3	80	120	07/05/2024
Selenium		1.0		**431**	500.0	0	86.1	80	120	07/05/2024
Vanadium		5.0		**443**	500.0	0	88.5	80	120	07/05/2024
Zinc		15.0		**442**	500.0	0	88.4	80	120	07/05/2024

Batch 225285 **SampType:** MS Units **µg/L**

SampID: 24061026-010CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Arsenic		1.0		**450**	500.0	12.48	87.4	75	125	07/06/2024
Iron		25.0	S	**3370**	2000	2267	55.2	75	125	07/08/2024

Batch 225285 **SampType:** MSD Units **µg/L** RPD Limit: **20**

SampID: 24061026-010CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Arsenic		1.0		**446**	500.0	12.48	86.7	449.7	0.87	07/06/2024
Iron		25.0	S	**3600**	2000	2267	66.4	3372	6.42	07/08/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll **Work Order:** 24061026

Client Project: NEW-24Q3 **Report Date:** 06-Sep-24

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

Batch 225411 **SampType:** MBLK Units µg/L
SampID: MBLK-225411

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		1.0	S	**1.2**	0.4500	0	277.8	-100	100	07/09/2024
Arsenic		1.0		**< 1.0**	0.3750	0	0	-100	100	07/09/2024
Boron		25.0		**< 25.0**	9.250	0	0	-100	100	07/09/2024
Cadmium	*	1.0		**< 1.0**	0.1340	0	0	-100	100	07/09/2024
Chromium		1.5		**< 1.5**	0.7000	0	0	-100	100	07/09/2024
Iron		25.0		**< 25.0**	11.50	0	0	-100	100	07/09/2024
Lead		1.0		**< 1.0**	0.6000	0	0	-100	100	07/09/2024
Manganese		2.0		**< 2.0**	0.7500	0	0	-100	100	07/09/2024
Selenium		1.0		**< 1.0**	0.6000	0	0	-100	100	07/09/2024
Vanadium		5.0		**< 5.0**	5.000	0	0	-100	100	07/09/2024
Zinc		15.0		**< 15.0**	5.900	0	0	-100	100	07/09/2024

Batch 225411 **SampType:** LCS Units µg/L
SampID: LCS-225411

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		1.0	B	**438**	500.0	0	87.5	80	120	07/09/2024
Arsenic		1.0		**470**	500.0	0	93.9	80	120	07/09/2024
Boron		25.0		**437**	500.0	0	87.3	80	120	07/09/2024
Cadmium	*	1.0		**46.4**	50.00	0	92.7	80	120	07/09/2024
Chromium		1.5		**190**	200.0	0	95.2	80	120	07/09/2024
Iron		25.0		**1930**	2000	0	96.4	80	120	07/09/2024
Lead		1.0		**436**	500.0	0	87.2	80	120	07/09/2024
Manganese		2.0		**469**	500.0	0	93.9	80	120	07/09/2024
Selenium		1.0		**448**	500.0	0	89.6	80	120	07/09/2024
Vanadium		5.0		**468**	500.0	0	93.6	80	120	07/09/2024
Zinc		15.0		**452**	500.0	0	90.4	80	120	07/09/2024

Batch 225411 **SampType:** MS Units µg/L
SampID: 24061026-005DMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Iron		25.0		**1860**	2000	12.03	92.6	75	125	07/09/2024
Manganese		2.0		**488**	500.0	23.18	93.0	75	125	07/09/2024
Zinc		15.0		**458**	500.0	7.857	90.0	75	125	07/09/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll **Work Order:** 24061026

Client Project: NEW-24Q3 **Report Date:** 06-Sep-24

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

Batch 225411 **SampType:** MSD Units **µg/L** RPD Limit: **20**

SampID: 24061026-005DMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Iron		25.0		**1890**	2000	12.03	93.8	1865	1.26	07/09/2024
Manganese		2.0		**472**	500.0	23.18	89.7	488.3	3.47	07/09/2024
Zinc		15.0		**453**	500.0	7.857	89.0	458.0	1.11	07/09/2024

Batch 225500 **SampType:** MBLK Units **µg/L**

SampID: MBLK-225500

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		1.0		**< 1.0**	0.4500	0	0	-100	100	07/10/2024
Arsenic		1.0		**< 1.0**	0.3750	0	0	-100	100	07/10/2024
Boron		25.0		**< 25.0**	9.250	0	0	-100	100	07/10/2024
Cadmium	*	1.0		**< 1.0**	0.1340	0	0	-100	100	07/10/2024
Chromium		1.5		**< 1.5**	0.7000	0	0	-100	100	07/10/2024
Iron		25.0		**< 25.0**	11.50	0	0	-100	100	07/10/2024
Lead		1.0		**< 1.0**	0.6000	0	0	-100	100	07/10/2024
Manganese		2.0		**< 2.0**	0.7500	0	0	-100	100	07/10/2024
Selenium		1.0		**< 1.0**	0.6000	0	0	-100	100	07/10/2024
Vanadium		5.0		**< 5.0**	5.000	0	0	-100	100	07/10/2024
Zinc		15.0		**< 15.0**	5.900	0	0	-100	100	07/10/2024

Batch 225500 **SampType:** LCS Units **µg/L**

SampID: LCS-225500

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		1.0		**445**	500.0	0	88.9	80	120	07/10/2024
Arsenic		1.0		**462**	500.0	0	92.4	80	120	07/10/2024
Boron		25.0		**424**	500.0	0	84.7	80	120	07/10/2024
Cadmium	*	1.0		**45.2**	50.00	0	90.3	80	120	07/10/2024
Chromium		1.5		**190**	200.0	0	94.8	80	120	07/10/2024
Iron		25.0		**2080**	2000	0	104.2	80	120	07/10/2024
Lead		1.0		**450**	500.0	0	89.9	80	120	07/10/2024
Manganese		2.0		**471**	500.0	0	94.2	80	120	07/10/2024
Selenium		1.0		**463**	500.0	0	92.6	80	120	07/10/2024
Vanadium		5.0		**462**	500.0	0	92.5	80	120	07/10/2024
Zinc		15.0		**450**	500.0	0	89.9	80	120	07/10/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24061026

Client Project: NEW-24Q3 **Report Date:** 06-Sep-24

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

Batch 225500 **SampType:** MS Units **µg/L**

SampID: 24061026-045CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Arsenic		1.0		**506**	500.0	0	101.2	75	125	07/10/2024
Boron		25.0		**553**	500.0	29.64	104.7	75	125	07/10/2024
Cadmium	*	1.0		**48.4**	50.00	0	96.9	75	125	07/10/2024
Chromium		1.5		**197**	200.0	0.8586	98.3	75	125	07/10/2024
Iron		25.0		**2150**	2000	146.6	100.3	75	125	07/10/2024
Lead		1.0		**475**	500.0	0	95.1	75	125	07/10/2024
Manganese		2.0		**636**	500.0	136.1	100.1	75	125	07/10/2024
Selenium		1.0		**488**	500.0	0	97.7	75	125	07/10/2024
Zinc		15.0		**464**	500.0	0	92.9	75	125	07/10/2024

Batch 225500 **SampType:** MSD Units **µg/L** RPD Limit: **20**

SampID: 24061026-045CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Arsenic		1.0		**463**	500.0	0	92.5	506.2	8.98	07/10/2024
Boron		25.0		**506**	500.0	29.64	95.4	553.0	8.79	07/10/2024
Cadmium	*	1.0		**44.2**	50.00	0	88.3	48.44	9.23	07/10/2024
Chromium		1.5		**181**	200.0	0.8586	90.0	197.5	8.77	07/10/2024
Iron		25.0		**1980**	2000	146.6	91.7	2153	8.29	07/10/2024
Lead		1.0		**455**	500.0	0	90.9	475.4	4.49	07/10/2024
Manganese		2.0		**577**	500.0	136.1	88.2	636.4	9.74	07/10/2024
Selenium		1.0		**450**	500.0	0	90.0	488.4	8.17	07/10/2024
Zinc		15.0		**434**	500.0	0	86.8	464.4	6.75	07/10/2024

Batch 225500 **SampType:** MS Units **µg/L**

SampID: 24061026-061DMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		1.0		**467**	500.0	0	93.4	75	125	07/10/2024
Arsenic		1.0		**495**	500.0	5.936	97.8	75	125	07/10/2024
Boron		25.0		**607**	500.0	94.35	102.6	75	125	07/10/2024
Cadmium	*	1.0		**48.4**	50.00	0	96.9	75	125	07/10/2024
Chromium		1.5		**193**	200.0	0.7735	95.9	75	125	07/10/2024
Lead		1.0		**476**	500.0	0	95.3	75	125	07/10/2024
Selenium		1.0		**459**	500.0	0	91.8	75	125	07/10/2024
Vanadium		5.0		**487**	500.0	0	97.3	75	125	07/10/2024
Zinc		15.0		**472**	500.0	0	94.3	75	125	07/10/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll **Work Order:** 24061026

Client Project: NEW-24Q3 **Report Date:** 06-Sep-24

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

Batch 225500 **SampType:** MSD Units **µg/L** RPD Limit: **20**

SampID: 24061026-061DMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Antimony		1.0		**506**	500.0	0	101.1	467.1	7.90	07/10/2024
Arsenic		1.0		**503**	500.0	5.936	99.4	494.9	1.62	07/10/2024
Boron		25.0		**638**	500.0	94.35	108.7	607.1	4.95	07/10/2024
Cadmium	*	1.0		**49.6**	50.00	0	99.2	48.44	2.38	07/10/2024
Chromium		1.5		**199**	200.0	0.7735	98.9	192.5	3.14	07/10/2024
Lead		1.0		**499**	500.0	0	99.7	476.3	4.58	07/10/2024
Selenium		1.0		**466**	500.0	0	93.2	458.8	1.57	07/10/2024
Vanadium		5.0		**498**	500.0	0	99.5	486.7	2.20	07/10/2024
Zinc		15.0		**473**	500.0	0	94.6	471.6	0.34	07/10/2024

Batch 225569 **SampType:** MBLK Units **µg/L**

SampID: MBLK-225569

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		1.0		**< 1.0**	0.4500	0	0	-100	100	07/11/2024
Arsenic		1.0		**< 1.0**	0.3750	0	0	-100	100	07/11/2024
Boron		25.0		**< 25.0**	9.250	0	0	-100	100	07/15/2024
Cadmium	*	1.0		**< 1.0**	0.1340	0	0	-100	100	07/11/2024
Chromium		1.5		**< 1.5**	0.7000	0	0	-100	100	07/11/2024
Iron		25.0		**< 25.0**	11.50	0	0	-100	100	07/11/2024
Lead		1.0		**< 1.0**	0.6000	0	0	-100	100	07/11/2024
Manganese		2.0		**< 2.0**	0.7500	0	0	-100	100	07/11/2024
Selenium		1.0		**< 1.0**	0.6000	0	0	-100	100	07/11/2024
Vanadium		5.0		**< 5.0**	5.000	0	0	-100	100	07/11/2024
Zinc		15.0		**< 15.0**	5.900	0	0	-100	100	07/11/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24061026

Client Project: NEW-24Q3 **Report Date:** 06-Sep-24

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

Batch 225569 **SampType:** LCS Units **µg/L**

SampID: LCS-225569

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		1.0		**424**	500.0	0	84.8	80	120	07/11/2024
Arsenic		1.0		**432**	500.0	0	86.3	80	120	07/11/2024
Boron		25.0		**449**	500.0	0	89.8	80	120	07/15/2024
Cadmium	*	1.0		**43.4**	50.00	0	86.9	80	120	07/11/2024
Chromium		1.5		**179**	200.0	0	89.5	80	120	07/11/2024
Iron		25.0		**1750**	2000	0	87.4	80	120	07/11/2024
Lead		1.0		**437**	500.0	0	87.5	80	120	07/11/2024
Manganese		2.0		**441**	500.0	0	88.2	80	120	07/11/2024
Selenium		1.0		**430**	500.0	0	86.1	80	120	07/11/2024
Vanadium		5.0		**437**	500.0	0	87.4	80	120	07/11/2024
Zinc		15.0		**440**	500.0	0	88.0	80	120	07/11/2024

Batch 225569 **SampType:** MS Units **µg/L**

SampID: 24061026-043CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Arsenic		1.0		**434**	500.0	0	86.8	75	125	07/12/2024
Boron		50.0		**451**	500.0	0	90.1	75	125	07/15/2024
Cadmium	*	1.0		**40.2**	50.00	0	80.4	75	125	07/12/2024
Chromium		3.0		**172**	200.0	1.888	85.2	75	125	07/16/2024
Iron		50.0		**1830**	2000	0	91.4	75	125	07/16/2024
Lead		1.0		**437**	500.0	0	87.5	75	125	07/12/2024
Manganese		4.0		**532**	500.0	89.66	88.5	75	125	07/15/2024
Selenium		1.0		**433**	500.0	0	86.5	75	125	07/12/2024
Zinc		30.0		**441**	500.0	0	88.2	75	125	07/15/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24061026

Client Project: NEW-24Q3 **Report Date:** 06-Sep-24

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

Batch 225569 **SampType:** MSD Units **µg/L** RPD Limit: **20**

SampID: 24061026-043CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Arsenic		1.0		**457**	500.0	0	91.4	434.0	5.15	07/12/2024
Boron		50.0		**453**	500.0	0	90.6	450.7	0.46	07/15/2024
Cadmium	*	1.0		**42.6**	50.00	0	85.2	40.20	5.75	07/12/2024
Chromium		3.0		**182**	200.0	1.888	89.8	172.3	5.24	07/16/2024
Iron		50.0		**1900**	2000	0	95.1	1828	3.93	07/16/2024
Lead		1.0		**453**	500.0	0	90.5	437.3	3.42	07/12/2024
Manganese		4.0		**529**	500.0	89.66	88.0	532.1	0.49	07/15/2024
Selenium		1.0		**458**	500.0	0	91.7	432.7	5.78	07/12/2024
Zinc		30.0		**444**	500.0	0	88.8	440.8	0.75	07/15/2024

Batch 225569 **SampType:** MS Units **µg/L**

SampID: 24061026-059DMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		1.0		**453**	500.0	0	90.5	75	125	07/12/2024
Arsenic		1.0		**453**	500.0	9.716	88.6	75	125	07/12/2024
Boron		25.0		**511**	500.0	91.60	83.8	75	125	07/15/2024
Cadmium	*	1.0		**42.7**	50.00	0	85.3	75	125	07/12/2024
Chromium		1.5		**178**	200.0	1.124	88.5	75	125	07/12/2024
Lead		1.0		**445**	500.0	0	89.0	75	125	07/12/2024
Selenium		1.0		**448**	500.0	0	89.6	75	125	07/12/2024
Vanadium		5.0		**427**	500.0	0	85.5	75	125	07/12/2024
Zinc		15.0		**417**	500.0	0	83.5	75	125	07/12/2024

Batch 225569 **SampType:** MSD Units **µg/L** RPD Limit: **20**

SampID: 24061026-059DMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Antimony		1.0		**436**	500.0	0	87.2	452.6	3.76	07/12/2024
Arsenic		1.0		**455**	500.0	9.716	89.0	452.6	0.46	07/12/2024
Boron		25.0		**539**	500.0	91.60	89.4	510.5	5.39	07/15/2024
Cadmium	*	1.0		**41.5**	50.00	0	83.0	42.66	2.78	07/12/2024
Chromium		1.5		**173**	200.0	1.124	86.2	178.1	2.67	07/12/2024
Lead		1.0		**432**	500.0	0	86.4	445.1	2.95	07/12/2024
Selenium		1.0		**454**	500.0	0	90.7	448.1	1.24	07/12/2024
Vanadium		5.0		**425**	500.0	0	85.1	427.3	0.46	07/12/2024
Zinc		15.0		**424**	500.0	0	84.9	417.5	1.64	07/12/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24061026

Client Project: NEW-24Q3 **Report Date:** 06-Sep-24

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

Batch 225657 **SampType:** MBLK Units µg/L

SampID: MBLK-225657

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		1.0		< 1.0	0.4500	0	0	-100	100	07/15/2024
Arsenic		1.0		< 1.0	0.3750	0	0	-100	100	07/15/2024
Boron		25.0		< 25.0	9.250	0	0	-100	100	07/15/2024
Cadmium	*	1.0		< 1.0	0.1340	0	0	-100	100	07/15/2024
Chromium		1.5		< 1.5	0.7000	0	0	-100	100	07/15/2024
Iron		25.0		< 25.0	11.50	0	0	-100	100	07/15/2024
Lead		1.0		< 1.0	0.6000	0	0	-100	100	07/15/2024
Manganese		2.0		< 2.0	0.7500	0	0	-100	100	07/15/2024
Selenium		1.0		< 1.0	0.6000	0	0	-100	100	07/15/2024
Vanadium		5.0		< 5.0	5.000	0	0	-100	100	07/15/2024
Zinc		15.0		< 15.0	5.900	0	0	-100	100	07/15/2024

Batch 225657 **SampType:** LCS Units µg/L

SampID: LCS-225657

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		1.0		444	500.0	0	88.8	80	120	07/15/2024
Arsenic		1.0		449	500.0	0	89.9	80	120	07/15/2024
Boron		25.0		427	500.0	0	85.4	80	120	07/15/2024
Cadmium	*	1.0		44.1	50.00	0	88.3	80	120	07/15/2024
Chromium		1.5		175	200.0	0	87.4	80	120	07/15/2024
Iron		25.0		1880	2000	0	93.9	80	120	07/16/2024
Lead		1.0		439	500.0	0	87.8	80	120	07/15/2024
Manganese		2.0		467	500.0	0	93.3	80	120	07/15/2024
Selenium		1.0		461	500.0	0	92.2	80	120	07/15/2024
Vanadium		5.0		430	500.0	0	86.0	80	120	07/15/2024
Zinc		15.0		446	500.0	0	89.2	80	120	07/15/2024

Batch 225657 **SampType:** MS Units µg/L

SampID: 24070879-001CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		1.0		482	500.0	0	96.3	75	125	07/15/2024
Arsenic		1.0		470	500.0	3.960	93.2	75	125	07/15/2024
Lead		1.0		447	500.0	0	89.4	75	125	07/15/2024
Selenium		1.0		463	500.0	0.8546	92.5	75	125	07/15/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll **Work Order:** 24061026

Client Project: NEW-24Q3 **Report Date:** 06-Sep-24

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

Batch 225657 **SampType:** MSD Units µg/L RPD Limit: 20

SampID: 24070879-001CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Antimony		1.0		**507**	500.0	0	101.4	481.7	5.15	07/15/2024
Arsenic		1.0		**476**	500.0	3.960	94.5	470.2	1.31	07/15/2024
Lead		1.0		**478**	500.0	0	95.6	447.0	6.67	07/15/2024
Selenium		1.0		**470**	500.0	0.8546	93.9	463.5	1.42	07/15/2024

Batch 225949 **SampType:** MBLK Units µg/L

SampID: MBLK-225949

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Boron		25.0		**< 25.0**	9.250	0	0	-100	100	07/22/2024
Iron		25.0		**< 25.0**	11.50	0	0	-100	100	07/23/2024
Manganese		2.0		**< 2.0**	0.7500	0	0	-100	100	07/22/2024

Batch 225949 **SampType:** LCS Units µg/L

SampID: LCS-225949

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Boron		25.0		**414**	500.0	0	82.9	80	120	07/22/2024
Iron		25.0		**1980**	2000	0	98.9	80	120	07/23/2024
Manganese		2.0		**422**	500.0	0	84.5	80	120	07/22/2024

Batch 225949 **SampType:** MS Units µg/L

SampID: 24061026-013CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Iron		25.0		**1900**	2000	0	95.2	75	125	07/23/2024
Manganese		2.0		**709**	500.0	289.6	83.9	75	125	07/22/2024

Batch 225949 **SampType:** MSD Units µg/L RPD Limit: 20

SampID: 24061026-013CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Iron		25.0		**1940**	2000	0	96.8	1905	1.60	07/23/2024
Manganese		2.0		**715**	500.0	289.6	85.1	709.4	0.79	07/22/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll **Work Order:** 24061026

Client Project: NEW-24Q3 **Report Date:** 06-Sep-24

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

Batch 226587 **SampType:** MBLK Units **µg/L**
SampID: MBLK-226587

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		1.0	S	**1.3**	0.4500	0	299.5	-100	100	08/02/2024
Iron		25.0		**< 25.0**	11.50	0	0	-100	100	08/02/2024
Manganese		2.0		**< 2.0**	0.7500	0	0	-100	100	08/02/2024
Zinc		15.0		**< 15.0**	5.900	0	0	-100	100	08/02/2024

Batch 226587 **SampType:** LCS Units **µg/L**
SampID: LCS-226587

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		1.0	B	**464**	500.0	0	92.7	80	120	08/02/2024
Iron		25.0		**2100**	2000	0	104.9	80	120	08/02/2024
Manganese		2.0		**500**	500.0	0	100.0	80	120	08/02/2024
Zinc		15.0		**509**	500.0	0	101.7	80	120	08/02/2024

Batch 226897 **SampType:** MBLK Units **µg/L**
SampID: MBLK-226897

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Arsenic		1.0		**< 1.0**	0.3750	0	0	-100	100	08/09/2024
Cadmium	*	1.0		**< 1.0**	0.1340	0	0	-100	100	08/09/2024
Iron		25.0		**< 25.0**	11.50	0	0	-100	100	08/09/2024
Lead		1.0		**< 1.0**	0.6000	0	0	-100	100	08/09/2024
Manganese		2.0		**< 2.0**	0.7500	0	0	-100	100	08/09/2024
Zinc		15.0		**< 15.0**	5.900	0	0	-100	100	08/09/2024

Batch 226897 **SampType:** LCS Units **µg/L**
SampID: LCS-226897

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Arsenic		1.0		**488**	500.0	0	97.6	80	120	08/09/2024
Cadmium	*	1.0		**46.3**	50.00	0	92.6	80	120	08/09/2024
Iron		25.0		**1970**	2000	0	98.5	80	120	08/09/2024
Lead		1.0		**441**	500.0	0	88.2	80	120	08/09/2024
Manganese		2.0		**483**	500.0	0	96.7	80	120	08/09/2024
Zinc		15.0		**468**	500.0	0	93.5	80	120	08/09/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24061026

Client Project: NEW-24Q3 **Report Date:** 06-Sep-24

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

Batch 226897 **SampType:** MS Units **µg/L**
SampID: 24080004-006DMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Arsenic		1.0		**493**	500.0	13.61	96.0	75	125	08/09/2024

Batch 226897 **SampType:** MSD Units **µg/L** RPD Limit: **20**
SampID: 24080004-006DMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Arsenic		1.0		**500**	500.0	13.61	97.4	493.5	1.41	08/09/2024

Batch 227702 **SampType:** MBLK Units **µg/L**
SampID: MBLK-227702

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		1.0		**< 1.0**	0.4500	0	0	-100	100	08/28/2024
Lead		1.0		**< 1.0**	0.6000	0	0	-100	100	08/28/2024
Manganese		2.0		**< 2.0**	0.7500	0	0	-100	100	08/28/2024

Batch 227702 **SampType:** LCS Units **µg/L**
SampID: LCS-227702

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		1.0		**439**	500.0	0	87.8	80	120	08/28/2024
Lead		1.0		**470**	500.0	0	94.1	80	120	08/28/2024
Manganese		2.0		**499**	500.0	0	99.8	80	120	08/28/2024

Batch 227702 **SampType:** MS Units **µg/L**
SampID: 24081635-001DMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		1.0		**525**	500.0	0	105.0	75	125	08/28/2024

Batch 227702 **SampType:** MSD Units **µg/L** RPD Limit: **20**
SampID: 24081635-001DMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Antimony		1.0		**465**	500.0	0	93.1	525.1	12.07	08/28/2024

Batch 227702 **SampType:** MS Units **µg/L**
SampID: 24081635-010DMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Lead		1.0		**452**	500.0	0	90.3	75	125	08/28/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24061026

Client Project: NEW-24Q3 **Report Date:** 06-Sep-24

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

Batch 227702 **SampType:** MSD Units **µg/L** RPD Limit: **20**

SampID: 24081635-010DMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Lead		1.0		**424**	500.0	0	84.8	451.7	6.35	08/28/2024

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

Batch 224960 **SampType:** MBLK Units **µg/L**

SampID: MBLK-224960

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		1.0		**< 1.0**	0.4500	0	0	-100	100	07/10/2024
Arsenic		1.0		**< 1.0**	0.3750	0	0	-100	100	07/10/2024
Barium		1.0		**< 1.0**	0.7000	0	0	-100	100	07/10/2024
Beryllium		1.0		**< 1.0**	0.2500	0	0	-100	100	07/10/2024
Boron		25.0		**< 25.0**	9.250	0	0	-100	100	07/10/2024
Cadmium	*	1.0		**< 1.0**	0.1340	0	0	-100	100	07/10/2024
Chromium		1.5		**< 1.5**	0.7000	0	0	-100	100	07/10/2024
Cobalt		1.0		**< 1.0**	0.1150	0	0	-100	100	07/10/2024
Lead		1.0		**< 1.0**	0.6000	0	0	-100	100	07/10/2024
Lithium	*	3.0		**< 3.0**	1.450	0	0	-100	100	07/10/2024
Molybdenum		1.5		**< 1.5**	0.6000	0	0	-100	100	07/10/2024
Selenium		1.0		**< 1.0**	0.6000	0	0	-100	100	07/10/2024
Thallium		2.0		**< 2.0**	0.9500	0	0	-100	100	07/10/2024

Batch 224960 **SampType:** LCS Units **µg/L**

SampID: LCS-224960

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		1.0		**568**	500.0	0	113.7	80	120	07/10/2024
Arsenic		1.0		**540**	500.0	0	108.0	80	120	07/10/2024
Barium		1.0		**2200**	2000	0	109.9	80	120	07/10/2024
Beryllium		1.0		**50.0**	50.00	0	100.0	80	120	07/10/2024
Boron		25.0		**503**	500.0	0	100.7	80	120	07/10/2024
Cadmium	*	1.0		**51.5**	50.00	0	102.9	80	120	07/10/2024
Chromium		1.5		**215**	200.0	0	107.6	80	120	07/10/2024
Cobalt		1.0		**514**	500.0	0	102.9	80	120	07/10/2024
Lead		1.0		**523**	500.0	0	104.6	80	120	07/10/2024
Lithium	*	3.0		**512**	500.0	0	102.4	80	120	07/10/2024
Molybdenum		1.5		**486**	500.0	0	97.2	80	120	07/10/2024
Selenium		1.0		**545**	500.0	0	108.9	80	120	07/10/2024
Thallium		2.0		**238**	250.0	0	95.2	80	120	07/10/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24061026

Client Project: NEW-24Q3 **Report Date:** 06-Sep-24

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

Batch 225284 **SampType:** MBLK Units µg/L

SampID: MBLK-225284

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		1.0		**< 1.0**	0.4500	0	0	-100	100	07/09/2024
Antimony		1.0	S	**1.7**	0.4500	0	371.3	-100	100	07/05/2024
Arsenic		1.0		**< 1.0**	0.3750	0	0	-100	100	07/05/2024
Barium		1.0		**< 1.0**	0.7000	0	0	-100	100	07/05/2024
Beryllium		1.0		**< 1.0**	0.2500	0	0	-100	100	07/05/2024
Boron		25.0		**< 25.0**	9.250	0	0	-100	100	07/05/2024
Cadmium	*	1.0		**< 1.0**	0.1340	0	0	-100	100	07/05/2024
Chromium		1.5		**< 1.5**	0.7000	0	0	-100	100	07/05/2024
Cobalt		1.0		**< 1.0**	0.1150	0	0	-100	100	07/05/2024
Lead		1.0		**< 1.0**	0.6000	0	0	-100	100	07/05/2024
Lithium	*	3.0		**< 3.0**	1.450	0	0	-100	100	07/05/2024
Molybdenum		1.5		**< 1.5**	0.6000	0	0	-100	100	07/08/2024
Selenium		1.0		**< 1.0**	0.6000	0	0	-100	100	07/05/2024
Thallium		2.0		**< 2.0**	0.9500	0	0	-100	100	07/05/2024

Batch 225284 **SampType:** LCS Units µg/L

SampID: LCS-225284

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		1.0	B	**531**	500.0	0	106.2	80	120	07/05/2024
Arsenic		1.0		**488**	500.0	0	97.6	80	120	07/05/2024
Barium		1.0		**1940**	2000	0	96.9	80	120	07/05/2024
Beryllium		1.0		**49.1**	50.00	0	98.2	80	120	07/05/2024
Boron		25.0		**486**	500.0	0	97.2	80	120	07/05/2024
Cadmium	*	1.0		**55.3**	50.00	0	110.6	80	120	07/05/2024
Chromium		1.5		**196**	200.0	0	97.9	80	120	07/05/2024
Cobalt		1.0		**479**	500.0	0	95.9	80	120	07/05/2024
Lead		1.0		**486**	500.0	0	97.3	80	120	07/05/2024
Lithium	*	3.0		**495**	500.0	0	99.0	80	120	07/05/2024
Molybdenum		1.5		**411**	500.0	0	82.1	80	120	07/08/2024
Selenium		1.0		**477**	500.0	0	95.4	80	120	07/05/2024
Thallium		2.0		**227**	250.0	0	90.9	80	120	07/05/2024

Batch 225284 **SampType:** MS Units µg/L

SampID: 24061026-058CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Boron		25.0		**597**	500.0	158.6	87.7	75	125	07/05/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll **Work Order:** 24061026

Client Project: NEW-24Q3 **Report Date:** 06-Sep-24

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

Batch 225284 **SampType:** MSD Units **µg/L** RPD Limit: **20**

SampID: 24061026-058CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Boron		25.0		**582**	500.0	158.6	84.7	597.2	2.60	07/05/2024

Batch 225498 **SampType:** MBLK Units **µg/L**

SampID: MBLK-225498

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		1.0		**< 1.0**	0.4500	0	0	-100	100	07/11/2024
Arsenic		1.0		**< 1.0**	0.3750	0	0	-100	100	07/11/2024
Barium		1.0		**< 1.0**	0.7000	0	0	-100	100	07/11/2024
Beryllium		1.0		**< 1.0**	0.2500	0	0	-100	100	07/11/2024
Boron		25.0		**< 25.0**	9.250	0	0	-100	100	07/11/2024
Cadmium	*	1.0		**< 1.0**	0.1340	0	0	-100	100	07/11/2024
Chromium		1.5		**< 1.5**	0.7000	0	0	-100	100	07/11/2024
Cobalt		1.0		**< 1.0**	0.1150	0	0	-100	100	07/11/2024
Lead		1.0		**< 1.0**	0.6000	0	0	-100	100	07/11/2024
Lithium	*	3.0		**< 3.0**	1.450	0	0	-100	100	07/11/2024
Molybdenum		1.5		**< 1.5**	0.6000	0	0	-100	100	07/11/2024
Selenium		1.0		**< 1.0**	0.6000	0	0	-100	100	07/11/2024
Thallium		2.0		**< 2.0**	0.9500	0	0	-100	100	07/11/2024

Batch 225498 **SampType:** LCS Units **µg/L**

SampID: LCS-225498

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		1.0		**556**	500.0	0	111.1	80	120	07/11/2024
Arsenic		1.0		**546**	500.0	0	109.2	80	120	07/11/2024
Barium		1.0		**2070**	2000	0	103.7	80	120	07/11/2024
Beryllium		1.0		**53.6**	50.00	0	107.2	80	120	07/11/2024
Boron		25.0		**523**	500.0	0	104.6	80	120	07/11/2024
Cadmium	*	1.0		**53.4**	50.00	0	106.8	80	120	07/11/2024
Chromium		1.5		**224**	200.0	0	111.9	80	120	07/11/2024
Cobalt		1.0		**544**	500.0	0	108.8	80	120	07/11/2024
Lead		1.0		**539**	500.0	0	107.9	80	120	07/11/2024
Lithium	*	3.0		**571**	500.0	0	114.2	80	120	07/11/2024
Molybdenum		1.5		**504**	500.0	0	100.8	80	120	07/11/2024
Selenium		1.0		**517**	500.0	0	103.5	80	120	07/11/2024
Thallium		2.0		**246**	250.0	0	98.3	80	120	07/11/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24061026

Client Project: NEW-24Q3 **Report Date:** 06-Sep-24

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

Batch 225498 **SampType:** MS Units **µg/L**

SampID: 24061026-017BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		1.0		**504**	500.0	0	100.8	75	125	07/11/2024
Arsenic		1.0		**500**	500.0	8.134	98.3	75	125	07/11/2024
Barium		1.0		**1960**	2000	52.73	95.3	75	125	07/11/2024
Beryllium		1.0		**51.1**	50.00	0	102.2	75	125	07/11/2024
Boron		25.0		**612**	500.0	111.0	100.3	75	125	07/11/2024
Cadmium	*	1.0		**45.8**	50.00	0	91.6	75	125	07/11/2024
Chromium		1.5		**187**	200.0	1.332	92.9	75	125	07/11/2024
Cobalt		1.0		**464**	500.0	0	92.7	75	125	07/11/2024
Lead		1.0		**492**	500.0	0	98.4	75	125	07/11/2024
Lithium	*	3.0		**570**	500.0	19.81	110.0	75	125	07/11/2024
Molybdenum		1.5		**457**	500.0	4.975	90.4	75	125	07/12/2024
Selenium		1.0		**475**	500.0	0	94.9	75	125	07/11/2024
Thallium		2.0		**245**	250.0	0	97.9	75	125	07/11/2024

Batch 225498 **SampType:** MSD Units **µg/L** RPD Limit: **20**

SampID: 24061026-017BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Antimony		1.0		**514**	500.0	0	102.7	504.0	1.88	07/11/2024
Arsenic		1.0		**504**	500.0	8.134	99.2	499.7	0.92	07/11/2024
Barium		1.0		**1940**	2000	52.73	94.1	1958	1.19	07/11/2024
Beryllium		1.0		**50.1**	50.00	0	100.2	51.12	1.98	07/11/2024
Boron		25.0		**609**	500.0	111.0	99.6	612.3	0.51	07/11/2024
Cadmium	*	1.0		**47.2**	50.00	0	94.3	45.79	2.94	07/11/2024
Chromium		1.5		**198**	200.0	1.332	98.1	187.2	5.39	07/11/2024
Cobalt		1.0		**467**	500.0	0	93.3	463.5	0.65	07/11/2024
Lead		1.0		**517**	500.0	0	103.4	491.9	4.93	07/11/2024
Lithium	*	3.0		**568**	500.0	19.81	109.6	569.6	0.34	07/11/2024
Molybdenum		1.5		**451**	500.0	4.975	89.3	456.9	1.22	07/12/2024
Selenium		1.0		**479**	500.0	0	95.9	474.7	0.96	07/11/2024
Thallium		2.0		**243**	250.0	0	97.3	244.8	0.64	07/11/2024

Batch 225498 **SampType:** MS Units **µg/L**

SampID: 24061026-060CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Boron		25.0		**624**	500.0	107.0	103.4	75	125	07/11/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24061026

Client Project: NEW-24Q3 **Report Date:** 06-Sep-24

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

Batch 225498 **SampType:** MSD Units µg/L RPD Limit: 20

SampID: 24061026-060CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Boron		25.0		**629**	500.0	107.0	104.3	623.8	0.76	07/11/2024

Batch 225566 **SampType:** MBLK Units µg/L

SampID: MBLK-225566

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		1.0		**< 1.0**	0.4500	0	0	-100	100	07/12/2024
Arsenic		1.0		**< 1.0**	0.3750	0	0	-100	100	07/12/2024
Barium		1.0		**< 1.0**	0.7000	0	0	-100	100	07/12/2024
Beryllium		1.0		**< 1.0**	0.2500	0	0	-100	100	07/12/2024
Boron		25.0		**< 25.0**	9.250	0	0	-100	100	07/15/2024
Cadmium	*	1.0		**< 1.0**	0.1340	0	0	-100	100	07/12/2024
Chromium		1.5		**< 1.5**	0.7000	0	0	-100	100	07/12/2024
Cobalt		1.0		**< 1.0**	0.1150	0	0	-100	100	07/12/2024
Lead		1.0		**< 1.0**	0.6000	0	0	-100	100	07/12/2024
Lithium	*	3.0		**< 3.0**	1.450	0	0	-100	100	07/12/2024
Molybdenum		1.5		**< 1.5**	0.6000	0	0	-100	100	07/12/2024
Selenium		1.0		**< 1.0**	0.6000	0	0	-100	100	07/12/2024
Thallium		2.0		**< 2.0**	0.9500	0	0	-100	100	07/12/2024

Batch 225566 **SampType:** LCS Units µg/L

SampID: LCS-225566

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		1.0		**536**	500.0	0	107.2	80	120	07/12/2024
Arsenic		1.0		**495**	500.0	0	99.1	80	120	07/12/2024
Barium		1.0		**2000**	2000	0	100.0	80	120	07/12/2024
Beryllium		1.0		**48.6**	50.00	0	97.2	80	120	07/12/2024
Boron		25.0		**512**	500.0	0	102.5	80	120	07/15/2024
Cadmium	*	1.0		**49.4**	50.00	0	98.8	80	120	07/12/2024
Chromium		1.5		**210**	200.0	0	104.8	80	120	07/12/2024
Cobalt		1.0		**488**	500.0	0	97.7	80	120	07/12/2024
Lead		1.0		**510**	500.0	0	101.9	80	120	07/12/2024
Lithium	*	3.0		**509**	500.0	0	101.8	80	120	07/12/2024
Molybdenum		1.5		**462**	500.0	0	92.4	80	120	07/12/2024
Selenium		1.0		**500**	500.0	0	100.0	80	120	07/12/2024
Thallium		2.0		**241**	250.0	0	96.3	80	120	07/12/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24061026

Client Project: NEW-24Q3 **Report Date:** 06-Sep-24

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

Batch 225566 **SampType:** MS Units **µg/L**

SampID: 24061026-022BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Boron		25.0		**678**	500.0	174.9	100.6	75	125	07/15/2024

Batch 225566 **SampType:** MSD Units **µg/L** RPD Limit: **20**

SampID: 24061026-022BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Boron		25.0		**657**	500.0	174.9	96.4	677.9	3.12	07/15/2024

Batch 225659 **SampType:** MBLK Units **µg/L**

SampID: MBLK-225659

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		1.0		**< 1.0**	0.4500	0	0	-100	100	07/15/2024
Arsenic		1.0		**< 1.0**	0.3750	0	0	-100	100	07/15/2024
Barium		1.0		**< 1.0**	0.7000	0	0	-100	100	07/15/2024
Beryllium		1.0		**< 1.0**	0.2500	0	0	-100	100	07/15/2024
Boron		25.0		**< 25.0**	9.250	0	0	-100	100	07/15/2024
Cadmium	*	1.0		**< 1.0**	0.1340	0	0	-100	100	07/15/2024
Chromium		1.5		**< 1.5**	0.7000	0	0	-100	100	07/15/2024
Cobalt		1.0		**< 1.0**	0.1150	0	0	-100	100	07/15/2024
Lead		1.0		**< 1.0**	0.6000	0	0	-100	100	07/15/2024
Lithium	*	3.0		**< 3.0**	1.450	0	0	-100	100	07/15/2024
Molybdenum		1.5		**< 1.5**	0.6000	0	0	-100	100	07/15/2024
Selenium		1.0		**< 1.0**	0.6000	0	0	-100	100	07/15/2024
Thallium		2.0		**< 2.0**	0.9500	0	0	-100	100	07/15/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll **Work Order:** 24061026

Client Project: NEW-24Q3 **Report Date:** 06-Sep-24

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

Batch 225659 **SampType:** LCS Units **µg/L**

SampID: LCS-225659

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		1.0		**563**	500.0	0	112.7	80	120	07/15/2024
Arsenic		1.0		**532**	500.0	0	106.3	80	120	07/15/2024
Barium		1.0		**2170**	2000	0	108.5	80	120	07/15/2024
Beryllium		1.0		**48.4**	50.00	0	96.8	80	120	07/15/2024
Boron		25.0		**470**	500.0	0	94.1	80	120	07/15/2024
Cadmium	*	1.0		**52.4**	50.00	0	104.7	80	120	07/15/2024
Chromium		1.5		**213**	200.0	0	106.7	80	120	07/15/2024
Cobalt		1.0		**524**	500.0	0	104.9	80	120	07/15/2024
Lead		1.0		**518**	500.0	0	103.6	80	120	07/15/2024
Lithium	*	3.0		**509**	500.0	0	101.7	80	120	07/15/2024
Molybdenum		1.5		**489**	500.0	0	97.7	80	120	07/15/2024
Selenium		1.0		**540**	500.0	0	107.9	80	120	07/15/2024
Thallium		2.0		**235**	250.0	0	93.9	80	120	07/15/2024

Batch 226569 **SampType:** MBLK Units **µg/L**

SampID: MBLK-226569

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		1.0		**< 1.0**	0.4500	0	0	-100	100	08/05/2024
Arsenic		1.0		**< 1.0**	0.3750	0	0	-100	100	08/05/2024
Barium		1.0		**< 1.0**	0.7000	0	0	-100	100	08/05/2024
Cadmium	*	1.0		**< 1.0**	0.1340	0	0	-100	100	08/05/2024
Chromium		1.5		**< 1.5**	0.7000	0	0	-100	100	08/05/2024
Cobalt		1.0		**< 1.0**	0.1150	0	0	-100	100	08/05/2024
Lead		1.0		**< 1.0**	0.6000	0	0	-100	100	08/05/2024
Molybdenum		1.5		**< 1.5**	0.6000	0	0	-100	100	08/05/2024
Selenium		1.0		**< 1.0**	0.6000	0	0	-100	100	08/05/2024
Silver		1.0		**< 1.0**	0.1110	0	0	-100	100	08/05/2024
Thallium		2.0		**< 2.0**	0.9500	0	0	-100	100	08/05/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll **Work Order:** 24061026

Client Project: NEW-24Q3 **Report Date:** 06-Sep-24

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

Batch 226569 **SampType:** LCS Units **µg/L**

SampID: LCS-226569

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		1.0		**587**	500.0	0	117.5	80	120	08/05/2024
Arsenic		1.0		**523**	500.0	0	104.7	80	120	08/05/2024
Barium		1.0		**2150**	2000	0	107.6	80	120	08/05/2024
Cadmium	*	1.0		**52.7**	50.00	0	105.4	80	120	08/05/2024
Chromium		1.5		**211**	200.0	0	105.3	80	120	08/05/2024
Cobalt		1.0		**528**	500.0	0	105.5	80	120	08/05/2024
Lead		1.0	S	**600**	500.0	0	120.1	80	120	08/05/2024
Molybdenum		1.5		**467**	500.0	0	93.3	80	120	08/05/2024
Selenium		1.0		**551**	500.0	0	110.1	80	120	08/05/2024
Silver		1.0		**49.4**	50.00	0	98.9	80	120	08/05/2024
Thallium		2.0		**211**	250.0	0	84.2	80	120	08/05/2024

Batch 226569 **SampType:** MS Units **µg/L**

SampID: 24071451-035CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		1.0		**537**	500.0	0	107.5	75	125	08/06/2024
Arsenic		1.0		**511**	500.0	0	102.3	75	125	08/06/2024
Barium		1.0		**2060**	2000	52.07	100.2	75	125	08/06/2024
Beryllium		1.0		**52.4**	50.00	0	104.8	75	125	08/06/2024
Boron		25.0		**541**	500.0	0	108.1	75	125	08/06/2024
Cadmium	*	1.0		**51.0**	50.00	0	102.0	75	125	08/06/2024
Chromium		1.5		**207**	200.0	0	103.5	75	125	08/06/2024
Cobalt		1.0		**493**	500.0	0	98.5	75	125	08/06/2024
Lead		1.0		**546**	500.0	0	109.2	75	125	08/06/2024
Lithium	*	3.0		**541**	500.0	1.655	108.0	75	125	08/06/2024
Molybdenum		1.5		**469**	500.0	0	93.9	75	125	08/06/2024
Selenium		1.0		**528**	500.0	0	105.5	75	125	08/06/2024
Silver		1.0		**48.1**	50.00	0	96.2	75	125	08/06/2024
Thallium		2.0		**221**	250.0	0	88.3	75	125	08/06/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll **Work Order:** 24061026

Client Project: NEW-24Q3 **Report Date:** 06-Sep-24

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

Batch 226569 **SampType:** MSD Units **µg/L** RPD Limit: **20**

SampID: 24071451-035CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Antimony		1.0		**556**	500.0	0	111.2	537.3	3.41	08/06/2024
Arsenic		1.0		**507**	500.0	0	101.4	511.4	0.82	08/06/2024
Barium		1.0		**2110**	2000	52.07	103.0	2055	2.75	08/06/2024
Beryllium		1.0		**52.0**	50.00	0	104.1	52.38	0.65	08/06/2024
Boron		25.0		**531**	500.0	0	106.3	540.5	1.71	08/06/2024
Cadmium	*	1.0		**52.0**	50.00	0	104.0	51.01	1.93	08/06/2024
Chromium		1.5		**195**	200.0	0	97.7	207.0	5.73	08/06/2024
Cobalt		1.0		**479**	500.0	0	95.7	492.5	2.84	08/06/2024
Lead		1.0		**519**	500.0	0	103.8	545.8	5.04	08/06/2024
Lithium	*	3.0		**535**	500.0	1.655	106.6	541.4	1.26	08/06/2024
Molybdenum		1.5		**472**	500.0	0	94.5	469.5	0.60	08/06/2024
Selenium		1.0		**529**	500.0	0	105.7	527.7	0.16	08/06/2024
Silver		1.0		**51.3**	50.00	0	102.6	48.08	6.45	08/06/2024
Thallium		2.0		**211**	250.0	0	84.4	220.7	4.50	08/06/2024

Batch 226925 **SampType:** MBLK Units **µg/L**

SampID: MBLK-226925

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		1.0		**< 1.0**	0.4500	0	0	-100	100	08/12/2024
Arsenic		1.0		**< 1.0**	0.3750	0	0	-100	100	08/12/2024
Barium		1.0		**< 1.0**	0.7000	0	0	-100	100	08/12/2024
Beryllium		1.0		**< 1.0**	0.2500	0	0	-100	100	08/12/2024
Boron		25.0		**< 25.0**	9.250	0	0	-100	100	08/12/2024
Cadmium	*	1.0		**< 1.0**	0.1340	0	0	-100	100	08/12/2024
Chromium		1.5		**< 1.5**	0.7000	0	0	-100	100	08/12/2024
Cobalt		1.0		**< 1.0**	0.1150	0	0	-100	100	08/12/2024
Lead		1.0		**< 1.0**	0.6000	0	0	-100	100	08/12/2024
Lithium	*	3.0		**< 3.0**	1.450	0	0	-100	100	08/12/2024
Molybdenum		1.5		**< 1.5**	0.6000	0	0	-100	100	08/12/2024
Selenium		1.0		**< 1.0**	0.6000	0	0	-100	100	08/12/2024
Thallium		2.0		**< 2.0**	0.9500	0	0	-100	100	08/12/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll **Work Order:** 24061026

Client Project: NEW-24Q3 **Report Date:** 06-Sep-24

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

Batch 226925 **SampType:** LCS Units **µg/L**

SampID: LCS-226925

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		1.0		**514**	500.0	0	102.8	80	120	08/12/2024
Arsenic		1.0		**487**	500.0	0	97.4	80	120	08/12/2024
Barium		1.0		**1920**	2000	0	95.9	80	120	08/12/2024
Beryllium		1.0		**48.6**	50.00	0	97.1	80	120	08/12/2024
Boron		25.0		**477**	500.0	0	95.3	80	120	08/12/2024
Cadmium	*	1.0		**47.7**	50.00	0	95.4	80	120	08/12/2024
Chromium		1.5		**200**	200.0	0	100.1	80	120	08/12/2024
Cobalt		1.0		**488**	500.0	0	97.7	80	120	08/12/2024
Lead		1.0		**511**	500.0	0	102.3	80	120	08/12/2024
Lithium	*	3.0		**506**	500.0	0	101.2	80	120	08/12/2024
Molybdenum		1.5		**439**	500.0	0	87.9	80	120	08/12/2024
Selenium		1.0		**489**	500.0	0	97.9	80	120	08/12/2024
Thallium		2.0		**222**	250.0	0	88.8	80	120	08/12/2024

Batch 226933 **SampType:** MBLK Units **µg/L**

SampID: MBLK-226933

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		1.0		**< 1.0**	0.4500	0	0	-100	100	08/12/2024
Arsenic		1.0		**< 1.0**	0.3750	0	0	-100	100	08/12/2024
Barium		1.0		**< 1.0**	0.7000	0	0	-100	100	08/12/2024
Beryllium		1.0		**< 1.0**	0.2500	0	0	-100	100	08/12/2024
Boron		25.0		**< 25.0**	9.250	0	0	-100	100	08/14/2024
Cadmium	*	1.0		**< 1.0**	0.1340	0	0	-100	100	08/12/2024
Chromium		1.5		**< 1.5**	0.7000	0	0	-100	100	08/12/2024
Cobalt		1.0		**< 1.0**	0.1150	0	0	-100	100	08/12/2024
Lead		1.0		**< 1.0**	0.6000	0	0	-100	100	08/12/2024
Lithium	*	3.0		**< 3.0**	1.450	0	0	-100	100	08/12/2024
Molybdenum		1.5		**< 1.5**	0.6000	0	0	-100	100	08/12/2024
Selenium		1.0		**< 1.0**	0.6000	0	0	-100	100	08/12/2024
Thallium		2.0		**< 2.0**	0.9500	0	0	-100	100	08/12/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll **Work Order:** 24061026

Client Project: NEW-24Q3 **Report Date:** 06-Sep-24

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

Batch 226933 **SampType:** LCS Units µg/L

SampID: LCS-226933

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		1.0		**547**	500.0	0	109.5	80	120	08/12/2024
Arsenic		1.0		**525**	500.0	0	104.9	80	120	08/12/2024
Barium		1.0		**2160**	2000	0	108.1	80	120	08/12/2024
Beryllium		1.0		**50.5**	50.00	0	100.9	80	120	08/12/2024
Boron		25.0		**515**	500.0	0	103.1	80	120	08/14/2024
Cadmium	*	1.0		**50.9**	50.00	0	101.8	80	120	08/12/2024
Chromium		1.5		**209**	200.0	0	104.3	80	120	08/12/2024
Cobalt		1.0		**530**	500.0	0	106.0	80	120	08/12/2024
Lead		1.0		**506**	500.0	0	101.2	80	120	08/12/2024
Lithium	*	3.0		**510**	500.0	0	102.0	80	120	08/12/2024
Molybdenum		1.5		**480**	500.0	0	96.0	80	120	08/12/2024
Selenium		1.0		**509**	500.0	0	101.9	80	120	08/12/2024
Thallium		2.0		**246**	250.0	0	98.4	80	120	08/12/2024

Batch 227698 **SampType:** MBLK Units µg/L

SampID: MBLK-227698

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		1.0		**< 1.0**	0.4500	0	0	-100	100	08/28/2024
Arsenic		1.0		**< 1.0**	0.3750	0	0	-100	100	08/28/2024
Barium		1.0		**< 1.0**	0.7000	0	0	-100	100	08/29/2024
Cadmium	*	1.0		**< 1.0**	0.1340	0	0	-100	100	08/28/2024
Chromium		1.5		**< 1.5**	0.7000	0	0	-100	100	08/28/2024
Cobalt		1.0		**< 1.0**	0.1150	0	0	-100	100	08/28/2024
Lead		1.0		**< 1.0**	0.6000	0	0	-100	100	08/28/2024
Molybdenum		1.5		**< 1.5**	0.6000	0	0	-100	100	08/28/2024
Selenium		1.0		**< 1.0**	0.6000	0	0	-100	100	08/28/2024
Thallium		2.0		**< 2.0**	0.9500	0	0	-100	100	08/29/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24061026

Client Project: NEW-24Q3 **Report Date:** 06-Sep-24

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

Batch 227698 **SampType:** LCS Units **µg/L**
SampID: LCS-227698

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		1.0		**536**	500.0	0	107.2	80	120	08/28/2024
Arsenic		1.0		**536**	500.0	0	107.1	80	120	08/28/2024
Barium		1.0		**2110**	2000	0	105.6	80	120	08/29/2024
Cadmium	*	1.0		**50.1**	50.00	0	100.3	80	120	08/28/2024
Chromium		1.5		**196**	200.0	0	97.9	80	120	08/28/2024
Cobalt		1.0		**502**	500.0	0	100.3	80	120	08/28/2024
Lead		1.0		**493**	500.0	0	98.5	80	120	08/28/2024
Molybdenum		1.5		**477**	500.0	0	95.4	80	120	08/28/2024
Selenium		1.0		**488**	500.0	0	97.7	80	120	08/28/2024

SW-846 7470A (DISSOLVED)

Batch 225289 **SampType:** MS Units **µg/L**
SampID: 24061026-003CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.20		**5.25**	5.000	0	105.0	75	125	07/08/2024

Batch 225289 **SampType:** MSD Units **µg/L** RPD Limit: **15**
SampID: 24061026-003CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury		0.20		**5.18**	5.000	0	103.6	5.248	1.28	07/08/2024

Batch 225289 **SampType:** MS Units **µg/L**
SampID: 24061026-053CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.20		**5.09**	5.000	0	101.7	75	125	07/08/2024

Batch 225289 **SampType:** MSD Units **µg/L** RPD Limit: **15**
SampID: 24061026-053CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury		0.20		**4.87**	5.000	0	97.4	5.085	4.28	07/08/2024

Batch 225311 **SampType:** MBLK Units **µg/L**
SampID: MBLK-225311

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.20		**< 0.20**	0.0550	0	0	-100	100	07/08/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24061026

Client Project: NEW-24Q3 **Report Date:** 06-Sep-24

SW-846 7470A (DISSOLVED)

Batch 225311 **SampType:** LCS Units µg/L
SampID: LCS-225311

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.20		**5.13**	5.000	0	102.5	85	115	07/08/2024

SW-846 7470A (TOTAL)

Batch 225289 **SampType:** MBLK Units µg/L
SampID: MBLK-225289

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.20		**< 0.20**	0.0550	0	0	-100	100	07/08/2024

Batch 225289 **SampType:** LCS Units µg/L
SampID: LCS-225289

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.20		**5.14**	5.000	0	102.7	85	115	07/08/2024

Batch 225412 **SampType:** MBLK Units µg/L
SampID: MBLK-225412

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.20		**< 0.20**	0.0550	0	0	-100	100	07/09/2024

Batch 225412 **SampType:** LCS Units µg/L
SampID: LCS-225412

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.20		**5.08**	5.000	0	101.7	85	115	07/09/2024

Batch 225501 **SampType:** MBLK Units µg/L
SampID: MBLK-225501

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.20		**< 0.20**	0.0550	0	0	-100	100	07/10/2024

Batch 225501 **SampType:** LCS Units µg/L
SampID: LCS-225501

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.20		**5.56**	5.000	0	111.3	85	115	07/10/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24061026

Client Project: NEW-24Q3 **Report Date:** 06-Sep-24

SW-846 7470A (TOTAL)

Batch 225501 **SampType:** MS Units **µg/L**
SampID: 24061026-004CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.20		**5.64**	5.000	0	112.8	75	125	07/10/2024

Batch 225501 **SampType:** MSD Units **µg/L** RPD Limit: **15**
SampID: 24061026-004CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury		0.20		**5.52**	5.000	0	110.5	5.641	2.09	07/10/2024

Batch 225501 **SampType:** MS Units **µg/L**
SampID: 24061026-021BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.20		**5.51**	5.000	0	110.2	75	125	07/10/2024

Batch 225501 **SampType:** MSD Units **µg/L** RPD Limit: **15**
SampID: 24061026-021BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury		0.20		**5.32**	5.000	0	106.5	5.508	3.39	07/10/2024

Batch 225565 **SampType:** MBLK Units **µg/L**
SampID: MBLK-225565

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.20		**< 0.20**	0.0550	0	0	-100	100	07/11/2024

Batch 225565 **SampType:** LCS Units **µg/L**
SampID: LCS-225565

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.20		**5.12**	5.000	0	102.3	85	115	07/11/2024

Batch 225565 **SampType:** MS Units **µg/L**
SampID: 24061026-020BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.20		**5.46**	5.000	0	109.1	75	125	07/11/2024

Batch 225565 **SampType:** MSD Units **µg/L** RPD Limit: **15**
SampID: 24061026-020BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury		0.20		**5.09**	5.000	0	101.9	5.456	6.85	07/11/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24061026

Client Project: NEW-24Q3 **Report Date:** 06-Sep-24

SW-846 7470A (TOTAL)

Batch 225717 **SampType:** MBLK Units µg/L
SampID: MBLK-225717

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.20		< 0.20	0.0550	0	0	-100	100	07/16/2024

Batch 225717 **SampType:** LCS Units µg/L
SampID: LCS-225717

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.20		4.60	5.000	0	92.0	85	115	07/16/2024

Batch 226926 **SampType:** MBLK Units µg/L
SampID: MBLK-226926

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.20		< 0.20	0.0550	0	0	-100	100	08/13/2024

Batch 226926 **SampType:** LCS Units µg/L
SampID: LCS-226926

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.20		5.34	5.000	0	106.7	85	115	08/13/2024

Batch 226926 **SampType:** MS Units µg/L
SampID: 24061026-094BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.20		5.58	5.000	0	111.7	75	125	08/13/2024

Batch 226926 **SampType:** MSD Units µg/L RPD Limit: 15
SampID: 24061026-094BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury		0.20		5.44	5.000	0	108.8	5.583	2.59	08/13/2024

Batch 226941 **SampType:** MBLK Units µg/L
SampID: MBLK-226941

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.20		< 0.20	0.0550	0	0	-100	100	08/13/2024

Batch 226941 **SampType:** LCS Units µg/L
SampID: LCS-226941

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.20		5.75	5.000	0	114.9	85	115	08/13/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24061026

Client Project: NEW-24Q3 **Report Date:** 06-Sep-24

SW-846 7470A (TOTAL)

Batch 226941 **SampType:** MS Units **µg/L**

SampID: 24061026-103CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.20		**5.60**	5.000	0	111.9	75	125	08/13/2024

Batch 226941 **SampType:** MSD Units **µg/L** RPD Limit: **15**

SampID: 24061026-103CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury		0.20		**5.75**	5.000	0	115.0	5.596	2.68	08/13/2024

Batch 226941 **SampType:** MS Units **µg/L**

SampID: 24080002-002BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.20		**5.59**	5.000	0	111.9	75	125	08/13/2024

Batch 226941 **SampType:** MSD Units **µg/L** RPD Limit: **15**

SampID: 24080002-002BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury		0.20		**5.57**	5.000	0	111.4	5.594	0.42	08/13/2024

Teklab, Inc. Environmental Laboratory

Receiving Check List

Client: Ramboll
Work Order: 24061026
Client Project: NEW-24Q3
Report Date: 06-Sep-24

Carrier: Tracy Carroll
Received By: NR

Completed by: Paul Schultz
On: 03-Jul-24

Reviewed by: Ellie Hopkins
On: 17-Jul-24

Pages to follow: Chain of custody 29 Extra pages included 0

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐	Temp °C 22.9
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 #96651/89660. - pschultz - 7/3/2024 8:10:20 AM

Additional Sodium Hydroxide (95443) was needed in A213, R217D and A213 Dup upon arrival at the laboratory. - pschultz - 7/3/2024 8:10:28 AM

Samples were received on 7/8/2024 at 15:15on ice [7.8 - LTG#7]. - pschultz - 7/8/2024 3:38:35 PM
pH strip #96651/89660. - pschultz - 7/8/2024 3:38:39 PM

Additional Sodium Hydroxide (95443) was needed in G104 and G104 Duplicate upon arrival at the laboratory. - pschultz - 7/8/2024 3:38:42 PM

Samples were received on 7/9/24 at 12.5 on ice. Additional Nitric Acid (98584) was needed in APW02, APW05S, APW14, APW15, APW18, G222, G224, G232, G233, and APW02 DUP and additional Sodium Hydroxide (95443) was needed in G106 upon arrival at the laboratory. pH strip #96651/89660. - nickreed - 7/9/2024 5:08:46 PM

Samples were received on 7/10/24 at 1525 on ice [3.5C - LTG#5]. - TM/ehopkins - 7/11/2024 8:47:26 AM

Samples were received on 7/11/2024 at 14:00 on ice [2.9C - LTG#7]. - pschultz - 7/11/2024 4:19:23 PM

pH strip #96651/89660. - pschultz - 7/11/2024 4:19:25 PM

Additional Nitric Acid (98584) was needed in L1R and XPWO1 upon arrival at the laboratory. - pschultz - 7/11/2024 4:19:30 PM

Additional Sodium Hydroxide (95443) was needed in G217S upon arrival at the laboratory. - pschultz - 7/11/2024 4:19:38 PM

Receiving Check List

Client: Ramboll

Work Order: 24061026

Client Project: NEW-24Q3

Report Date: 06-Sep-24

Samples Field Blank and Equipment Blank 1 were filtered and preserved for the dissolved parameters upon arrival at the laboratory. - pschultz - 7/11/2024 4:19:43 PM

The samples collected on 7/8 and delivered on 7/9 were out of temperature compliance upon receipt. Applicable wells (APW02 with DUP, APW05S, APW14, APW15, G222, and G224) will be recollected per Chase Christenson's request. - ehurley - 7/17/2024 9:07:31 AM

APW10 was filtered and preserved with Nitric Acid (98581) for the dissolved parameters upon arrival at the laboratory. - amberdilallo - 7/19/2024 10:29:47 AM

Samples were received on 8/8/24 at 1424 on ice [1.5C - LTG#5]. Additional Nitric Acid (99172) was needed upon arrival at the laboratory for APW15, APW22S and G222. Field Blank 2, Equipment Blank 2 and Equipment Blank 3 were filtered and preserved with Nitric Acid (99172) for the dissolved parameters upon arrival at the laboratory. pH strip #96651. - amberdilallo - 8/8/2024 4:32:53 PM

CHAIN-OF-CUSTODY / Analytical Request Document

24061026

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

Page: 1 of 2

Section A Required Client Information:	Section B Required Project Information:	Section C Invoice Information:
Company: Vistra Corp-Newton	Report To: Brian Voelker	Attention: Terry Hanratty
Address: 6725 N 500th St	Copy To: Terry Hanratty - Terry.Hanratty@vistracorp.com	Company Name: Vistra Corp
Newton, IL 62448	Sam Davies - samantha.davies@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)

Resampling + new wells.

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: NEW-257-501	NEW-257-502	NEW-811-502	NEW-811-503	NEW-845-501	NEW-NPDES-501	NEW-SUP-000	NEW-NE-501					Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	APW02	WT	G	8-7	1331		4	2		2							X				X	X		X						24061026-090
2	APW05S	WT	G	8-7	1008		3	1		2							X				X	X		X						24061026-091
3	APW14	WT	G	8-7	1238		3	1		2							X				X			X						24061026-092
4	APW15	WT	G	8-7	1155		3	1		2							X				X			X						24061026-093
5	APW19S	WT	G	8-7	1125		3	1		2														X						24061026-094
6	APW20S *	WT	G	8-7	1229		3	1		2														X						24061026-095
7	APW21S	WT	G	8-7	1148		3	1		2														X						24061026-096
8	APW22S	WT	G	8-8	0940		3	1		2														X						24061026-097
9	APW23S	WT	G	8-8	1025		3	1		2														X						24061026-098
10	APW23	WT	G	8-8	1055		3	1		2														X						24061026-099
11	G222	WT	G	8-7	1118		3	1		2								X	X											24061026-100
12	G224	WT	G	8-7	1051		3	1		2								X	X											24061026-101
13	Field Blank 2	WT	G	8-8	1105		4	3		1							X	X	X		X	X		X						24061026-102
14	APW02 Duplicate	WT	G	8-7	1331		4	2		2							X				X	X		X						24061026-103
15	APW19S Duplicate	WT	G	8-7	1125		3	1		2														X						24061026-104
16	Equipment Blank 2	WT	G	8-8	1113		4	3		1							X	X	X		X	X		X						24061026-105

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
NEW-24Q3 Rev 2		8-8	1424		8/8/24	1424	1.5 #5

SAMPLER NAME AND SIGNATURE			
PRINT Name of SAMPLER:	Justin Colp		
SIGNATURE of SAMPLER:		DATE Signed (MM/DD/YY):	8-7-24

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

* Went dry during reads

Added HNO_3 (99172) to APW15, APW22S & G222.
PHV 9/6/24 8/8/24

CHAIN-OF-CUSTODY / Analytical Request Document

24061026

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

Page: 2 of 2

Section A Required Client Information:	Section B Required Project Information:	Section C Invoice Information:
Company: Vistra Corp-Newton	Report To: Brian Voelker	Attention: Terry Hanratty
Address: 6725 N 500th St	Copy To: Terry Hanratty - Terry.Hanratty@vistracorp.com	Company Name: Vistra Corp
Newton, IL 62448	Sam Davies - samantha.davies@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	Analysis Test Y/N	NEW-257-501	NEW-257-502	NEW-811-502	NEW-811-503	NEW-845-501	NEW-NPDES-501	NEW-SUP-000	NEW-NE-501	Residual Chlorine (Y/N)	Resampling + new wells. Project No./ Lab I.D.
1	Equipment Blank 3	WT	G	8-7	1345		4	3		1							X	X	X		X	X		X		24061026-106
2																										
3																										
4																										
5																										
6																										
7																										
8																										
9																										
10																										
11																										
12																										
13																										
14																										
15																										
16																										

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
NEW-24Q3 Rev 2		8-8	1424		8/8/24	1424

SAMPLE CONDITIONS: Y | N

SAMPLER NAME AND SIGNATURE
PRINT Name of SAMPLER: Justin Culp
SIGNATURE of SAMPLER:
DATE Signed (MM/DD/YY): 8-8-24

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

24061026

CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: 1 of 6

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company:	Vistra Corp-Newton	Report To:	Brian Voelker	Attention:	Terry Hanratty
Address:	6725 N 500th St	Copy To:	Terry Hanratty - Terry.Hanratty@vistracorp.com	Company Name:	Vistra Corp
	Newton, IL 62448		Sam Davies - samantha.davies@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	Analysis Test Y/N	NEW-257-501	NEW-257-502	NEW-811-502	NEW-811-503	NEW-845-501	NEW-NPDES-501	NEW-SUP-000	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	A213	WT	G	7-2-24	0943		5	2		1		1							X							24061026-001
2	A214	WT	G	7/2/24	1029		5	2		1		1							X							24061026-002
3	A215	WT	G	7/2/24	1117		5	2		1		1							X							24061026-003
4	APW02	WT	G				4	2		2							X				X	X				24061026-004
5	APW03	WT	G				4	2		2							X				X	X				24061026-005
6	APW04	WT	G				4	2		2							X				X	X				24061026-006
7	APW05	WT	G	7/2/24	1013		3	1		2							X				X		X			24061026-007
8	APW05S	WT	G				2	1		1							X				X					24061026-008
9	APW06	WT	G	7.2.24	1226		2	1		1							X				X					24061026-009
10	APW07	WT	G	7.2.24	1327		3	1		2							X				X		X			24061026-010
11	APW08	WT	G				3	1		2							X				X		X			24061026-011
12	APW09	WT	G	7.2.24	1419		3	1		2							X				X		X			24061026-012
13	APW10	WT	G		1304		2	1		1							X				X					24061026-013
14	APW11	WT	G		1103		2	1		1							X				X					24061026-014
15	APW12	WT	G		1157		2	1		1							X				X					24061026-015
16	APW13	WT	G		1411		2	1		1							X				X					24061026-016

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
NEW-24Q3 Rev 1		7/2	1649		7/2/24	1640

SAMPLE CONDITIONS: Temp in °C 22 | Received on Ice (Y/N) Y | Custody Sealed Cooler (Y/N) N | Samples Intact (Y/N)

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Tracy Carrel

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 7/2/24

PM 9/4/24

Added NaOH (pH>12) to A213, A215, A213 dup

PS 7/3

~~Dissolved container for~~ 0800 (A213 dup) was mislabeled as unp.

TE on 7/3

24061026

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-Newton	Report To:	Brian Voelker	Attention:	Terry Hanratty
Address:	6725 N 500th St	Copy To:	Terry Hanratty - Terry.Hanratty@vistracorp.com	Company Name:	Vistra Corp
	Newton, IL 62448		Sam Davies - samantha.davies@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: NEW-257-501	NEW-257-502	NEW-811-502	NEW-811-503	NEW-845-501	NEW-NPDES-501	NEW-SUP-000	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	APW14	WT	G				2	1		1							X				X				24061026-017
2	APW15	WT	G				2	1		1							X				X				24061026-018
3	APW16	WT	G				2	1		1							X				X				24061026-019
4	APW17	WT	G				3	1		2							X				X		X		24061026-020
5	APW18	WT	G				2	1		1							X				X				24061026-021
6	G06D	WT	G				2	1		1								X							24061026-022
7	G104	WT	G				5	2	1	1		1								X					24061026-023
8	G104D	WT	G				0													X					24061026-024
9	G104S	WT	G				0													X					24061026-025
10	G105	WT	G				5	2	1	1		1								X					24061026-026
11	G106	WT	G				5	2	1	1		1								X					24061026-027
12	G109	WT	G				0													X					24061026-028
13	G111	WT	G				0													X					24061026-029
14	G112	WT	G				0													X					24061026-030
15	G113	WT	G				0													X					24061026-031
16	G114	WT	G				0													X					24061026-032

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
NEW-24Q3 Rev 1		7/2	1640	Nick Reed	7/2/24	1640	Y / Z

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

24061026

NEW-257-502

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-Newton	Report To:	Brian Voelker	Attention:	Terry Hanratty
Address:	6725 N 500th St	Copy To:	Terry Hanratty - Terry.Hanratty@vistracorp.com	Company Name:	Vistra Corp
	Newton, IL 62448		Sam Davies - samantha.davies@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	NEW-257-501	NEW-257-502	NEW-811-502	NEW-811-503	NEW-845-501	NEW-NPDES-501	NEW-SUP-000	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	G115	WT	G				0													X					24061026-033
2	G116	WT	G				5	2	1	1		1								X		X			24061026-034
3	G117	WT	G				0													X					24061026-035
4	G118	WT	G				0													X					24061026-036
5	G119	WT	G				0													X					24061026-037
6	G120	WT	G				0													X					24061026-038
7	G125	WT	G				5	2	1	1		1								X					24061026-039
8	G128	WT	G				5	2	1	1		1								X					24061026-040
9	G130	WT	G				5	2	1	1		1								X					24061026-041
10	G133	WT	G				5	2	1	1		1								X					24061026-042
11	G136	WT	G				5	2	1	1		1								X					24061026-043
12	G139	WT	G				5	2	1	1		1								X					24061026-044
13	G141	WT	G				5	2	1	1		1								X					24061026-045
14	G201	WT	G				2	1		1								X							24061026-046
15	G202	WT	G				2	1		1								X							24061026-047
16	G203	WT	G				2	1		1								X							24061026-048

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS	Y	N	
NEW-24Q3 Rev 1		7/2	1640	Zach Reed	7/2/24	1640				
							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:

SIGNATURE of SAMPLER: DATE Signed (MM/DD/YY):

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-Newton	Report To:	Brian Voelker	Attention:	Terry Hanratty
Address:	6725 N 500th St	Copy To:	Terry Hanratty - Terry.Hanratty@vistracorp.com	Company Name:	Vistra Corp
	Newton, IL 62448		Sam Davies - samantha.davies@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	NEW-257-501	NEW-257-502	NEW-811-502	NEW-811-503	NEW-845-501	NEW-NPDES-501	NEW-SUP-000	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	G208	WT	G				2	1		1								X	X						24061026-049
2	G217S	WT	G				5	2	1	1		1							X						24061026-050
3	G218	WT	G				0												X						24061026-051
4	G220	WT	G				2	1		1								X	X						24061026-052
5	G221	WT	G	7-2-24	1248		5	2	1	1		1							X						24061026-053
6	G222	WT	G				2	1		1								X	X						24061026-054
7	G223	WT	G				2	1		1								X	X						24061026-055
8	G224	WT	G				2	1		1								X	X						24061026-056
9	G225	WT	G				5	2	1	1		1							X						24061026-057
10	G230	WT	G	7-2-24	1341		6	2	1	2		1						X	X						24061026-058
11	G231	WT	G				6	2	1	2		1						X	X						24061026-059
12	G232	WT	G				6	2	1	2		1						X	X						24061026-060
13	G233	WT	G				6	2	1	2		1						X	X						24061026-061
14	G234	WT	G				5	2	1	1		1							X						24061026-062
15	G48MG	WT	G				2	1		1								X							24061026-063
16	L1R	WT	G				2	1		1								X		X					24061026-064

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS	Y	N	
NEW-24Q3 Rev 1		7/2	1640		7/2/24	1640				

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):				

24061026

CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: 5 of 6

Section A Required Client Information:	Section B Required Project Information:	Section C Invoice Information:
Company: Vistra Corp-Newton	Report To: Brian Voelker	Attention: Terry Hanratty
Address: 6725 N 500th St	Copy To: Terry Hanratty - Terry.Hanratty@vistracorp.com	Company Name: Vistra Corp
Newton, IL 62448	Sam Davies - samantha.davies@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	Analysis Test Y/N	NEW-257-501	NEW-257-502	NEW-811-502	NEW-811-503	NEW-845-501	NEW-NPDES-501	NEW-SUP-000	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	L201		WT	G				0													X					24061026-065
2	L202		WT	G				0													X					24061026-066
3	L203		WT	G				0													X					24061026-067
4	L204		WT	G				0													X					24061026-068
5	L205		WT	G				0													X					24061026-069
6	L301		WT	G				2	1		1							X								24061026-070
7	R217D		WT	G	7-2-24	1134		6	2	1	2		1					X	X							24061026-071
8	R219		WT	G				5	2	1	1		1						X							24061026-072
9	SG02		WT	G				0									X					X				24061026-073
10	XPW01		WT	G				2	1		1											X				24061026-074
11	XPW02		WT	G				2	1		1											X				24061026-075
12	XPW03		WT	G				2	1		1											X				24061026-076
13	XPW04		WT	G				2	1		1											X				24061026-077
14	XSG01		WT	G				0									X					X				24061026-078
15	Field Blank		WT	G				6	4		1		1				X	X	X	X	X	X	X			24061026-079
16	A213 Duplicate		WT	G	7-2-24	0943		5	2	1	1		1						X							24061026-080

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
NEW-24Q3 Rev 1		7/2	1640		7/2/24	1640	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):				

24061026

CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: 6 of 6

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company:	Vistra Corp-Newton	Report To:	Brian Voelker	Attention:	Terry Hanratty
Address:	6725 N 500th St	Copy To:	Terry Hanratty - Terry.Hanratty@vistracorp.com	Company Name:	Vistra Corp
	Newton, IL 62448		Sam Davies - samantha.davies@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)	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	NEW-257-501	NEW-257-502	NEW-811-502	NEW-811-503	NEW-845-501	NEW-NPDES-501	NEW-SUP-000	Residual Chlorine (Y/N)	Project No./ Lab I.D.
								Requested Analysis Filtered (Y/N)																		
1	APW02 Duplicate	WT	G				4	2		2							X				X	X			24061026-081
2	G104 Duplicate	WT	G				5	2	1	1		1								X					24061026-082
3	Equipment Blank 1	WT	G				6	4		1		1					X	X	X	X	X	X	X		24061026-083
4	Equipment Blank 2	WT	G				6	4		1		1					X	X	X	X	X	X	X		24061026-084
5	Equipment Blank 3	WT	G				6	4		1		1					X	X	X	X	X	X	X		24061026-085
6	LREP	WT	G				8	4		1	3								X						24061026-086
7																									
8																									
9																									
10																									
11																									
12																									
13																									
14																									
15																									
16																									

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
NEW-24Q3 Rev 1	[signature]	7/2	1640	[signature]	7/2/24	1640	

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

CHAIN-OF-CUSTODY / Analytical Request Document

24061026

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

Page: 1 of 6

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company:	Vistra Corp-Newton	Report To:	Brian Voelker	Attention:	Terry Hanratty
Address:	6725 N 500th St	Copy To:	Terry Hanratty - Terry.Hanratty@vistracorp.com	Company Name:	Vistra Corp
	Newton, IL 62448		Sam Davies - samantha.davies@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: NEW-257-501	NEW-257-502	NEW-811-502	NEW-811-503	NEW-845-501	NEW-NPDES-501	NEW-SUP-000	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	A213	WT	G				5	2		1		1							X							24061026-001
2	A214	WT	G				5	2		1		1							X							24061026-002
3	A215	WT	G				5	2		1		1							X							24061026-003
4	APW02	WT	G				4	2		2							X				X	X				24061026-004
5	APW03	WT	G	7-8	1211		4	2		2							X				X	X				24061026-005
6	APW04	WT	G	7.8	1125		4	2		2							X				X	X				24061026-006
7	APW05	WT	G				3	1		2							X				X		X			24061026-007
8	APW05S	WT	G				2	1		1							X				X					24061026-008
9	APW06	WT	G				2	1		1							X				X					24061026-009
10	APW07	WT	G				3	1		2							X				X		X			24061026-010
11	APW08	WT	G				3	1		2							X				X		X			24061026-011
12	APW09	WT	G				3	1		2							X				X		X			24051026-012
13	APW10	WT	G				2	1		1							X				X					24061026-013
14	APW11	WT	G				2	1		1							X				X					24061026-014
15	APW12	WT	G				2	1		1							X				X					24061026-015
16	APW13	WT	G				2	1		1							X				X					24061026-016

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)
NEW-24Q3 Rev 1	FB / Teklab	7.8	1515	Paul Dooley	7/8/24	1515	2.7C	(Y)	N	

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Frank Barthol

SIGNATURE of SAMPLER: FB

DATE Signed (MM/DD/YY): 7.8.24

pH 9.65 / 9.96

Added NaOH (9543) to G104 + G104 dup

PS 7/8

24061026

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-Newton	Report To: Brian Voelker	Attention: Terry Hanratty
Address: 6725 N 500th St	Copy To: Terry Hanratty - Terry.Hanratty@vistracorp.com	Company Name: Vistra Corp
Newton, IL 62448	Sam Davies - samantha.davies@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: NEW-257-501	NEW-257-502	NEW-811-502	NEW-811-503	NEW-845-501	NEW-NPDES-501	NEW-SUP-000	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	APW14	WT	G				2	1		1							X				X				24061026-017
2	APW15	WT	G				2	1		1							X				X				24061026-018
3	APW16	WT	G				2	1		1							X				X				24061026-019
4	APW17	WT	G				3	1		2							X				X		X		24061026-020
5	APW18	WT	G				2	1		1							X				X				24061026-021
6	G06D	WT	G				2	1		1								X							24061026-022
7	G104	WT	G	7.8	1146		5	2	1	1		1								X					24061026-023
8	G104D	WT	G				0													X					24061026-024
9	G104S	WT	G				0													X					24061026-025
10	G105	WT	G				5	2	1	1		1								X					24061026-026
11	G106	WT	G				5	2	1	1		1								X					24061026-027
12	G109	WT	G				0													X					24061026-028
13	G111	WT	G				0													X					24061026-029
14	G112	WT	G				0													X					24061026-030
15	G113	WT	G				0													X					24061026-031
16	G114	WT	G				0													X					24061026-032

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
NEW-24Q3 Rev 1	FB / TekLab	7.8	1515	Paul Dutty	7/8/24	1515	

SAMPLER NAME AND SIGNATURE					
PRINT Name of SAMPLER:	Frank Barthol	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)
SIGNATURE of SAMPLER:	FB						

CHAIN-OF-CUSTODY / Analytical Request Document

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

Section A Required Client Information:	Section B Required Project Information:	Section C Invoice Information:	REGULATORY AGENCY
Company: Vistra Corp-Newton	Report To: Brian Voelker	Attention: Terry Hanratty	
Address: 6725 N 500th St	Copy To: Terry Hanratty - Terry.Hanratty@vistracorp.com	Company Name: Vistra Corp	NPDES GROUND WATER DRINKING WATER
Newton, IL 62448	Sam Davies - samantha.davies@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 #:	

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: NEW-257-501	NEW-257-502	NEW-811-502	NEW-811-503	NEW-845-501	NEW-NPDES-501	NEW-SUP-000	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	G208	WT	G				2	1		1								X	X						24061026-049
2	G217S	WT	G				5	2	1	1		1							X						24061026-050
3	G218	WT	G				0												X						24061026-051
4	G220	WT	G				2	1		1								X	X						24061026-052
5	G221	WT	G				5	2	1	1		1							X						24061026-053
6	G222	WT	G				2	1		1								X	X						24061026-054
7	G223	WT	G				2	1		1								X	X						24061026-055
8	G224	WT	G				2	1		1								X	X						24061026-056
9	G225	WT	G				5	2	1	1		1							X						24061026-057
10	G230	WT	G				6	2	1	2		1						X	X						24061026-058
11	G231	WT	G				6	2	1	2		1						X	X						24061026-059
12	G232	WT	G				6	2	1	2		1						X	X						24061026-060
13	G233	WT	G				6	2	1	2		1						X	X						24061026-061
14	G234	WT	G	7.8	1201		5	2	1	1		1							X						24061026-062
15	G48MG	WT	G				2	1		1								X							24061026-063
16	L1R	WT	G				2	1		1								X		X					24061026-064

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
NEW-24Q3 Rev 1	FB / TekLab	7.8	1515	Paul Stuckey	7/8/24	1515	Y / N

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Frank Barthol

SIGNATURE of SAMPLER: FB

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)

CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: 6 of 6

Section A Required Client Information:

Company:	Vistra Corp-Newton
Address:	6725 N 500th St
	Newton, IL 62448
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:	Terry Hanratty - Terry.Hanratty@vistracorp.com
	Sam Davies - samantha.davies@vistracorp.com
Purchase Order No.:	
Project Name:	
Project Number:	2285

Section C Invoice Information:

Attention:	Terry Hanratty
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)	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	NEW-257-501	NEW-257-502	NEW-811-502	NEW-811-503	NEW-845-501	NEW-NPDES-501	NEW-SUP-000	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	APW02 Duplicate	WT	G				4	2		2							X				X	X			24061026-081
2	G104 Duplicate	WT	G	7.8	1146		5	2	1	1		1								X					24061026-082
3	Equipment Blank 1	WT	G				6	4		1		1					X	X	X	X	X	X	X		24061026-083
4	Equipment Blank 2	WT	G				6	4		1		1					X	X	X	X	X	X	X		24061026-084
5	Equipment Blank 3	WT	G				6	4		1		1					X	X	X	X	X	X	X		24061026-085
6	LREP	WT	G				8	4		1	3								X						24061026-086
7																									
8																									
9																									
10																									
11																									
12																									
13																									
14																									
15																									
16																									

Requested Analysis Filtered (Y/N)

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS: Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
NEW-24Q3 Rev 1	FB / TekLab	7.8	1515	[signature]	7/8/24	1515		>	N	

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: FB / ~~TekLab~~ Frank Barthel

SIGNATURE of SAMPLER: [signature] (MM/DD/YY): 7.8.24

24061026

CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: 1 of 6

Section A Required Client Information:	Section B Required Project Information:	Section C Invoice Information:
Company: Vistra Corp-Newton	Report To: Brian Voelker	Attention: Terry Hanratty
Address: 6725 N 500th St	Copy To: Terry Hanratty - Terry.Hanratty@vistracorp.com	Company Name: Vistra Corp
Newton, IL 62448	Sam Davies - samantha.davies@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	Analysis Test Y/N	NEW-257-501	NEW-257-502	NEW-811-502	NEW-811-503	NEW-845-501	NEW-NPDES-501	NEW-SUP-000	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	A213	WT	G				5	2		1		1							X							24061026-001
2	A214	WT	G				5	2		1		1							X							24061026-002
3	A215	WT	G				5	2		1		1							X							24061026-003
* 4	APW02	WT	G	7-8-24	1452		4	2		2							X				X	X				24061026-004
5	APW03	WT	G				4	2		2							X				X	X				24061026-005
6	APW04	WT	G				4	2		2							X				X	X				24061026-006
7	APW05	WT	G				3	1		2							X				X		X			24061026-007
* 8	APW05S	WT	G	7-8-24	1411		2	1		1							X				X					24061026-008
9	APW06	WT	G				2	1		1							X				X					24061026-009
10	APW07	WT	G				3	1		2							X				X		X			24061026-010
11	APW08	WT	G				3	1		2							X				X		X			24061026-011
12	APW09	WT	G				3	1		2							X				X		X			24061026-012
13	APW10	WT	G				2	1		1							X				X					24061026-013
14	APW11	WT	G				2	1		1							X				X					24061026-014
15	APW12	WT	G				2	1		1							X				X					24061026-015
16	APW13	WT	G				2	1		1							X				X					24061026-016

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
NEW-24Q3 Rev 1		7/9/24	1415		7/9/24	1415	

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Tracy Carroll

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 7/9/24

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

PHW 9665 1/89660
added HNO3 (98584)
added NaOH (95443) to G106)
LH 7/9/24

Temp 12.5 GG5
on ice

24061026

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-Newton	Report To:	Brian Voelker	Attention:	Terry Hanratty
Address:	6725 N 500th St	Copy To:	Terry Hanratty - Terry.Hanratty@vistracorp.com	Company Name:	Vistra Corp
	Newton, IL 62448		Sam Davies - samantha.davies@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	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	NEW-257-501	NEW-257-502	NEW-811-502	NEW-811-503	NEW-845-501	NEW-NPDES-501	NEW-SUP-000	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	APW14	DRINKING WATER DW; WATER WT; WASTE WATER WW; PRODUCT P; SOIL/SOLID SL; OIL OL; WIPE WP; AIR AR; OTHER OT; TISSUE TS	WT	G	7.8.24	1347		2	1		1								X				X					24061026-017
2	APW15		WT	G	7.8.24	1444		2	1		1								X				X					24061026-018
3	APW16		WT	G				2	1		1								X				X					24061026-019
4	APW17		WT	G				3	1		2								X				X		X			24061026-020
5	APW18		WT	G	7-9-24	1102		2	1		1								X				X					24061026-021
6	G06D		WT	G				2	1		1									X								24061026-022
7	G104		WT	G	7-8-24			5	2	1	1		1									X						24061026-023
8	G104D		WT	G				0														X						24061026-024
9	G104S		WT	G				0														X						24061026-025
10	G105		WT	G	7-9-24	1022		5	2	1	1		1									X						24061026-026
11	G106		WT	G	7-9-24	0950		5	2	1	1		1									X						24061026-027
12	G109		WT	G				0														X						24061026-028
13	G111		WT	G				0														X						24061026-029
14	G112		WT	G				0														X						24061026-030
15	G113		WT	G				0														X						24061026-031
16	G114		WT	G				0														X						24061026-032

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
NEW-24Q3 Rev 1		7/9/24	1415		7/9/24	1415	

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: Travis Ford

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 7/9/24

24061026

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-Newton	Report To:	Brian Voelker	Attention:	Terry Hanratty
Address:	6725 N 500th St	Copy To:	Terry Hanratty - Terry.Hanratty@vistracorp.com	Company Name:	Vistra Corp
	Newton, IL 62448		Sam Davies - samantha.davies@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	Analysis Test Y/N	NEW-257-501	NEW-257-502	NEW-811-502	NEW-811-503	NEW-845-501	NEW-NPDES-501	NEW-SUP-000	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	G115	WT	G				0													X					24061026-033
2	G116	WT	G				5	2	1	1		1								X		X			24061026-034
3	G117	WT	G				0													X					24061026-035
4	G118	WT	G				0													X					24061026-036
5	G119	WT	G				0													X					24061026-037
6	G120	WT	G				0													X					24061026-038
7	G125	WT	G				5	2	1	1		1								X					24061026-039
8	G128	WT	G				5	2	1	1		1								X					24061026-040
9	G130	WT	G				5	2	1	1		1								X					24061026-041
10	G133	WT	G				5	2	1	1		1								X					24061026-042
11	G136	WT	G				5	2	1	1		1								X					24061026-043
12	G139	WT	G				5	2	1	1		1								X					24061026-044
13	G141	WT	G	7-9-24	1118		5	2	1	1		1								X					24061026-045
14	G201	WT	G				2	1		1								X							24061026-046
15	G202	WT	G				2	1		1								X							24061026-047
16	G203	WT	G				2	1		1								X							24061026-048

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
NEW-24Q3 Rev 1		7/9/24	1415		7/9/24	1405	

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:			Y	N	
SIGNATURE of SAMPLER:	DATE Signed (MM/DD/YY): 7/9/24				

24061026

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-Newton	Report To:	Brian Voelker	Attention:	Terry Hanratty
Address:	6725 N 500th St	Copy To:	Terry Hanratty - Terry.Hanratty@vistracorp.com	Company Name:	Vistra Corp
	Newton, IL 62448		Sam Davies - samantha.davies@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	NEW-257-501	NEW-257-502	NEW-811-502	NEW-811-503	NEW-845-501	NEW-NPDES-501	NEW-SUP-000	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	G208	WT	G				2	1		1								X	X						24061026-049
2	G217S	WT	G				5	2	1	1		1							X						24061026-050
3	G218	WT	G				0												X						24061026-051
4	G220	WT	G				2	1		1								X	X						24061026-052
5	G221	WT	G				5	2	1	1		1							X						24061026-053
6	G222	WT	G	7-8-24	1435		2	1		1								X	X						24061026-054
7	G223	WT	G				2	1		1								X	X						24061026-055
8	G224	WT	G	7-8-24	1338		2	1		1								X	X						24061026-056
9	G225	WT	G	7-9-24	928		5	2	1	1		1							X						24061026-057
10	G230	WT	G				6	2	1	2		1						X	X						24061026-058
11	G231	WT	G				6	2	1	2		1						X	X						24061026-059
12	G232	WT	G	7.9.24	1127		6	2	1	2		1						X	X						24061026-060
13	G233	WT	G	7.9.24	941		6	2	1	2		1						X	X						24061026-061
14	G234	WT	G				5	2	1	1		1							X						24061026-062
15	G48MG	WT	G				2	1		1								X							24061026-063
16	L1R	WT	G				2	1		1								X		X					24061026-064

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
NEW-24Q3 Rev 1		7/9/24	1415		7/9/24	1415	

SAMPLER NAME AND SIGNATURE					
PRINT Name of SAMPLER:	Tracy Cowell				
SIGNATURE of SAMPLER:		DATE Signed (MM/DD/YY):	7/9/24		

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

24061026

CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: 6 of 6

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company:	Vistra Corp-Newton	Report To:	Brian Voelker	Attention:	Terry Hanratty
Address:	6725 N 500th St	Copy To:	Terry Hanratty - Terry.Hanratty@vistracorp.com	Company Name:	Vistra Corp
	Newton, IL 62448		Sam Davies - samantha.davies@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)	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	NEW-257-501	NEW-257-502	NEW-811-502	NEW-811-503	NEW-845-501	NEW-NPDES-501	NEW-SUP-000					Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	APW02 Duplicate	WT	G	7-9-24	1454		4	2		2							X				X	X						24061026-081
2	G104 Duplicate	WT	G				5	2	1	1		1								X								24061026-082
3	Equipment Blank 1	WT	G				6	4		1		1					X	X	X	X	X	X	X					24061026-083
4	Equipment Blank 2	WT	G				6	4		1		1					X	X	X	X	X	X	X					24061026-084
5	Equipment Blank 3	WT	G				6	4		1		1					X	X	X	X	X	X	X					24061026-085
6	LREP	WT	G				8	4		1	3								X									24061026-086
7																												
8																												
9																												
10																												
11																												
12																												
13																												
14																												
15																												
16																												

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
NEW-24Q3 Rev 1		7/9/24	1415		7/9/24	1415		Y	Z	
							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: Isaac Carver

SIGNATURE of SAMPLER: (MM/DD/YY): 7/9/24

24061026

CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: 1 of 6

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company:	Vistra Corp-Newton	Report To:	Brian Voelker	Attention:	Terry Hanratty
Address:	6725 N 500th St	Copy To:	Terry Hanratty - Terry.Hanratty@vistracorp.com	Company Name:	Vistra Corp
	Newton, IL 62448		Sam Davies - samantha.davies@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 ↓ NEW-257-501	NEW-257-502	NEW-811-502	NEW-811-503	NEW-845-501	NEW-NPDES-501	NEW-SUP-000					Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	A213	WT	G				5	2		1		1							X										24061026-001
2	A214	WT	G				5	2		1		1							X										24061026-002
3	A215	WT	G				5	2		1		1							X										24061026-003
4	APW02	WT	G				4	2		2							X				X	X						24061026-004
5	APW03	WT	G				4	2		2							X				X	X						24061026-005
6	APW04	WT	G				4	2		2							X				X	X						24061026-006
7	APW05	WT	G				3	1		2							X				X		X					24061026-007
8	APW05S	WT	G				2	1		1							X				X							24061026-008
9	APW06	WT	G				2	1		1							X				X							24061026-009
10	APW07	WT	G				3	1		2							X				X		X					24061026-010
11	APW08	WT	G	7-9-24	1315		3	1		2							X				X		X					24061026-011
12	APW09	WT	G				3	1		2							X				X		X					24061026-012
13	APW10	WT	G				2	1		1							X				X							24061026-013
14	APW11	WT	G				2	1		1							X				X							24061026-014
15	APW12	WT	G				2	1		1							X				X							24061026-015
16	APW13	WT	G				2	1		1							X				X							24061026-016

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS	Y	N	
NEW-24Q3 Rev 1		7/10/24	1525		7/10/24	1525				
							3.5	Y		

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: T Carver

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 7/10/24

Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
UTG 5	on ice		

CHAIN-OF-CUSTODY / Analytical Request Document

24061026

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

Page: 2 of 6

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company:	Vistra Corp-Newton	Report To:	Brian Voelker	Attention:	Terry Hanratty
Address:	6725 N 500th St	Copy To:	Terry Hanratty - Terry.Hanratty@vistracorp.com	Company Name:	Vistra Corp
	Newton, IL 62448		Sam Davies - samantha.davies@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: NEW-257-501	NEW-257-502	NEW-811-502	NEW-811-503	NEW-845-501	NEW-NPDES-501	NEW-SUP-000					Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	APW14		WT	G				2	1		1							X				X							24061026-017
2	APW15		WT	G				2	1		1							X				X							24061026-018
3	APW16		WT	G	7-10-24	0903		2	1		1							X				X							24061026-019
4	APW17		WT	G	7.9.24	1138		3	1		2							X				X		X					24061026-020
5	APW18		WT	G				2	1		1							X				X							24061026-021
6	G06D		WT	G	7.10.24	1004		2	1		1								X										24061026-022
7	G104		WT	G				5	2	1	1		1								X								24061026-023
8	G104D		WT	G				0													X								24061026-024
9	G104S		WT	G				0													X								24061026-025
10	G105		WT	G				5	2	1	1		1								X								24061026-026
11	G106		WT	G				5	2	1	1		1								X								24061026-027
12	G109		WT	G				0													X								24061026-028
13	G111		WT	G				0													X								24061026-029
14	G112		WT	G				0													X								24061026-030
15	G113		WT	G				0													X								24061026-031
16	G114		WT	G				0													X								24061026-032

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
NEW-24Q3 Rev 1		7/10/24	1525		7/10/24	1525	

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: T Cowart

SIGNATURE of SAMPLER: Tracy Cowart DATE Signed (MM/DD/YY): 7/10/24

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

24061026

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-Newton	Report To:	Brian Voelker	Attention:	Terry Hanratty
Address:	6725 N 500th St	Copy To:	Terry Hanratty - Terry.Hanratty@vistracorp.com	Company Name:	Vistra Corp
	Newton, IL 62448		Sam Davies - samantha.davies@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	Analysis Test Y/N	NEW-257-501	NEW-257-502	NEW-811-502	NEW-811-503	NEW-845-501	NEW-NPDES-501	NEW-SUP-000	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	G115	WT	G				0													X					24061026-033
2	G116	WT	G				5	2	1	1		1								X		X			24061026-034
3	G117	WT	G				0													X					24061026-035
4	G118	WT	G				0													X					24061026-036
5	G119	WT	G				0													X					24061026-037
6	G120	WT	G				0													X					24061026-038
7	G125	WT	G				5	2	1	1		1								X					24061026-039
8	G128	WT	G	7-10-24	1236		5	2	1	1		1								X					24061026-040
9	G130	WT	G				5	2	1	1		1								X					24061026-041
10	G133	WT	G				5	2	1	1		1								X					24061026-042
11	G136	WT	G				5	2	1	1		1								X					24061026-043
12	G139	WT	G				5	2	1	1		1								X					24061026-044
13	G141	WT	G				5	2	1	1		1								X					24061026-045
14	G201	WT	G	7-10-24	1155		2	1		1								X							24061026-046
15	G202	WT	G	7.9.24	1256		2	1		1								X							24061026-047
16	G203	WT	G	7.9.24	1331		2	1		1								X							24061026-048

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS	Y	N	
NEW-24Q3 Rev 1		7/10/24	1525		7/10/24	1525				

SAMPLER NAME AND SIGNATURE					
PRINT Name of SAMPLER:	Trevor		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): 7/10/24				

24061026

CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: 4 of 6

Section A Required Client Information:	Section B Required Project Information:	Section C Invoice Information:
Company: Vistra Corp-Newton	Report To: Brian Voelker	Attention: Terry Hanratty
Address: 6725 N 500th St	Copy To: Terry Hanratty - Terry.Hanratty@vistracorp.com	Company Name: Vistra Corp
Newton, IL 62448	Sam Davies - samantha.davies@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	Analysis Test Y/N	NEW-257-501	NEW-257-502	NEW-811-502	NEW-811-503	NEW-845-501	NEW-NPDES-501	NEW-SUP-000	Residual Chlorine (Y/N)	Project No./ Lab I.D.
								Requested Analysis Filtered (Y/N)																		
1	G208	WT	G				2	1		1								X	X							24061026-049
2	G217S	WT	G				5	2	1	1		1							X							24061026-050
3	G218	WT	G				0												X							24061026-051
4	G220	WT	G	7.10.24	1059		2	1		1								X	X							24061026-052
5	G221	WT	G				5	2	1	1		1							X							24061026-053
6	G222	WT	G				2	1		1								X	X							24061026-054
7	G223	WT	G	7.10.24	1158		2	1		1								X	X							24061026-055
8	G224	WT	G				2	1		1								X	X							24061026-056
9	G225	WT	G				5	2	1	1		1							X							24061026-057
10	G230	WT	G		1119		6	2	1	2		1						X	X							24061026-058
11	G231	WT	G	7-10-24	~~1225~~ 1119		6	2	1	2		1						X	X							24061026-059
12	G232	WT	G				6	2	1	2		1						X	X							24061026-060
13	G233	WT	G				6	2	1	2		1						X	X							24061026-061
14	G234	WT	G				5	2	1	1		1							X							24061026-062
15	G48MG	WT	G				2	1		1								X								24061026-063
16	L1R	WT	G				2	1		1								X		X						24061026-064

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
NEW-24Q3 Rev 1		7/10/24	1525		7/10/24	1525	

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: David Lindgard

SIGNATURE of SAMPLER: David Lindgard

DATE Signed (MM/DD/YY): 7/10/24

24061026

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-Newton	Report To:	Brian Voelker	Attention:	Terry Hanratty
Address:	6725 N 500th St	Copy To:	Terry Hanratty - Terry.Hanratty@vistracorp.com	Company Name:	Vistra Corp
	Newton, IL 62448		Sam Davies - samantha.davies@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	NEW-257-501	NEW-257-502	NEW-811-502	NEW-811-503	NEW-845-501	NEW-NPDES-501	NEW-SUP-000	Residual Chlorine (Y/N)	Project No./ Lab I.D.
								Requested Analysis Filtered (Y/N)																		
1	L201	WT	G				0													X					24061026-065
2	L202	WT	G				0													X					24061026-066
3	L203	WT	G				0													X					24061026-067
4	L204	WT	G				0													X					24061026-068
5	L205	WT	G				0													X					24061026-069
6	L301	WT	G				2	1		1								X							24061026-070
7	R217D	WT	G				6	2	1	2		1						X	X						24061026-071
8	R219	WT	G				5	2	1	1		1							X						24061026-072
9	SG02	WT	G				0										X				X				24061026-073
10	XPW01	WT	G				2	1		1											X				24061026-074
11	XPW02	WT	G				2	1		1											X				24061026-075
12	XPW03	WT	G				2	1		1											X				24061026-076
13	XPW04	WT	G				2	1		1											X				24061026-077
14	XSG01	WT	G				0										X				X				24061026-078
15	Field Blank	WT	G				6	4		1		1					X	X	X	X	X	X	X		24061026-079
16	A213 Duplicate	WT	G				5	2	1	1		1							X						24061026-080

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
NEW-24Q3 Rev 1		7/10/24	1525		7/10/24	1525	

SAMPLER NAME AND SIGNATURE					
PRINT Name of SAMPLER:	T Davis				
SIGNATURE of SAMPLER:		DATE Signed (MM/DD/YY):	7/10/24		

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

24061026

CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: 6 of 6

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company:	Vistra Corp-Newton	Report To:	Brian Voelker	Attention:	Terry Hanratty
Address:	6725 N 500th St	Copy To:	Terry Hanratty - Terry.Hanratty@vistracorp.com	Company Name:	Vistra Corp
	Newton, IL 62448		Sam Davies - samantha.davies@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)	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	NEW-257-501	NEW-257-502	NEW-811-502	NEW-811-503	NEW-845-501	NEW-NPDES-501	NEW-SUP-000	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	APW02 Duplicate	WT	G				4	2		2							X				X	X			24061026-081
2	G104 Duplicate	WT	G				5	2	1	1		1								X					24061026-082
3	Equipment Blank 1	WT	G				6	4		1		1					X	X	X	X	X	X	X		24061026-083
4	Equipment Blank 2	WT	G				6	4		1		1					X	X	X	X	X	X	X		24061026-084
5	Equipment Blank 3	WT	G				6	4		1		1					X	X	X	X	X	X	X		24061026-085
6	LREP	WT	G				8	4		1	3								X						24061026-086
7	RETD Resample			7-10-24	0932																				
8	G230 Resample			↓	1002																				
9	GT21 Resample				1025																				
10																									
11																									
12																									
13																									
14																									
15																									
16																									

Requested Analysis Filtered (Y/N)

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
NEW-24Q3 Rev 1	Wayne	7/10/24	1525		7/10/24	1525	

SAMPLER NAME AND SIGNATURE					
PRINT Name of SAMPLER:	Wayne C				
SIGNATURE of SAMPLER:		(MM/DD/YY):	7/10/24		

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

24061026

CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: 3 of 6

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company:	Vistra Corp-Newton	Report To:	Brian Voelker	Attention:	Terry Hanratty
Address:	6725 N 500th St	Copy To:	Terry Hanratty - Terry.Hanratty@vistracorp.com	Company Name:	Vistra Corp
	Newton, IL 62448		Sam Davies - samantha.davies@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	Analysis Test Y/N	NEW-257-501	NEW-257-502	NEW-811-502	NEW-811-503	NEW-845-501	NEW-NPDES-501	NEW-SUP-000	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	G115	WT	G				0													X					24061026-033
2	G116	WT	G	7-11-24	924		5	2	1	1		1								X		X			24061026-034
3	G117	WT	G				0													X					24061026-035
4	G118	WT	G				0													X					24061026-036
5	G119	WT	G				0													X					24061026-037
6	G120	WT	G				0													X					24061026-038
7	G125	WT	G				5	2	1	1		1								X					24061026-039
8	G128	WT	G				5	2	1	1		1								X					24061026-040
9	G130	WT	G				5	2	1	1		1								X					24061026-041
10	G133	WT	G				5	2	1	1		1								X					24061026-042
11	G136	WT	G				5	2	1	1		1								X					24061026-043
12	G139	WT	G				5	2	1	1		1								X					24061026-044
13	G141	WT	G				5	2	1	1		1								X					24061026-045
14	G201	WT	G				2	1		1								X							24061026-046
15	G202	WT	G				2	1		1								X							24061026-047
16	G203	WT	G				2	1		1								X							24061026-048

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS	Y	N	
NEW-24Q3 Rev 1		7-11-24	1900		7/11/24	1400				
							2.9	ice		

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Brett Gillihan

SIGNATURE of SAMPLER: DATE Signed (MM/DD/YY): 7-11-24

Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
0.7			

PhV96651/896660
added HNO3 (98584) to L1R, XPW01
added NAOH (95443) to G215

Confidential

24061026

CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: 4 of 6

Section A Required Client Information:	Section B Required Project Information:	Section C Invoice Information:
Company: Vistra Corp-Newton	Report To: Brian Voelker	Attention: Terry Hanratty
Address: 6725 N 500th St	Copy To: Terry Hanratty - Terry.Hanratty@vistracorp.com	Company Name: Vistra Corp
Newton, IL 62448	Sam Davies - samantha.davies@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	NEW-257-501	NEW-257-502	NEW-811-502	NEW-811-503	NEW-845-501	NEW-NPDES-501	NEW-SUP-000				Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	G208	WT	G				2	1		1								X	X									24061026-049
2	G217S	WT	G	7/10/24	13:40		5	2	1	1		1							X									24061026-050
3	G218	WT	G				0												X									24061026-051
4	G220	WT	G				2	1		1								X	X									24061026-052
5	G221	WT	G				5	2	1	1		1							X									24061026-053
6	G222	WT	G				2	1		1								X	X									24061026-054
7	G223	WT	G				2	1		1								X	X									24061026-055
8	G224	WT	G				2	1		1								X	X									24061026-056
9	G225	WT	G				5	2	1	1		1							X									24061026-057
10	G230	WT	G				6	2	1	2		1						X	X									24061026-058
11	G231	WT	G				6	2	1	2		1						X	X									24061026-059
12	G232	WT	G				6	2	1	2		1						X	X									24061026-060
13	G233	WT	G				6	2	1	2		1						X	X									24061026-061
14	G234	WT	G				5	2	1	1		1							X									24061026-062
15	G48MG	WT	G	7-11-24	0852		2	1		1								X										24061026-063
16	L1R	WT	G	7-11-24	1020		2	1		1								X		X								24061026-064

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
NEW-24Q3 Rev 1	Brett Gillihan	7-11-24	1400		7/11/24	1400	
							2.9

SAMPLE CONDITIONS: Y / N

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Bret Gillihan

SIGNATURE of SAMPLER: Brett Gillihan DATE Signed (MM/DD/YY): 7-11-24

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

LTG7

24061026

CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: 5 of 6

Section A Required Client Information:	Section B Required Project Information:	Section C Invoice Information:
Company: Vistra Corp-Newton	Report To: Brian Voelker	Attention: Terry Hanratty
Address: 6725 N 500th St	Copy To: Terry Hanratty - Terry.Hanratty@vistracorp.com	Company Name: Vistra Corp
Newton, IL 62448	Sam Davies - samantha.davies@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: NEW-257-501	NEW-257-502	NEW-811-502	NEW-811-503	NEW-845-501	NEW-NPDES-501	NEW-SUP-000					Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	L201	WT	G				0													X								24061026-065
2	L202	WT	G				0													X								24061026-066
3	L203	WT	G				0													X								24061026-067
4	L204	WT	G				0													X								24061026-068
5	L205	WT	G				0													X								24061026-069
6	L301	WT	G	7-10-24	1002		2	1		1								X										24061026-070
7	R217D S	WT	G	~~7-10-24~~	~~1340~~ TE		6	2	1	2		1						X	X									24061026-071
8	R219	WT	G	7-10-24	1341 BG 7/11		5	2	1	1		1							X									24061026-072
9	SG02	WT	G				0										X				X							24061026-073
10	XPW01	WT	G	7.10.24	1344		2	1		1											X							24061026-074
11	XPW02	WT	G	7.11.24	0925		2	1		1											X							24061026-075
12	XPW03	WT	G	7.11.24	1004		2	1		1											X							24061026-076
13	XPW04	WT	G	7.11.24	922		2	1		1											X							24061026-077
14	XSG01	WT	G				0										X				X							24061026-078
15	Field Blank	WT	G	7-11-24	1005		6	4		1		1					X	X	X	X	X	X	X					24061026-079
18	A213 Duplicate	WT	G				5	2	1	1		1							X									24061026-080

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
NEW-24Q3 Rev 1		7-11-24	1400		7/11/24	1400

SAMPLE CONDITIONS

Temp in °C	Y	N	
2.9 ice			

Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Brett Gillon

SIGNATURE of SAMPLER: | DATE Signed (MM/DD/YY): 7-11-24

LTG

24061026

CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: 6 of 6

Section A Required Client Information:

Company:	Vistra Corp-Newton
Address:	6725 N 500th St
	Newton, IL 62448
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:	Terry Hanratty - Terry.Hanratty@vistracorp.com
	Sam Davies - samantha.davies@vistracorp.com
Purchase Order No.:	
Project Name:	
Project Number:	2285

Section C Invoice Information:

Attention:	Terry Hanratty
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)	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	NEW-257-501	NEW-257-502	NEW-811-502	NEW-811-503	NEW-845-501	NEW-NPDES-501	NEW-SUP-000	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	APW02 Duplicate	WT	G				4	2		2							X				X	X			24061026-081
2	G104 Duplicate	WT	G				5	2	1	1		1								X					24061026-082
3	Equipment Blank 1	WT	G	7-11-24	1015		6	4		1		1					X	X	X	X	X	X	X		24061026-083
4	Equipment Blank 2	WT	G				6	4		1		1					X	X	X	X	X	X	X		24061026-084
5	Equipment Blank 3	WT	G				6	4		1		1					X	X	X	X	X	X	X		24061026-085
6	LREP	WT	G	~~7-11-24~~	~~1020~~		8	4		1	3								X						24061026-086
7																									
8																									
9																									
10																									
11																									
12																									
13																									
14																									
15																									
16																									

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
NEW-24Q3 Rev 1		7-11-24	1400		7/11/24	1450	Y / N
							2.9 / Ice

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER:

SIGNATURE of SAMPLER: (MM/DD/YY): 7-11-24

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

DG7

CHAIN-OF-CUSTODY / Analytical Request Document

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

24061026-502

Page: 1 of 2

Section A Required Client Information:

Company:	Vistra Corp-Newton
Address:	6725 N 500th St
	Newton, IL 62448
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:	Terry Hanratty - Terry.Hanratty@vistracorp.com
	Sam Davies - samantha.davies@vistracorp.com
Purchase Order No.:	
Project Name:	
Project Number:	

Section C Invoice Information:

Attention:	Terry Hanratty
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	Analysis Test Y/N	NEW-257-501	NEW-257-502	NEW-811-502	NEW-811-503	NEW-845-501	NEW-NPDES-501	NEW-SUP-000	NEW-NE-501	Residual Chlorine (Y/N)	Project No./ Lab I.D.
																Requested Analysis Filtered (Y/N)										Resampling + new wells.
1	APW02	WT	G	8-7	1331		4	2		2							X				X	X		X		24061026-090
2	APW05S	WT	G	8-7	1008		3	1		2							X				X	X		X		24061026-091
3	APW14	WT	G	8-7	1238		3	1		2							X				X			X		24061026-092
4	APW15	WT	G	8-7	1155		3	1		2							X				X			X		24061026-093
5	APW19S	WT	G	8-7	1125		3	1		2														X		24061026-094
6	APW20S *	WT	G	8-7	1229		3	1		2														X		24061026-095
7	APW21S	WT	G	8-7	1148		3	1		2														X		24061026-096
8	APW22S	WT	G	8-8	0940		3	1		2														X		24061026-097
9	APW23S	WT	G	8-8	1025		3	1		2														X		24061026-098
10	APW23	WT	G	8-8	1055		3	1		2														X		24061026-099
11	G222	WT	G	8-7	1118		3	1		2								X	X							24061026-100
12	G224	WT	G	8-7	1051		3	1		2								X	X							24061026-101
13	Field Blank 2	WT	G	8-8	1105		4	3		1							X	X	X		X	X		X		24061026-102
14	APW02 Duplicate	WT	G	8-7	1331		4	2		2							X				X	X		X		24061026-103
15	APW19S Duplicate	WT	G	8-7	1125		3	1		2														X		24061026-104
16	Equipment Blank 2	WT	G	8-8	1113		4	3		1							X	X	X		X	X		X		24061026-105

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
NEW-24Q3 Rev 2		8-8	1424		8/8/24	1424

SAMPLE CONDITIONS

Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
1.5 #5	Y	N	

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Justin Culp

SIGNATURE of SAMPLER: Justin Culp DATE Signed (MM/DD/YY): 8-7-24

* went dry during reads

Added HNO_3 (99172) to APW15, APW22S & G222.
pH < 2 per SM 8/8/24

CHAIN-OF-CUSTODY / Analytical Request Document

24061026-502

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

Page: 2 of 2

Section A Required Client Information:

Company:	Vistra Corp-Newton
Address:	6725 N 500th St
	Newton, IL 62448
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:	Terry Hanratty - Terry.Hanratty@vistracorp.com
	Sam Davies - samantha.davies@vistracorp.com
Purchase Order No.:	
Project Name:	
Project Number:	

Section C Invoice Information:

Attention:	Terry Hanratty
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	NEW-257-501	NEW-257-502	NEW-811-502	NEW-811-503	NEW-846-501	NEW-NPDES-501	NEW-SUP-000	NEW-NE-501	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	Equipment Blank 3	WT	G	8-7	1345		4	3		1							X	X	X		X	X		X		24061026-106
2																										
3																										
4																										
5																										
6																										
7																										
8																										
9																										
10																										
11																										
12																										
13																										
14																										
15																										
16																										

Resampling + new wells.

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS	Y	N	
NEW-24Q3 Rev 2		8-8	1424		8/8/24	1424				
							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:

DATE Signed (MM/DD/YY): 8-8-24

Site Sampling Event: NEW- 3Q24
LIMS Workorder: 24061026
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Summary
Newton- 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	A213	Groundwater Sample	71.0	None	NW	Partly cloudy	Good	Good	Good	Yes	Yes
002	A214	Groundwater Sample	72.0	None	N	Clear	Good	Good	Good	Yes	Yes
003	A215	Groundwater Sample	72.0	None	N	Clear	Good	Good	Good	Yes	Yes
005	APW03	Groundwater Sample	85.0	None	N	Clear	Good	Good	Good	Yes	Yes
006	APW04	Groundwater Sample	84.0	None	N	Clear	Good	Good	Good	Yes	Yes
007	APW05	Groundwater Sample	76.0	None	NW	Clear	Good	Good	Good	Yes	Yes
009	APW06	Groundwater Sample	82.0	None	N	Clear	Good	Good	Good	Yes	Yes
010	APW07	Groundwater Sample	83.0	None	N	Clear	Good	Good	Good	Yes	Yes
011	APW08	Groundwater Sample	72.0	Heavy	SW	Cloudy	Good	Good	Good	Yes	Yes
012	APW09	Groundwater Sample	86.0	None	N	Clear	Good	Good	Good	Yes	Yes
013	APW10	Groundwater Sample	85.0	None	NW	Clear	Good	Good	Good	Yes	Yes
014	APW11	Groundwater Sample	76.0	None	NW	Clear	Good	Good	Good	Yes	Yes
015	APW12	Groundwater Sample	78.0	None	NW	Clear	Good	Good	Good	Yes	Yes
016	APW13	Groundwater Sample	88.0	None	NW	Clear	Good	Good	Good	Yes	Yes
019	APW16	Groundwater Sample	70.0	None	E	Clear	Good	Good	Good	Yes	Yes
020	APW17	Groundwater Sample	72.0	Heavy	SW	Cloudy	Good	Good	Good	Yes	Yes
021	APW18	Groundwater Sample	72.0	Light	SW	Cloudy	Good	Good	Good	Yes	Yes
022	G06D	Groundwater Sample	73.0	None	SW	Clear	Good	Good	Good	Yes	Yes
023	G104	Groundwater Sample	81.0	None	NE	Partly cloudy	Good	Good	Good	Yes	Yes
024	G104D	DTW Only	85.0	None	SW	Clear	Good	Good	Good	Yes	Yes
025	G104S	DTW Only	85.0	None	SW	Clear	Good	Good	Good	Yes	Yes
026	G105	Groundwater Sample	72.0	Light	SW	Cloudy	Good	Good	Good	Yes	Yes
027	G106	Groundwater Sample	71.0	Heavy	S	Cloudy	Good	Good	Good	Yes	Yes
028	G109	DTW Only	85.0	None	SW	Clear	Good	Good	Good	Yes	Yes
029	G111	DTW Only	85.0	None	SW	Clear	Good	Good	Good	Yes	Yes
030	G112	DTW Only	85.0	None	SW	Clear	Good	Good	Good	Yes	Yes
031	G113	DTW Only	85.0	None	SW	Clear	Good	Good	Good	Yes	Yes
032	G114	DTW Only	85.0	None	SW	Clear	Good	Good	Good	Yes	Yes
033	G115	DTW Only	85.0	None	SW	Clear	Good	Good	Good	Yes	Yes
034	G116	Groundwater Sample	74.0	None	NE	Clear	Good	Good	Good	Yes	Yes
035	G117	DTW Only	85.0	None	SW	Clear	Good	Good	Good	Yes	Yes
036	G118	DTW Only	85.0	None	SW	Clear	Good	Good	Good	Yes	Yes
037	G119	DTW Only	85.0	None	SW	Clear	Good	Good	Good	Yes	Yes
038	G120	DTW Only	85.0	None	SW	Clear	Good	Good	Good	Yes	Yes
039	G125	Groundwater Sample	71.0	None	E	Clear	Good	Good	Good	Yes	Yes
040	G128	Groundwater Sample	79.0	None	SE	Partly cloudy	Good	Good	Good	Yes	Yes

Site Sampling Event: NEW- 3Q24
LIMS Workorder: 24061026
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Summary
Newton- 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
041	G130	Groundwater Sample	77.0	None	NE	Clear	Good	Good	Good	Yes	Yes
042	G133	Groundwater Sample	75.0	None	E	Clear	Good	Good	Good	Yes	Yes
043	G136	Groundwater Sample	79.0	None	SE	Clear	Good	Good	Good	Yes	Yes
044	G139	Groundwater Sample	80.0	None	SE	Clear	Good	Good	Good	Yes	Yes
045	G141	Groundwater Sample	72.0	None	NE	Cloudy	Good	Good	Good	Yes	Yes
046	G201	Groundwater Sample	78.0	None	SE	Partly cloudy	Good	Good	Good	Yes	Yes
047	G202	Groundwater Sample	74.0	Light	SW	Cloudy	Good	Other (see note)	Good	Yes	Yes
048	G203	Groundwater Sample	75.0	Light	SW	Cloudy	Good	Good	Good	Yes	Yes
049	G208	Groundwater Sample					Good	Other (see note)	Good	Yes	Yes
050	G217S	Groundwater Sample	81.0	None	N	Clear	Good	Good	Good	Yes	Yes
051	G218	DTW Only	86.0	None	SW	Clear	Good	Good	Good	Yes	Yes
052	G220	Groundwater Sample	74.0	None	NW	Cloudy	Good	Good	Good	Yes	Yes
053	G221	Groundwater Sample	82.0	None	N	Clear	Good	Good	Good	Yes	Yes
055	G223	Groundwater Sample	74.0	None	SW	Clear	Good	Good	Good	Yes	Yes
057	G225	Groundwater Sample	69.0	Light	N	Cloudy	Good	Good	Good	Yes	Yes
058	G230	Groundwater Sample	84.0	None	N	Clear	Good	Good	Good	Yes	Yes
059	G231	Groundwater Sample	74.0	None	SW	Clear	Good	Good	Good	Yes	Yes
060	G232	Groundwater Sample	74.0	None	SW	Cloudy	Good	Good	Good	Yes	Yes
061	G233	Groundwater Sample	72.0	Light	SW	Cloudy	Good	Good	Good	Yes	Yes
062	G234	Groundwater Sample	88.0	None	NW	Clear	Good	Good	Good	Yes	Yes
063	G48MG	Groundwater Sample	72.0	None	E	Clear	Good	Good	Good	Yes	Yes
064	L1R	Groundwater Sample	78.0	None	N	Clear	Good	Good	Good	Yes	No
065	L201	DTW Only	88.0	None	S	Clear					
066	L202	DTW Only	88.0	None	S	Clear					
067	L203	DTW Only	88.0	None	S	Clear					
068	L204	DTW Only	88.0	None	S	Clear					
069	L205	DTW Only	88.0	None	S	Clear					
070	L301	Leachate Sample	77.0	None	NE	Clear				Yes	No
071	R217D	Groundwater Sample	75.0	None	NW	Partly cloudy	Good	Good	Other (see note)	Yes	No
072	R219	Groundwater Sample	81.0	None	SE	Partly cloudy	Good	Good	Good	Yes	Yes
073	SG02	DTW Only	86.0	None	SW	Clear					
074	XPW01	Groundwater Sample	83.0	None	S	Clear	Good	Good	Good	Yes	Yes
075	XPW02	Groundwater Sample	75.0	None	E	Partly cloudy	Good	Good	Good	Yes	Yes
076	XPW03	Groundwater Sample	76.0	None	S	Clear	Good	Good	Other (see note)	Yes	No
077	XPW04	Groundwater Sample	76.0	None	S	Clear	Good	Good	Good	Yes	Yes
078	XSG01	DTW Only	88.0	None	S	Clear					

Site Sampling Event: NEW- 3Q24
LIMS Workorder: 24061026
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Summary
Newton- 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
079	Field Blank	QA/QC Sample									
080	A213 Duplicate	QA/QC Sample	71.0	None	NW	Partly cloudy	Good	Good	Good	Yes	Yes
082	G104 Duplicate	QA/QC Sample	81.0	None	NE	Partly cloudy	Good	Good	Good	Yes	Yes
083	Equipment Blank 1	QA/QC Sample									
084	Equipment Blank 2	QA/QC Sample									
085	Equipment Blank 3	QA/QC Sample									
086	LREP	Leachate Sample									
087	R217D	Groundwater Sample	75.0	None	NW	Partly cloudy	Good	Good	Good	Yes	No
088	G230	Groundwater Sample	89.0	None	N	Clear	Good	Good	Good	Yes	Yes
089	G221	Groundwater Sample	88.0	None	N	Clear	Good	Good	Good	Yes	Yes
090	APW02	Groundwater Sample	75.0	None	S	Cloudy	Good	Good	Good	Yes	Yes
091	APW05S	Groundwater Sample	70.0	None	SE	Partly cloudy	Good	Good	Good	Yes	Yes
092	APW14	Groundwater Sample	74.0	None	S	Cloudy	Good	Good	Good	Yes	Yes
093	APW15	Groundwater Sample	74.0	None	S	Cloudy	Good	Good	Good	Yes	Yes
094	APW19S	Groundwater Sample	71.0	None	SE	Cloudy	Good	Good	Good	Yes	Yes
095	APW20S	Groundwater Sample	73.0	None	SE	Cloudy	Good	Good	Good	Yes	Yes
096	APW21S	Groundwater Sample	70.0	None	SE	Cloudy	Good	Good	Good	Yes	Yes
097	APW22S	Groundwater Sample	70.0	None	S	Clear	Good	Good	Good	Yes	Yes
098	APW23S	Groundwater Sample	73.0	None	S	Clear	Good	Good	Good	Yes	Yes
099	APW23	Groundwater Sample	74.0	None	S	Clear	Good	Good	Good	Yes	Yes
100	G222	Groundwater Sample	71.0	None	S	Cloudy	Good	Good	Good	Yes	Yes
101	G224	Groundwater Sample	71.0	None	S	Cloudy	Good	Good	Good	Yes	Yes
102	Field Blank 2	QA/QC Sample									
103	APW02 Duplicate	QA/QC Sample	75.0	None	S	Cloudy	Good	Good	Good	Yes	Yes
104	APW19S Duplicate	QA/QC Sample	71.0	None	SE	Cloudy	Good	Good	Good	Yes	Yes
105	Equipment Blank 2	QA/QC Sample									
106	Equipment Blank 3	QA/QC Sample									

Site Sampling Event: NEW- 3Q24
LIMS Workorder: 24061026
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Summary
Newton- 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	A213	JC	7/2/24 9:12	19.20	61.00	JC	7/2/2024	09:15	09:43	Bladder Pump	2"	3.0	107.1
002	A214	BG	7/2/24 9:46	41.24	75.50	BG	7/2/2024	09:46	10:29	Submersible Pump	2"	8.0	186.0
003	A215	BG	7/2/24 10:46	44.36	78.10	BG	7/2/2024	10:46	11:17	Submersible Pump	2"	7.5	241.9
005	APW03	BG	7/8/24 11:39	7.75	24.00	BG	7/8/2024	11:39	12:11	Submersible Pump	2"	9.0	281.3
006	APW04	BG	7/8/24 10:51	5.14	21.60	BG	7/8/2024	10:55	11:25	Submersible Pump	2"	11.0	366.7
007	APW05	TAC	7/2/24 9:55	14.26	70.80	TAC	7/2/2024	09:55	10:13	Bladder Pump	2"	5.0	277.8
009	APW06	BG	7/2/24 11:43	19.36	76.10	BG	7/2/2024	11:43	12:26	Submersible Pump	2"	9.0	209.3
010	APW07	BG	7/2/24 12:48	47.11	85.80	BG	7/2/2024	12:48	13:27	Submersible Pump	2"	11.0	282.1
011	APW08	JC	7/9/24 12:55	37.85	84.20	JC	7/9/2024	12:56	13:15	Bladder Pump	2"	4.0	210.5
012	APW09	BG	7/2/24 13:48	27.29	65.00	BG	7/2/2024	13:48	14:19	Submersible Pump	2"	11.0	354.8
013	APW10	TAC	7/2/24 12:43	18.56	48.70	TAC	7/2/2024	12:44	13:04	Bladder Pump	2"	5.5	275.0
014	APW11	TAC	7/2/24 10:39	25.00	67.60	TAC	7/2/2024	10:39	11:03	Bladder Pump	2"	5.5	229.2
015	APW12	TAC	7/2/24 11:36	16.00	33.00	TAC	7/2/2024	11:36	11:57	Bladder Pump	2"	7.0	333.3
016	APW13	TAC	7/2/24 13:39	32.97	66.30	TAC	7/2/2024	13:39	14:11	Bladder Pump	2"	9.0	281.3
019	APW16	JC	7/10/24 8:41	40.31	87.50	JC	7/10/2024	08:43	09:03	Bladder Pump	2"	4.0	200.0
020	APW17	JC	7/9/24 12:00	41.50	94.70	JC	7/9/2024	12:03	12:38	Bladder Pump	2"	5.5	157.1
021	APW18	JC	7/9/24 10:13	52.02	82.70	JC	7/9/2024	10:14	11:02	Bladder Pump	2"	9.0	187.5
022	G06D	TAC	7/10/24 9:13	28.83	96.60	TAC	7/10/2024	09:26	10:04	Bladder Pump	2"	4.0	105.3
023	G104	JC	7/8/24 11:01	7.82	42.96	JC	7/8/2024	10:55	11:46	Bladder Pump	2"	5.0	98.0
024	G104D	JC	7/1/24 10:50	8.74	88.80								
025	G104S	JC	7/1/24 10:55	8.64	25.20								
026	G105	BG	7/9/24 10:02	10.68	25.80	BG	7/9/2024	10:02	10:22	Peristaltic Pump	2"	4.5	225.0
027	G106	JC	7/9/24 8:53	24.32	35.70	JC	7/9/2024	09:04	09:50	Bladder Pump	2"	6.0	130.4
028	G109	JC	7/1/24 14:35	9.88	24.10								
029	G111	JC	7/1/24 14:22	9.56	21.90								
030	G112	JC	7/1/24 14:13	9.53	23.60								
031	G113	JC	7/1/24 13:34	22.51	34.20								
032	G114	JC	7/1/24 14:51	18.29	44.68								
033	G115	JC	7/1/24 11:50	8.18	19.60								
034	G116	BG	7/11/24 8:58	5.89	21.80	BG	7/11/2024	08:59	09:24	Peristaltic Pump	2"	3.5	140.0
035	G117	JC	7/1/24 15:03	14.64	21.80								
036	G118	TAC	7/1/24 12:00	14.02	22.70								
037	G119	TAC	7/1/24 14:41	9.85	22.80								
038	G120	JC	7/1/24 14:27	10.79	23.70								
039	G125	BG	7/10/24 9:10	3.02	22.80	BG	7/10/2024	09:10	09:40	Peristaltic Pump	2"	6.0	200.0
040	G128	JC	7/10/24 12:21	2.03	30.20	JC	7/10/2024	12:24	12:36	Peristaltic Pump	2"	2.0	166.7

Site Sampling Event: NEW- 3Q24
LIMS Workorder: 24061026
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Summary
Newton- 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)
041	G130	BG	7/10/24 11:10	6.25	21.90	BG	7/10/2024	11:10	11:26	Peristaltic Pump	2"	5.0	312.5
042	G133	BG	7/10/24 10:10	12.33	27.90	BG	7/10/2024	10:20	10:52	Submersible Pump	2"	4.0	125.0
043	G136	BG	7/10/24 11:45	7.45	22.30	BG	7/10/2024	11:45	12:06	Peristaltic Pump	2"	5.0	238.1
044	G139	BG	7/10/24 12:17	7.25	22.90	BG	7/10/2024	12:17	12:37	Peristaltic Pump	2"	6.0	300.0
045	G141	BG	7/9/24 10:41	15.49	25.32	BG	7/9/2024	10:41	11:18	Peristaltic Pump	2"	6.0	162.2
046	G201	JC	7/10/24 11:38	17.18	69.50	JC	7/10/2024	11:41	11:55	Bladder Pump	2"	2.0	142.9
047	G202	TAC	7/9/24 12:12	47.98	76.80	TAC	7/9/2024	12:12	12:56	Bladder Pump	2"	8.0	181.8
048	G203	TAC	7/9/24 13:10	41.48	74.90	TAC	7/9/2024	13:10	13:31	Bladder Pump	2"	8.0	381.0
049	G208	-	-	-	96.60								
050	G217S	BG	7/10/24 13:19	7.37	21.40	BG	7/10/2024	13:19	13:40	Peristaltic Pump	2"	4.0	190.5
051	G218	BG	7/1/24 12:45	19.14	90.60								
052	G220	TAC	7/10/24 10:34	17.00	88.40	TAC	7/10/2024	10:34	10:59	Bladder Pump	2"	2.0	80.0
053	G221	JC	7/2/24 12:00	23.48	86.90	JC	7/2/2024	12:05	12:48	Bladder Pump	2"	4.0	93.0
055	G223	TAC	7/10/24 11:38	32.84	91.00	TAC	7/10/2024	11:38	11:58	Bladder Pump	2"	4.0	200.0
057	G225	bg	7/9/24 8:55	9.99	24.70	BG	7/9/2024	08:55	09:28	Peristaltic Pump	2"	4.0	121.2
058	G230	JC	7/2/24 13:12	48.31	81.03	JC	7/2/2024	13:13	13:41	Bladder Pump	2"	4.0	142.9
059	G231	JC	7/10/24 10:46	47.55	79.76	JC	7/10/2024	10:49	11:19	Bladder Pump	2"	5.5	183.3
060	G232	TAC	7/9/24 10:56	45.92	77.66	TAC	7/9/2024	10:56	11:27	Bladder Pump	2"	9.0	290.3
061	G233	TAC	7/9/24 9:11	42.86	76.24	TAC	7/9/2024	09:12	09:41	Bladder Pump	2"	4.5	155.2
062	G234	TAC	7/8/24 11:11	43.44	73.81	TAC	7/8/2024	11:11	12:01	Bladder Pump	2"	14.5	290.0
063	G48MG	JC	7/11/24 8:30	18.94	79.90	JC	7/11/2024	08:37	08:52	Submersible Pump	2"	6.0	400.0
064	L1R	BG	7/11/24 10:16	53.69	60.11	BG	7/10/2024	10:17	10:20	Direct Grab	2"		
065	L201	TAC	7/1/24 12:47	36.62	-								
066	L202	TAC	7/1/24 12:56	39.64	-								
067	L203	TAC	7/1/24 14:00	31.95	-								
068	L204	TAC	7/1/24 14:12	48.73	-								
069	L205	TAC	7/1/24 14:05	32.73	-								
070	L301	BG	-	-	-	BG	7/11/2024	09:55	10:02	Bladder Pump		1.5	214.3
071	R217D	JC	7/2/24 10:46	19.25	67.80	JC	7/2/2024	10:47	11:34	Bladder Pump	2"	5.0	106.4
072	R219	JC	7/10/24 13:07	20.65	64.27	JC	7/10/2024	13:11	13:41	Submersible Pump	2"	7.0	233.3
073	SG02	BG	7/1/24 14:33	2.91	-								
074	XPW01	TAC	7/10/24 13:14	10.66	20.10	TAC	7/10/2024	13:14	13:44	Bladder Pump	2"	7.0	233.3
075	XPW02	JC	7/11/24 9:13	7.62	18.50	JC	7/11/2024	09:13	09:25	Bladder Pump	2"	3.0	250.0
076	XPW03	TAC	7/11/24 9:46	9.74	22.80	TAC	7/11/2024	09:46	10:04	Bladder Pump	2"	4.0	222.2
077	XPW04	TAC	7/11/24 8:46	12.01	22.60	TAC	7/11/2024	08:47	09:22	Bladder Pump	2"	8.0	228.6
078	XSG01	BG	7/1/24 12:21	6.73									

Site Sampling Event: NEW- 3Q24
LIMS Workorder: 24061026
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Summary
Newton- 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)
079	Field Blank												
080	A213 Duplicate	JC	7/2/24 9:12	19.20	61.00	JC	7/2/2024	09:15	09:43	Bladder Pump	2"	3.0	107.1
082	G104 Duplicate	JC	7/8/24 11:01	7.82	42.96	JC	7/8/2024	10:55	11:46	Bladder Pump	2"	5.0	98.0
083	Equipment Blank 1									Direct Grab			
084	Equipment Blank 2												
085	Equipment Blank 3												
086	LREP												
087	R217D	JC	7/10/24 9:21	20.63	67.80	JC	7/10/2024	09:23	09:32	Bladder Pump	2"	3.5	388.9
088	G230	JC	7/10/24 9:45	49.12	81.03	JC	7/10/2024	09:49	10:02	Bladder Pump	2"	2.5	192.3
089	G221	JC	7/10/24 10:03	26.88	86.90	JC	7/10/2024	10:05	10:25	Bladder Pump	2"	3.0	150.0
090	APW02	JC	8/7/24 13:00	5.14	23.70	JC	8/7/2024	13:01	13:31	Peristaltic Pump	2"	6.0	200.0
091	APW05S	BG	8/7/24 9:39	10.55	22.90	BG	8/7/2024	09:39	10:08	Peristaltic Pump	2"	3.5	120.7
092	APW14	JC	8/7/24 12:14	20.95	57.40	JC	8/7/2024	12:15	12:38	Bladder Pump	2"	4.0	173.9
093	APW15	JC	8/7/24 11:37	21.21	105.60	JC	8/7/2024	11:37	11:55	Bladder Pump	2"	3.5	194.4
094	APW19S	BG	8/7/24 11:04	5.99	20.34	BG	8/7/2024	11:04	11:25	Peristaltic Pump	2"	4.0	190.5
095	APW20S	BG	8/7/24 11:45	20.59	27.40	BG	8/7/2024	11:45	12:29	Peristaltic Pump	2"	4.5	102.3
096	APW21S	BG	8/7/24 10:20	11.51	22.70	BG	8/7/2024	10:20	10:48	Peristaltic Pump	2"	5.0	178.6
097	APW22S	JC	8/8/24 8:48	8.92	26.25	JC	8/8/2024	08:49	09:20	Peristaltic Pump	2"	5.5	177.4
098	APW23S	JC	8/8/24 9:37	7.71	22.40	JC	8/8/2024	09:39	10:25	Peristaltic Pump	2"	8.5	184.8
099	APW23	JC	8/8/24 10:28	14.40	46.02	JC	8/8/2024	10:35	10:55	Peristaltic Pump	2"	4.0	200.0
100	G222	JC	8/7/24 11:00	16.30	81.30	JC	8/7/2024	11:02	11:18	Bladder Pump	2"	3.0	187.5
101	G224	JC	8/7/24 10:22	42.55	75.50	JC	8/7/2024	10:24	10:51	Bladder Pump	2"	5.0	185.2
102	Field Blank 2				-					Direct Grab			
103	APW02 Duplicate	JC	8/7/24 13:00	5.14	23.70	JC	8/7/2024	13:01	13:31	Peristaltic Pump	2"	6.0	200.0
104	APW19S Duplicate	BG	8/7/24 11:04	5.99	20.34	BG	8/7/2024	11:04	11:25	Peristaltic Pump	2"	4.0	190.5
105	Equipment Blank 2				-					Direct Grab			
106	Equipment Blank 3				-					Direct Grab			

Site Sampling Event: NEW- 3Q24
LIMS Workorder: 24061026
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Summary
Newton- 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	A213	JC	07/02/24	09:43	Low Flow	44387	Yes	Clear	None	none	25.87	6.67
002	A214	BG	07/02/24	10:29	Low Flow	45720	Yes	Slightly cloudy	None	LT GRAY	40.49	-0.75
003	A215	BG	07/02/24	11:17	Low Flow	45720	Yes	Slightly cloudy	None	Cloudy/clear	43.76	-0.6
005	APW03	BG	07/08/24	12:11	Low Flow	45720	Yes	Clear	None	CLEAR	6.63	-1.12
006	APW04	BG	07/08/24	11:25	Low Flow	45720	Yes	Clear	None	CLEAR	6.23	1.09
007	APW05	TAC	07/02/24	10:13	Low Flow	218083	Yes	Clear	None	Clear	14.37	0.11
009	APW06	BG	07/02/24	12:26	Low Flow	45720	Yes	Clear	None	CLEAR	17.98	-1.38
010	APW07	BG	07/02/24	13:27	Low Flow	45720	Yes	Cloudy	None	LT GRAY	45.79	-1.32
011	APW08	JC	07/09/24	13:15	Low Flow	51294	Yes	Clear	Slight	none	37.85	0
012	APW09	BG	07/02/24	14:19	Low Flow	45720	Yes	Clear	None	CLEAR	26.19	-1.1
013	APW10	TAC	07/02/24	13:04	Low Flow	218083	No	Clear	None	Clear	18.78	0.22
014	APW11	TAC	07/02/24	11:03	Low Flow	218083	No	Clear	None	Clear	25.19	0.19
015	APW12	TAC	07/02/24	11:57	Low Flow	218083	No	Clear	None	Clear	16.08	0.08
016	APW13	TAC	07/02/24	14:11	Low Flow	218083	No	Clear	None	Clear	34.36	1.39
019	APW16	JC	07/10/24	09:03	Low Flow	51294	No	Clear	Moderate	none	40.31	0
020	APW17	JC	07/09/24	12:38	Low Flow	51294	Yes	Clear	Slight	none	41.50	0
021	APW18	JC	07/09/24	11:02	Low Flow	51294	No	Clear	Strong	none	52.02	0
022	G06D	TAC	07/10/24	10:04	Low Flow	218083	No	Clear	None	Clear	35.72	6.89
023	G104	JC	07/08/24	11:46	Low Flow	51294	Yes	Slightly cloudy	None	lt brown	10.90	3.08
024	G104D											
025	G104S											
026	G105	BG	07/09/24	10:22	Low Flow	45720	Yes	Clear	Strong	CLEAR	10.89	0.21
027	G106	JC	07/09/24	09:50	Low Flow	51294	Yes	Slightly cloudy	None	none	24.89	0.57
028	G109											
029	G111											
030	G112											
031	G113											
032	G114											
033	G115											
034	G116	BG	07/11/24	09:24	Low Flow	45720	Yes	Clear	None	CLEAR	6.08	0.19
035	G117											
036	G118											
037	G119											
038	G120											
039	G125	bg	07/10/24	09:40	Low Flow	45720	Yes	Clear	None	CLEAR	3.78	0.76
040	G128	JC	07/10/24	12:36	Low Flow	51294	Yes	Clear	None	none	8.94	6.91

Site Sampling Event: NEW- 3Q24
LIMS Workorder: 24061026
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Summary
Newton- 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)
041	G130	BG	07/10/24	11:26	Low Flow	45720	Yes	Clear	Slight	CLEAR	6.77	**0.52**
042	G133	BG	07/10/24	10:52	Low Flow	45720	Yes	Clear	None	Clear	12.56	0.23
043	G136	BG	07/10/24	12:06	Low Flow	45720	Yes	Clear	Slight	CLEAR	8.12	**0.67**
044	G139	BG	07/10/24	12:37	Low Flow	45720	Yes	Clear	None	CLEAR	7.46	0.21
045	G141	BG	07/09/24	11:18	Low Flow	45720	No	Clear	Slight	CLEAR	16.21	**0.72**
046	G201	JC	07/10/24	11:55	Low Flow	51294	No	Slightly cloudy	Slight	none	17.18	0
047	G202	TAC	07/09/24	12:56	Low Flow	218083	No	Clear	None	None	48.02	0.04
048	G203	TAC	07/09/24	13:31	Low Flow	218083	No	Clear	None	None	41.55	0.07
049	G208											
050	G217S	BG	07/10/24	13:40	Low Flow	45720	Yes	Clear	None	CLEAR	7.73	0.36
051	G218											
052	G220	TAC	07/10/24	10:59	Low Flow	218083	No	Cloudy	None	None	21.33	**4.33**
053	G221	JC	07/02/24	12:48	Low Flow	51294	Yes	Slightly cloudy	Slight	lt brown	29.09	**5.61**
055	G223	TAC	07/10/24	11:58	Low Flow	218083	No	Clear	None	None	36.08	**3.24**
057	G225	BG	07/08/24	09:28	Low Flow	45720	Yes	Clear	Slight	CLEAR	10.08	0.09
058	G230	JC	07/02/24	13:41	Low Flow	44387	Yes	Slightly cloudy	Slight	none	48.60	0.29
059	G231	JC	07/10/24	11:19	Low Flow	51294	Yes	Slightly cloudy	Slight	none	47.55	0
060	G232	TAC	07/09/24	11:27	Low Flow	218083	Yes	Clear	None	None	45.95	0.03
061	G233	TAC	07/09/24	09:41	Low Flow	218083	Yes	Clear	None	None	42.22	-0.64
062	G234	TAC	07/08/24	12:01	Low Flow	218083	Yes	Slightly cloudy	None	None	43.62	0.18
063	G48MG	JC	07/11/24	08:52	Low Flow	51294	No	Clear	None	none	19.04	0.1
064	L1R	BG	07/10/24	10:20	Direct Sample	#REF!	No	Cloudy	Moderate	DARK GRAY		
065	L201											
066	L202											
067	L203											
068	L204											
069	L205											
070	L301	BG	07/11/24	10:02	Low Flow	45720	No	Clear	Slight	CLEAR		
071	R217D	JC	07/02/24	11:34	Low Flow	44387	Yes	Cloudy	None	lt brown	20.24	**0.99**
072	R219	JC	07/10/24	13:41	Low Flow	51294	Yes	Slightly cloudy	None	lt brown	29.68	**9.03**
073	SG02											
074	XPW01	TAC	07/10/24	13:44	Low Flow	218083	No	Clear	None	Dark Brown	10.66	0
075	XPW02	JC	07/11/24	09:25	Low Flow	51294	No	Clear	Moderate	none	7.62	0
076	XPW03	TAC	07/11/24	10:04	Low Flow	218083	No	Clear	None	None	9.74	0
077	XPW04	TAC	07/11/24	09:22	Low Flow	218083	No	Clear	Slight	None	12.08	0.07
078	XSG01											

Site Sampling Event: NEW- 3Q24
LIMS Workorder: 24061026
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Summary
Newton- 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)
079	Field Blank	JC	07/11/24	10:05	Direct Sample	-	No	Clear	None	None		
080	A213 Duplicate	JC	07/02/24	09:43	Low Flow	44387	Yes	Clear	None	none	25.87	6.67
082	G104 Duplicate	JC	07/08/24	11:46	Low Flow	51294	Yes	Slightly cloudy	None	lt brown	10.90	3.08
083	Equipment Blank 1	JC	07/11/24	10:15	Direct Sample	-	No	Clear	None	None	-	-
084	Equipment Blank 2											
085	Equipment Blank 3											
086	LREP											
087	R217D	JC	07/10/24	09:32	Low Flow	51294	Yes	Cloudy	None	lt brown	20.96	0.33
088	G230	JC	07/10/24	10:02	Low Flow	51294	Yes	Slightly cloudy	Slight	none	49.53	0.41
089	G221	JC	07/10/24	10:25	Low Flow	51294	Yes	Slightly cloudy	Slight	lt brown	30.22	3.34
090	APW02	JC	08/07/24	13:31	Low Flow	218074	Yes	Clear	None	none	5.28	0.14
091	APW05S	BG	08/07/24	10:08	Low Flow	45985	Yes	Clear	None	CLEAR	11.36	0.81
092	APW14	JC	08/07/24	12:38	Low Flow	218074	Yes	Clear	None	none	22.48	1.53
093	APW15	JC	08/07/24	11:55	Low Flow	218074	Yes	Slightly cloudy	Slight	lt brown	21.21	0
094	APW19S	BG	08/07/24	11:25	Low Flow	45985	Yes	Slightly cloudy	None	CLEAR	6.14	0.15
095	APW20S											
096	APW21S	BG	08/07/24	10:48	Low Flow	45985	Yes	Slightly cloudy	None	CLEAR	11.78	0.27
097	APW22S	JC	08/08/24	09:20	Low Flow	218074	Yes	Clear	None	none	11.13	2.21
098	APW23S	JC	08/08/24	10:25	Low Flow	218074	Yes	Clear	None	none	11.85	4.14
099	APW23	JC	08/08/24	10:55	Low Flow	218074	Yes	Clear	None	none	15.03	0.63
100	G222	JC	08/07/24	11:18	Low Flow	218074	No	Clear	None	none	17.98	1.68
101	G224	JC	08/07/24	10:51	Low Flow	218074	No	Clear	None	none	42.55	0
102	Field Blank 2	JC	08/08/24	11:05	Direct Sample	-	No					
103	APW02 Duplicate	JC	08/07/24	13:31	Low Flow	218074	Yes	Clear	None	none	5.28	0.14
104	APW19S Duplicate	BG	08/07/24	11:25	Low Flow	45985	Yes	Slightly cloudy	None	CLEAR	6.14	0.15
105	Equipment Blank 2	JC	08/08/24	11:13	Direct Sample	-	No					
106	Equipment Blank 3	JC	08/07/24	13:45	Direct Sample	-	No					

Site Sampling Event: NEW- 3Q24
LIMS Workorder: 24061026
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Summary
Newton- 3Q 2024

WO Sample	Well ID	COMMENTS
001	A213	
002	A214	
003	A215	
005	APW03	
006	APW04	
007	APW05	
009	APW06	
010	APW07	
011	APW08	
012	APW09	
013	APW10	
014	APW11	
015	APW12	
016	APW13	
019	APW16	
020	APW17	
021	APW18	
022	G06D	
023	G104	
024	G104D	
025	G104S	
026	G105	
027	G106	
028	G109	
029	G111	
030	G112	
031	G113	
032	G114	
033	G115	
034	G116	
035	G117	
036	G118	
037	G119	
038	G120	
039	G125	
040	G128	

Site Sampling Event: NEW- 3Q24
LIMS Workorder: 24061026
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Summary
Newton- 3Q 2024

WO Sample	Well ID	COMMENTS
041	G130	
042	G133	
043	G136	
044	G139	
045	G141	
046	G201	
047	G202	Obstruction in well at 40+ feet have to lift water level tape up and drop it to get past whatever it is to touch water level
048	G203	
049	G208	obstruction in well. Well opened upon arrival. JC
050	G217S	
051	G218	
052	G220	
053	G221	
055	G223	
057	G225	
058	G230	
059	G231	
060	G232	
061	G233	
062	G234	
063	G48MG	
064	L1R	
065	L201	Would not connect to the Vu Situ app
066	L202	
067	L203	
068	L204	
069	L205	
070	L301	
071	R217D	well lid cant close bc pump is too high. Glove is over top of pump. JC
072	R219	no pump in well. JC
073	SG02	
074	XPW01	
075	XPW02	
076	XPW03	Lid will not needs more PVC cut for Tranducer fitting for lid to close right
077	XPW04	
078	XSG01	

Site Sampling Event: NEW- 3Q24
LIMS Workorder: 24061026
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Summary
Newton- 3Q 2024

WO Sample	Well ID	COMMENTS
079	Field Blank	
080	A213 Duplicate	
082	G104 Duplicate	
083	Equipment Blank 1	
084	Equipment Blank 2	Not required
085	Equipment Blank 3	Not required
086	LREP	Leachate tank not operable
087	R217D	*resample from 2Q
088	G230	*resample from 2Q
089	G221	*resample from 2Q
090	APW02	
091	APW05S	
092	APW14	
093	APW15	
094	APW19S	
095	APW20S	Well dry during stabilization; recheck on 8/8, no recharge; no sample
096	APW21S	
097	APW22S	
098	APW23S	
099	APW23	
100	G222	
101	G224	
102	Field Blank 2	
103	APW02 Duplicate	
104	APW19S Duplicate	
105	Equipment Blank 2	
106	Equipment Blank 3	

Site Sampling Event: NEW- 3Q24

Stabilizaed Field Parameters Summary

LIMS Workorder: 24061026

Newton- 3Q 2024

Technician(s): DC, JC, TC, BG, PY

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
A213	7/2/2024	9:43	22.9	73.3	6.97	4,220.5	1.74	5.38	184.7	19.20	24061026-001A
A214	7/2/2024	10:29	17.1	62.7	7.42	1,238.4	1.22	440.07	-53.9	41.24	24061026-002A
A215	7/2/2024	11:17	18.2	64.7	7.17	3,149.3	1.10	238.44	-51.8	44.36	24061026-003A
APW03	7/8/2024	12:11	31.2	88.2	6.89	933.5	0.98	57.20	83.8	7.75	24061026-005A
APW04	7/8/2024	11:25	23.5	74.3	6.86	2,016.5	1.53	51.99	78.9	5.14	24061026-006A
APW05	7/2/2024	10:13	15.5	59.9	7.60	997.0	0.24	20.60	-153.3	14.26	24061026-007A
APW06	7/2/2024	12:26	15.3	59.5	7.73	819.9	0.98	159.61	-98.9	19.36	24061026-009A
APW07	7/2/2024	13:27	15.3	59.5	7.47	1,022.5	1.03	168.95	-86.4	47.11	24061026-010A
APW08	7/9/2024	13:15	15.2	59.4	7.33	1,085.1	0.15	8.71	-32.4	37.85	24061026-011A
APW09	7/2/2024	14:19	14.9	58.9	7.59	1,405.6	0.98	16.51	-94.9	27.29	24061026-012A
APW10	7/2/2024	13:04	16.2	61.2	7.14	1,582.5	0.27	20.00	9.1	18.56	24061026-013A
APW11	7/2/2024	11:03	17.1	62.8	7.01	1,310.1	0.35	63.87	-62.6	25.00	24061026-014A
APW12	7/2/2024	11:57	14.8	58.6	6.49	2,321.7	0.22	1.34	47.5	16.00	24061026-015A
APW13	7/2/2024	14:11	16.0	60.7	7.07	1,472.3	0.26	57.62	-110.5	32.97	24061026-016A
APW16	7/10/2024	9:03	15.0	59.1	7.46	1,261.5	0.33	8.01	-107.6	40.31	24061026-019A
APW17	7/9/2024	12:38	16.0	60.7	7.45	1,131.1	0.49	19.33	-98.0	41.50	24061026-020A
APW18	7/9/2024	11:02	15.4	59.6	7.68	987.2	0.12	4.90	-171.6	52.02	24061026-021A
G06D	7/10/2024	10:04	16.7	62.1	7.03	1,521.6	0.53	73.60	-130.2	28.83	24061026-022A
G104	7/8/2024	11:46	21.2	70.1	6.76	1,324.1	0.85	201.94	138.1	7.82	24061026-023A
G104D	7/1/2024	10:50	DTW Only							8.74	24061026-024A
G104S	7/1/2024	10:55	DTW Only							8.64	24061026-025A
G105	7/9/2024	10:22	17.1	62.8	6.89	1,981.8	2.05	8.43	-48.6	10.68	24061026-026A
G106	7/9/2024	9:50	17.0	62.5	6.66	3,671.8	0.65	83.14	21.0	24.32	24061026-027A
G109	7/1/2024	14:35	DTW Only							9.88	24061026-028A
G111	7/1/2024	14:22	DTW Only							9.56	24061026-029A
G112	7/1/2024	14:13	DTW Only							9.53	24061026-030A
G113	7/1/2024	13:34	DTW Only							22.51	24061026-031A
G114	7/1/2024	14:51	DTW Only							18.29	24061026-032A
G115	7/1/2024	11:50	DTW Only							8.18	24061026-033A
G116	7/11/2024	9:24	19.0	66.2	7.18	896.2	2.02	7.47	55.1	5.89	24061026-034A
G117	7/1/2024	15:03	DTW Only							14.64	24061026-035A
G118	7/1/2024	12:00	DTW Only							14.02	24061026-036A
G119	7/1/2024	14:41	DTW Only							9.85	24061026-037A
G120	7/1/2024	14:27	DTW Only							10.79	24061026-038A
G125	7/10/2024	9:40	20.0	68.0	6.76	3,592.7	2.22	37.33	86.0	3.02	24061026-039A
G128	7/10/2024	12:36	21.4	70.6	6.68	15,549.4	0.65	23.14	21.0	2.03	24061026-040A
G130	7/10/2024	11:26	18.7	65.6	6.49	10,928.4	1.46	23.01	114.1	6.25	24061026-041A
G133	7/10/2024	10:52	19.7	67.5	6.99	4,367.8	2.93	54.02	93.5	12.33	24061026-042A
G136	7/10/2024	12:06	18.1	64.6	7.03	4,198.8	3.18	9.74	104.7	7.45	24061026-043A
G139	7/10/2024	12:37	20.0	68.0	6.94	5,985.3	5.27	20.18	80.8	7.25	24061026-044A
G141	7/9/2024	11:18	19.3	66.7	7.13	1,970.1	2.37	6.71	51.0	15.49	24061026-045A
G201	7/10/2024	11:55	22.2	72.0	7.50	1,242.5	0.45	28.53	-103.2	17.18	24061026-046A
G202	7/9/2024	12:56	16.1	60.9	7.30	1,238.2	0.24	101.40	-139.3	47.98	24061026-047A

Site Sampling Event: NEW- 3Q24

LIMS Workorder: 24061026

Technician(s): DC, JC, TC, BG, PY

Stabilizaed Field Parameters Summary

Newton- 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
G203	7/9/2024	13:31	14.8	58.6	7.21	1,186.0	0.18	111.45	-129.7	41.48	24061026-048A
G208	*Well unable to be sampled*										24061026-049A
G217S	7/10/2024	13:40	24.8	76.6	7.05	6,336.3	7.20	7.41	126.7	7.37	24061026-050A
G218	7/1/2024	12:45	DTW Only							19.14	24061026-051A
G220	7/10/2024	10:59	21.2	70.1	6.89	1,264.0	0.24	13.60	-121.8	17.00	24061026-052A
G221	7/2/2024	12:48	37.6	99.7	6.76	2,748.2	0.51	35.50	-108.4	23.48	24061026-053A
G223	7/10/2024	11:58	19.0	66.2	6.85	3,655.5	0.19	95.09	-78.9	32.84	24061026-055A
G225	7/9/2024	9:28	17.6	63.7	7.24	1,186.9	3.20	4.09	76.1	9.99	24061026-057A
G230	7/2/2024	13:41	17.5	63.4	7.31	2,698.3	0.47	67.18	-104.8	48.31	24061026-058A
G231	7/10/2024	11:19	16.3	61.4	7.44	1,213.0	0.07	160.17	-119.8	47.55	24061026-059A
G232	7/9/2024	11:27	16.2	61.2	7.23	1,186.7	0.18	100.53	-147.3	45.92	24061026-060A
G233	7/9/2024	9:41	15.7	60.3	7.13	1,533.6	0.57	108.79	-131.2	42.86	24061026-061A
G234	7/8/2024	12:01	16.2	61.1	7.31	1,186.4	0.16	87.19	-161.7	43.44	24061026-062A
G48MG	7/11/2024	8:52	16.2	61.2	7.63	797.5	0.25	9.02	-70.1	18.94	24061026-063A
L1R	7/11/2024	10:20	23.4	74.1	10.76	48,689.6	2.40	718.97	-10.9	N/A	24061026-064A
L201	7/1/2024	12:47	DTW Only							36.62	24061026-065A
L202	7/1/2024	12:56	DTW Only							39.64	24061026-066A
L203	7/1/2024	14:00	DTW Only							31.95	24061026-067A
L204	7/1/2024	14:12	DTW Only							48.73	24061026-068A
L205	7/1/2024	14:05	DTW Only							32.73	24061026-069A
L301	7/11/2024	10:02	17.6	63.7	10.17	4,985.0	2.94	2.22	51.7	N/A	24061026-070A
R217D	7/2/2024	11:34	26.4	79.6	6.45	6,932.4	0.59	74.23	6.5	19.25	24061026-071A
R219	7/10/2024	13:41	22.6	72.6	7.36	1,729.6	0.26	38.99	-92.8	20.65	24061026-072A
SG02	7/1/2024	14:33	DTW Only							2.91	24061026-073A
XPW01	7/10/2024	13:44	17.1	62.7	12.30	9,791.7	0.07	8.17	-429.5	10.66	24061026-074A
XPW02	7/11/2024	9:25	16.6	61.8	10.12	539.9	0.10	4.00	-228.9	7.62	24061026-075A
XPW03	7/11/2024	10:04	16.4	61.6	11.52	1,420.2	0.19	8.42	-270.8	9.74	24061026-076A
XPW04	7/11/2024	9:22	17.1	62.8	11.08	7,003.7	0.09	44.84	-355.3	12.01	24061026-077A
XSG01	7/1/2024	12:21	DTW Only							6.73	24061026-078A
Field Blank	7/11/2024	10:05	QA/QC Sample								24061026-079A
A213 Duplicate	7/2/2024	9:43	22.9	73.3	6.97	4,220.5	1.74	5.38	184.7	19.20	24061026-080A
G104 Duplicate	7/8/2024	11:46	21.2	70.1	6.76	1,324.1	0.85	201.94	138.1	7.82	24061026-082A
Equipment Blank 1	7/11/2024	10:15	QA/QC Sample								24061026-083A
LREP	*Unable to collect sample; leachate tank inoperable*										24061026-086A
R217D	7/10/2024	9:32	18.9	66.0	6.55	3,711.1	0.40	72.18	24.1	20.63	24061026-087A
G230	7/10/2024	10:02	15.5	60.0	7.38	1,396.4	0.25	86.53	-88.3	49.12	24061026-088A
G221	7/10/2024	10:25	17.0	62.6	6.96	1,434.1	0.06	12.13	-77.5	26.88	24061026-089A
APW02	8/7/2024	13:31	18.2	64.8	6.72	4,924.1	1.64	22.89	43.8	5.14	24061026-090A
APW05S	8/7/2024	10:08	16.3	61.3	6.45	3,869.9	1.98	310.46	122.5	10.55	24061026-091A
APW14	8/7/2024	12:38	17.2	62.9	7.28	1,512.9	1.77	5.19	-89.9	20.95	24061026-092A
APW15	8/7/2024	11:55	16.7	62.1	7.11	1,997.6	0.79	336.69	-140.3	21.21	24061026-093A
APW19S	8/7/2024	11:25	19.7	67.4	6.31	3,971.9	3.08	10.14	49.3	5.99	24061026-094A
APW20S	8/7/2024	12:29	*Well went dry during stabilization; no sample*								24061026-095A

Site Sampling Event: NEW- 3Q24
LIMS Workorder: 24061026
Technician(s): DC, JC, TC, BG, PY

Stabilizaed Field Parameters Summary
Newton- 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
APW21S	8/7/2024	10:48	19.0	66.3	6.73	1,272.3	3.34	9.24	102.2	11.51	24061026-096A
APW22S	8/8/2024	9:20	18.0	64.4	6.27	6,943.4	1.36	6.01	172.3	8.92	24061026-097A
APW23S	8/8/2024	10:25	20.9	69.7	7.06	2,661.1	1.75	7.56	34.1	7.71	24061026-098A
APW23	8/8/2024	10:55	19.9	67.8	7.42	1,441.5	4.32	163.96	-126.9	14.40	24061026-099A
G222	8/7/2024	11:18	16.3	61.4	7.33	1,751.1	0.82	12.34	-146.6	16.30	24061026-100A
G224	8/7/2024	10:51	16.9	62.4	7.38	1,179.3	0.86	236.21	-137.6	42.55	24061026-101A
Field Blank 2	8/8/2024	11:05	QA/QC Sample								24061026-102A
APW02 Duplicate	8/7/2024	13:31	18.2	64.8	6.72	4,924.1	1.64	22.89	43.8	5.14	24061026-103A
APW19S Duplicate	8/7/2024	11:25	19.7	67.4	6.31	3,971.9	3.08	10.14	49.3	5.99	24061026-104A
Equipment Blank 2	8/8/2024	11:13	QA/QC Sample								24061026-105A
Equipment Blank 3	8/7/2024	13:45	QA/QC Sample								24061026-106A

Site Sampling Event: NEW- 3Q24
LIMS Workorder: 24061026
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Newton- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G06D	7/10/2024	9:43	28.83	16.0	60.8	6.94	1,538.0	0.68	51.97	-127.2
G06D	7/10/2024	9:46	28.83	16.1	61.0	6.98	1,534.0	0.63	100.03	-128.7
G06D	7/10/2024	9:49	28.83	16.2	61.2	7.00	1,530.6	0.59	76.66	-130.1
G06D	7/10/2024	9:52	28.83	16.2	61.2	7.01	1,526.2	0.57	65.06	-129.8
G06D	7/10/2024	9:55	28.83	16.3	61.3	7.02	1,523.8	0.54	89.42	-130.5
G06D	7/10/2024	9:58	28.83	16.4	61.5	7.02	1,520.1	0.54	49.75	-130.4
G06D	7/10/2024	10:01	28.83	16.6	61.8	7.03	1,519.5	0.53	43.07	-130.6
G06D	7/10/2024	10:04	28.83	16.7	62.1	7.03	1,521.6	0.53	73.60	-130.2

Site Sampling Event: NEW- 3Q24
LIMS Workorder: 24061026
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Newton- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G201	7/10/2024	11:46	17.18	18.8	65.9	7.54	1,226.2	1.09	34.27	-86.3
G201	7/10/2024	11:49	17.18	20.6	69.0	7.51	1,229.8	0.66	29.86	-96.0
G201	7/10/2024	11:52	17.18	21.5	70.7	7.50	1,237.9	0.52	27.60	-100.2
G201	7/10/2024	11:55	17.18	22.2	72.0	7.50	1,242.5	0.45	28.53	-103.2

Site Sampling Event: NEW- 3Q24
LIMS Workorder: 24061026
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Newton- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G202	7/9/2024	12:32	47.98	16.4	61.5	7.39	1,273.6	1.10	21.14	-128.7
G202	7/9/2024	12:35	47.98	16.3	61.4	7.36	1,284.6	0.76	30.86	-131.1
G202	7/9/2024	12:38	47.98	16.3	61.4	7.34	1,282.3	0.56	57.60	-133.1
G202	7/9/2024	12:41	47.98	16.3	61.3	7.33	1,276.2	0.44	31.63	-134.9
G202	7/9/2024	12:44	47.98	16.2	61.2	7.32	1,266.3	0.38	67.30	-136.2
G202	7/9/2024	12:47	47.98	16.2	61.1	7.32	1,256.6	0.32	97.27	-137.3
G202	7/9/2024	12:50	47.98	16.1	61.0	7.31	1,249.4	0.29	95.78	-137.8
G202	7/9/2024	12:53	47.98	16.1	60.9	7.30	1,244.1	0.26	63.34	-138.5
G202	7/9/2024	12:56	47.98	16.1	60.9	7.30	1,238.2	0.24	101.40	-139.3

Site Sampling Event: NEW- 3Q24
LIMS Workorder: 24061026
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Newton- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G203	7/9/2024	13:22	41.48	14.6	58.3	7.21	1,221.0	0.28	115.93	-122.5
G203	7/9/2024	13:25	41.48	14.7	58.5	7.21	1,206.2	0.23	133.25	-126.0
G203	7/9/2024	13:28	41.48	14.8	58.6	7.21	1,198.9	0.20	133.32	-128.1
G203	7/9/2024	13:31	41.48	14.8	58.6	7.21	1,186.0	0.18	111.45	-129.7

Site Sampling Event: NEW- 3Q24
LIMS Workorder: 24061026
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Newton- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G208	*Well unable to be sampled*									

Site Sampling Event: NEW- 3Q24
LIMS Workorder: 24061026
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Newton- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G220	7/10/2024	10:47	17.00	21.0	69.8	7.11	1,270.6	0.42	13.44	-102.9
G220	7/10/2024	10:50	17.00	20.9	69.6	7.04	1,268.5	0.34	12.53	-117.7
G220	7/10/2024	10:53	17.00	21.1	70.0	6.99	1,267.0	0.30	12.33	-121.6
G220	7/10/2024	10:56	17.00	21.1	69.9	6.92	1,266.8	0.26	13.81	-122.2
G220	7/10/2024	10:59	17.00	21.2	70.1	6.89	1,264.0	0.24	13.60	-121.8

Site Sampling Event: NEW- 3Q24
LIMS Workorder: 24061026
Technician(s): JC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Newton- 3Q 2024

Well ID	Date	Time	DTW	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G222	8/7/2024	11:06	16.3	16.8	62.2	7.67	1,728.5	2.22	10.89	-140.8
G222	8/7/2024	11:09	16.3	16.4	61.4	7.51	1,737.0	1.09	8.54	-159.0
G222	8/7/2024	11:12	16.3	16.3	61.4	7.38	1,741.5	0.94	12.15	-149.0
G222	8/7/2024	11:15	16.3	16.3	61.4	7.35	1,747.7	0.86	13.70	-146.7
G222	8/7/2024	11:18	16.3	16.3	61.4	7.33	1,751.1	0.82	12.34	-146.6

Site Sampling Event: NEW- 3Q24
LIMS Workorder: 24061026
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Newton- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G223	7/10/2024	11:43	32.84	17.8	64.1	6.78	3,553.1	0.41	8.52	-84.1
G223	7/10/2024	11:46	32.84	19.0	66.2	6.80	3,545.0	0.93	16.49	-95.0
G223	7/10/2024	11:49	32.84	18.9	66.1	6.83	3,588.7	0.40	58.46	-95.3
G223	7/10/2024	11:52	32.84	18.3	64.9	6.85	3,617.8	0.26	95.64	-86.6
G223	7/10/2024	11:55	32.84	18.9	66.1	6.85	3,633.9	0.21	99.06	-81.3
G223	7/10/2024	11:58	32.84	19.0	66.2	6.85	3,655.5	0.19	95.09	-78.9

Site Sampling Event: NEW- 3Q24
LIMS Workorder: 24061026
Technician(s): JC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Newton- 3Q 2024

Well ID	Date	Time	DTW	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G224	8/7/2024	10:33	42.55	17.0	62.6	7.30	1,166.0	7.58	14.91	157.5
G224	8/7/2024	10:36	42.55	17.0	62.5	7.35	1,177.6	3.49	22.00	-67.2
G224	8/7/2024	10:39	42.55	16.9	62.5	7.37	1,179.4	1.80	48.75	-102.6
G224	8/7/2024	10:42	42.55	16.9	62.3	7.37	1,178.7	1.24	129.41	-116.6
G224	8/7/2024	10:45	42.55	16.9	62.3	7.38	1,177.3	1.01	215.15	-129.0
G224	8/7/2024	10:48	42.55	16.9	62.4	7.38	1,177.6	0.91	224.88	-134.7
G224	8/7/2024	10:51	42.55	16.9	62.4	7.38	1,179.3	0.86	236.21	-137.6

Site Sampling Event: NEW- 3Q24
LIMS Workorder: 24061026
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Newton- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G230	7/10/2024	9:53	49.12	15.6	60.1	7.37	1,532.7	0.69	21.65	-30.5
G230	7/10/2024	9:56	49.12	15.6	60.1	7.37	1,487.1	0.32	77.19	-61.8
G230	7/10/2024	9:59	49.12	15.6	60.0	7.38	1,438.8	0.23	77.92	-77.8
G230	7/10/2024	10:02	49.12	15.5	60.0	7.38	1,396.4	0.25	86.53	-88.3

Site Sampling Event: NEW- 3Q24
LIMS Workorder: 24061026
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Newton- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G231	7/10/2024	11:01	47.55	16.7	62.0	7.47	1,341.0	0.18	314.71	-92.3
G231	7/10/2024	11:04	47.55	16.6	61.8	7.46	1,302.5	0.14	254.49	-101.5
G231	7/10/2024	11:07	47.55	16.4	61.6	7.46	1,273.6	0.11	215.19	-107.2
G231	7/10/2024	11:10	47.55	16.3	61.4	7.45	1,254.4	0.10	193.86	-111.8
G231	7/10/2024	11:13	47.55	16.4	61.5	7.45	1,241.1	0.08	167.23	-115.0
G231	7/10/2024	11:16	47.55	16.4	61.4	7.44	1,225.0	0.08	178.98	-117.6
G231	7/10/2024	11:19	47.55	16.3	61.4	7.44	1,213.0	0.07	160.17	-119.8

Site Sampling Event: NEW- 3Q24
LIMS Workorder: 24061026
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Newton- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G232	7/9/2024	11:03	45.92	15.9	60.6	7.21	1,567.3	0.38	148.03	-138.6
G232	7/9/2024	11:06	45.92	15.9	60.7	7.22	1,427.3	0.30	109.31	-142.5
G232	7/9/2024	11:09	45.92	16.1	60.9	7.23	1,326.3	0.25	97.05	-143.9
G232	7/9/2024	11:12	45.92	16.1	61.0	7.23	1,279.9	0.23	132.34	-145.1
G232	7/9/2024	11:15	45.92	16.2	61.1	7.23	1,255.3	0.21	139.66	-145.7
G232	7/9/2024	11:18	45.92	16.3	61.4	7.23	1,227.3	0.19	85.95	-146.6
G232	7/9/2024	11:21	45.92	16.3	61.3	7.23	1,215.1	0.19	113.41	-147.1
G232	7/9/2024	11:24	45.92	16.2	61.2	7.23	1,196.2	0.18	162.26	-147.2
G232	7/9/2024	11:27	45.92	16.2	61.2	7.23	1,186.7	0.18	100.53	-147.3

Site Sampling Event: NEW- 3Q24
LIMS Workorder: 24061026
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Newton- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G233	7/9/2024	9:26	42.86	15.2	59.3	7.05	1,758.9	0.73	92.97	-129.1
G233	7/9/2024	9:29	42.86	15.2	59.3	7.07	1,679.6	0.64	121.98	-130.3
G233	7/9/2024	9:32	42.86	15.2	59.3	7.09	1,602.0	0.59	91.17	-131.2
G233	7/9/2024	9:35	42.86	15.1	59.2	7.11	1,542.4	0.58	105.57	-131.3
G233	7/9/2024	9:38	42.86	15.4	59.7	7.11	1,536.3	0.58	109.37	-131.1
G233	7/9/2024	9:41	42.86	15.7	60.3	7.13	1,533.6	0.57	108.79	-131.2

Site Sampling Event: NEW- 3Q24
LIMS Workorder: 24061026
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Newton- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G48MG	7/11/2024	8:40	18.94	17.2	62.9	7.69	802.7	1.44	32.51	-26.3
G48MG	7/11/2024	8:43	18.94	16.1	61.0	7.66	799.4	0.67	20.83	-46.5
G48MG	7/11/2024	8:46	18.94	16.1	61.1	7.63	797.9	0.44	9.87	-52.5
G48MG	7/11/2024	8:49	18.94	16.1	61.0	7.62	797.9	0.32	7.20	-62.9
G48MG	7/11/2024	8:52	18.94	16.2	61.2	7.63	797.5	0.25	9.02	-70.1

Site Sampling Event: NEW- 3Q24
LIMS Workorder: 24061026
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Newton- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
R217D	7/10/2024	9:26	20.63	18.0	64.5	6.58	3,694.5	0.87	89.00	24.0
R217D	7/10/2024	9:29	20.63	18.5	65.3	6.55	3,700.3	0.48	77.82	29.0
R217D	7/10/2024	9:32	20.63	18.9	66.0	6.55	3,711.1	0.40	72.18	24.1

Site Sampling Event: NEW- 3Q24
LIMS Workorder: 24061026
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Newton- 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	7/11/2024	10:05	QA/QC Sample							

Site Sampling Event: NEW- 3Q24
LIMS Workorder: 24061026
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Newton- 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	7/11/2024	10:15	QA/QC Sample							

Site Sampling Event: NEW- 3Q24
LIMS Workorder: 24061026
Technician(s): JC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Newton- 3Q 2024

Well ID	Date	Time	DTW	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
Field Blank 2	8/8/2024	11:05	QA/QC Sample							

Site Sampling Event: NEW- 3Q24
LIMS Workorder: 24061026
Technician(s): JC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Newton- 3Q 2024

Well ID	Date	Time	DTW	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
Equipment Blank 2	8/8/2024	11:13	QA/QC Sample							

Site Sampling Event: NEW- 3Q24
LIMS Workorder: 24061026
Technician(s): JC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Newton- 3Q 2024

Well ID	Date	Time	DTW	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
Equipment Blank 3	8/7/2024	13:45	QA/QC Sample							

Site Sampling Event: NEW- 3Q24
LIMS Workorder: 24061026
Technician(s): DC, JC, TC, BG, PY

Field Calibration Log(s)
Newton- 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: 7/2/2024

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	WC230830B	4.00	7/2/24 9:10
7.0 Buffer	WC240307F	7.01	7/2/24 9:06
10.0 Buffer	WC230819B	10.04	7/2/24 8:15
LCS/CCV (7.0 Buffer)	WC231207A		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	95009	1412	7/2/24 9:27

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1		
124 NTU	95894		

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	7/2/24 9:28	21.7	7.07	1,413	1.55		
CCV-1	CCV	7/2/24 14:49	23.6	7.09	1,435	1.89		

Comments:

Field Meter ID: Pine 218083 Technician(s): Tracy Carroll Date: 7/8/2024

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	WC230830B	4.00	7/8/24 11:02
7.0 Buffer	WC240307F	7.01	7/8/24 11:00
10.0 Buffer	WC230819B	10.00	7/8/24 11:03
LCS/CCV (7.0 Buffer)	WC231207A		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	95009	1412	7/8/24 11:11

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1		
124 NTU	95894		

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	7/8/24 11:13	25.6	7.09	1,411	1.33		
CCV-2	CCV	7/8/24 15:05	27	7.05	1,427	1.46		

Comments: Lcs time is 1113

Site Sampling Event: NEW- 3Q24
LIMS Workorder: 24061026
Technician(s): DC, JC, TC, BG, PY

Field Calibration Log(s)
Newton- 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: 7/9/2024

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	WC230830B	4.00	7/9/24 8:57
7.0 Buffer	WC240307F	7.00	7/9/24 8:50
10.0 Buffer	WC230619B	10.00	7/9/24 8:58
LCS/CCV (7.0 Buffer)	WC231207A		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	95009	1412	7/9/24 9:01

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-9	LCS	7/9/24 9:01	21.7	7.00	1,411	1.67		
CCV-9	CCV	7/9/24 13:40	21.4	7.07	1,466	1.88		

Comments:

Field Meter ID: Pine 218083 Technician(s): Tracy Carroll Date: 7/10/2024

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	WC230830B	4.00	7/10/24 9:15
7.0 Buffer	WC240307F	7.01	7/10/24 9:14
10.0 Buffer	WC230619B	10.01	7/10/24 9:17
LCS/CCV (7.0 Buffer)	WC231207A		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	95009	1412	7/10/24 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-4	LCS	7/10/24 9:21	20.5	7.03	1,413	1.02		
CCV-M-4	CCV	7/10/24 12:33	22.1	7.06	1,436	1.05		
CCV-4	CCV	7/10/24 14:21	24.0	7.10	1,487	1.49		

Comments:

Site Sampling Event: NEW- 3Q24
LIMS Workorder: 24061026
Technician(s): DC, JC, TC, BG, PY

Field Calibration Log(s)
Newton- 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: 7/11/2024

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	WC2308308	4.00	7/11/24 8:35
7.0 Buffer	WC240307F	7.01	7/11/24 8:32
10.0 Buffer	WC2306198	10.01	7/11/24 8:36
LCS/CCV (7.0 Buffer)	WC231207A		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	95009	1412	7/11/24 8:44

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-5	LCS	7/11/24 8:44	24.4	7.01	1,411	1.44		
CCV-5	CCV	7/11/24 12:22	25.3	7.06	1,455	1.88		

Comments:

Site Sampling Event: NEW- 3Q24
LIMS Workorder: 24061026
Technician(s): DC, JC, TC, BG, PY

Field Calibration Log(s)
Newton- 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 211368 Technician(s): Justin Colp Date: 7/2/2024

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	wc230830b	4.01	7/2/24 8:54
7.0 Buffer	wc240907f	7.01	7/2/24 8:52
10.0 Buffer	wc240521b	10.00	7/2/24 8:57
LCS/CCV (7.0 Buffer)	wc231207a		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	95009	1413	7/2/24 9:04

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	0.91	7/2/24 9:04
124 NTU	95894		

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	7/2/24 9:06	21.7	7.01	1,413	0.91		
CCV-M-1	CCV	7/2/24 12:02	22.1	7.02	1,420	0.95		
CCV-1	CCV	7/2/24 14:45	22.9	7.03	1,424	0.96		

Comments:

Field Meter ID: Pine 51294 Technician(s): justin colp Date: 7/8/2024

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	wc230830b	4.00	7/8/24 10:20
7.0 Buffer	wc240907f	6.99	7/8/24 10:18
10.0 Buffer	wc240521b	9.98	7/8/24 10:25
LCS/CCV (7.0 Buffer)	wc231207a		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	95009	1413	7/8/24 10:31

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	0.86	7/8/24 10:31
124 NTU	95894		

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	7/8/24 10:35	23.5	6.99	1,413	0.86		
CCV-2	CCV	7/8/24 14:52	28.7	7.01	1,439	0.93		

Comments:

Site Sampling Event: NEW- 3Q24
LIMS Workorder: 24061026
Technician(s): DC, JC, TC, BG, PY

Field Calibration Log(s)
Newton- 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: 7/9/2024

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	wc230830b	3.98	7/9/24 8:16
7.0 Buffer	wc240307f	7.00	7/9/24 8:09
10.0 Buffer	wc240521b	9.99	7/9/24 8:23
LCS/CCV (7.0 Buffer)	wc231207a		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	95009	1416	7/9/24 8:33

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	0.89	7/9/24 8:33
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-9	LCS	7/9/24 8:39	21.3	7.00	1,416	0.89		
CCV-M-9	CCV	7/9/24 12:00	22.9	7.03	1,423	0.98		
CCV-S	CCV	7/9/24 13:39	23.8	7.02	1,429	0.95		

Comments:

Field Meter ID: Pine 51294 Technician(s): Justin colp Date: 7/10/2024

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	wc230830b	4.01	7/10/24 8:16
7.0 Buffer	wc240307f	7.00	7/10/24 8:12
10.0 Buffer	wc240521b	9.99	7/10/24 8:20
LCS/CCV (7.0 Buffer)	wc231207a		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	95009	1411	7/10/24 8:27

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	0.91	7/10/24 8:27
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	7/10/24 8:30	20.5	7.01	1,411	0.91		
CCV-M-4	CCV	7/10/24 11:41	23.3	7.05	1,423	0.96		
CCV-4	CCV	7/10/24 13:55	25.1	7.06	1,448	1.03		

Comments:

Site Sampling Event: NEW- 3Q24
LIMS Workorder: 24061026
Technician(s): DC, JC, TC, BG, PY

Field Calibration Log(s)
Newton- 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: 7/11/2024

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	wc230830b	4.02	7/11/24 8:11
7.0 Buffer	wc240307f	6.99	7/11/24 8:08
10.0 Buffer	wc240521b	9.99	7/11/24 8:15
LCS/CCV (7.0 Buffer)	wc231207a		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	95009	1409	7/11/24 8:20

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	1.01	7/11/24 8:20
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-5	LCS	7/11/24 8:22	22.3	7.00	1,409	1.01		
CCV-5	CCV	7/11/24 10:24	25.1	7.03	1,427	1.08		

Comments:

Site Sampling Event: NEW- 3Q24
LIMS Workorder: 24061026
Technician(s): DC, JC, TC, BG, PY

Field Calibration Log(s)
Newton- 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: 7/2/2024

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	WC2308308	3.99	7/2/24 8:52
7.0 Buffer	WC24907F	7.01	7/2/24 8:48
10.0 Buffer	WC2405218	10.02	7/2/24 8:56
LCS/CCV (7.0 Buffer)	WC231207A		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	95009	1415	7/2/24 8:59

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	1.5	7/2/24 9:01
124 NTU	95894		

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	7/2/24 9:04	25.5	7.00	1,415	1.5		
CCV-M-1	CCV	7/2/24 11:39	26	7.00	1,416	1.06		
CCV-1	CCV	7/2/24 14:42	27.3	7.02	1,415	1.5		

Comments:

Field Meter ID: Pine 45720 Technician(s): Brett Gillihan Date: 7/8/2024

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	WC2308308	3.99	7/8/24 10:29
7.0 Buffer	WC24907F	7.02	7/8/24 10:22
10.0 Buffer	WC2405218	10.01	7/8/24 10:36
LCS/CCV (7.0 Buffer)	WC231207A		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	95009	1417	7/8/24 10:39

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	1.6	7/8/24 10:48
124 NTU	95894		

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	7/8/24 10:50	24.76	7.01	1,417	1.6		
CCV-2	CCV	7/8/24 15:03	26.76	7.02	1,417	1.6		

Comments:

Site Sampling Event: NEW- 3Q24
LIMS Workorder: 24061026
Technician(s): DC, JC, TC, BG, PY

Field Calibration Log(s)
Newton- 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: 7/9/2024

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	WC230830B	4.02	7/9/24 13:33
7.0 Buffer	WC24307F	7.00	7/9/24 8:18
10.0 Buffer	WC240521B	9.98	7/9/24 8:21
LCS/CCV (7.0 Buffer)	WC231207A		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	95009	1413	7/9/24 8:37

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	1.5	7/9/24 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	Sample Type	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	ORP mV	D.O. %
LCS-9	LCS	7/9/24 8:43	23.3	7.01	1,413	1.5		
CCV-M-9	CCV	7/9/24 11:44	24.6	7.03	1,418	1.06		
CCV-9	CCV	7/9/24 13:34	25.8	7.01	1,416	1.4		

Comments:

Field Meter ID: Pine 45720 Technician(s): Brett Gillihan Date: 7/10/2024

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	WC230830B	4.00	7/10/24 8:31
7.0 Buffer	WC24307F	7.02	7/10/24 8:26
10.0 Buffer	WC240521B	10.00	7/10/24 8:35
LCS/CCV (7.0 Buffer)	WC231207A		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	95009	1412	7/10/24 8:40

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	1.5	7/10/24 8:50
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	7/10/24 8:55	23.07	7.02	1,412	1.5		
CCV-M-4	CCV	7/10/24 12:10	24.6	7.06	1,418	1.1		
CCV-4	CCV	7/10/24 14:19	27.21	7.01	1,410	1.3		

Comments:

Site Sampling Event: NEW- 3Q24
LIMS Workorder: 24061026
Technician(s): DC, JC, TC, BG, PY

Field Calibration Log(s)
Newton- 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: 7/11/2024

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	WC230830B	4.01	7/11/24 8:46
7.0 Buffer	WC24307F	6.99	7/11/24 8:41
10.0 Buffer	WC240521B	10.03	7/11/24 8:49
LCS/CCV (7.0 Buffer)	WC231207A		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	950059	1416	7/11/24 8:50

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	1.5	7/11/24 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-5	LCS	7/11/24 8:55	23	7.00	1,416	1		
CCV-5	CCV	7/11/24 10:24	25.34	7.01	1,420	1.1		

Comments:

Site Sampling Event: NEW- 3Q24
LIMS Workorder: 24061026
Technician(s): JC, BG, PY

Field Calibration Log(s)
Newton- 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 218074 Technician(s): Justin colp Date: 8/7/2024

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	wc240612a	4.00	8/7/24 10:04
7.0 Buffer	wc231207a	6.99	8/7/24 9:55
10.0 Buffer	wc240625b	10.00	8/7/24 10:05
LCS/CCV (7.0 Buffer)	wc231207a		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	98627	1411	8/7/24 10:10

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	0.4	8/7/24 10:10
124 NTU	95894		

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	8/7/24 10:15	23.3	7.00	1,411	0.4		
CCV-1	CCV	8/7/24 14:09	26.4	7.02	1,423	0.48		

Comments:

Field Meter ID: Pine 218074 Technician(s): Justin colp Date: 8/8/2024

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	wc240612a	3.98	8/8/24 8:37
7.0 Buffer	wc231207a	7.00	8/8/24 8:33
10.0 Buffer	wc240625b	9.98	8/8/24 8:41
LCS/CCV (7.0 Buffer)	wc231207a		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	98627	1412	8/7/24 8:44

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	0.51	8/8/24 8:48
124 NTU	95894		

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	8/8/24 8:50	23.9	7.00	1,412	0.51		
CCV-2	CCV	8/8/24 14:31	24.6	7.03	1,427	0.57		

Comments:

Site Sampling Event: NEW- 3Q24
LIMS Workorder: 24061026
Technician(s): JC, BG, PY

Field Calibration Log(s)
Newton- 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 45985 Technician(s): Brett Gillihan Date: 8/7/2024

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	WC240612A	4.01	8/7/24 9:14
7.0 Buffer	WC240307F	7.00	8/7/24 9:18
10.0 Buffer	WC240625B	9.99	8/7/24 9:22
LCS/CCV (7.0 Buffer)	WC231207A		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	98627	1391	8/7/24 9:26

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	1.4	8/7/24 9:31
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	8/7/24 9:38	22.1	7.00	1,391	1.4		
CCV-1	CCV	8/7/24 14:08	25.6	7.00	1,391	1.6		

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 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

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 645720
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 [redacted]
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 45985
Description YSI Pro DSS
Calibrated 7/25/2024 3:07:11PM

Manufacturer YSI
Model Number Pro DSS
Serial Number/ Lot Number 19E101797
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	7.06	7.02	0.29%	Pass
4.00 / 4.00	PH	4.00	PH	4.04	4.00	0.00%	Pass
10.00 / 10.00	PH	10.00	PH	10.03	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	0.24	0.00	0.00%	Pass
124.00 / 124.00	NTU	124.00	NTU	125.76	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	1.459	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	243.2	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 45985
Description YSI Pro DSS
Calibrated 7/25/2024 3:07:11PM

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	%	99.8	100.3	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
STL 126NTU L#24E24011653	STL 126 NTU L#24E24011653	YSI	126 NTU	24E24011653		5/25/2025
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#4GA1475	STL ORP SOLUTION 240MV L#4GA1475	AquaPhoenix Scientific	ORP Solution	4GA1475		10/25/2024
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#4GB0027	STL PH7 L#4GB0027	AquaPhoenix Scientific	PH7	4GB0027		2/25/2026

Notes about this calibration

Calibration Result Calibration Successful
Who Calibrated Chris Harkins

All instruments are calibrated by Pine Environmental Services LLC according to the manufacturer's specifications, but it is the customer's responsibility to calibrate and maintain this unit in accordance with the manufacturer's specifications and/or the customer's own specific needs.

Notify Pine Environmental Services LLC of any defect within 24 hours of receipt of equipment
Please call 800-301-9663 for Technical Assistance

INSTRUMENT CALIBRATION REPORT

Pine Environmental Services LLC

11669 Lilburn Park Rd.
St. Louis, MO 63146
Office: 314.344.1079

Pine Environmental Services, Inc.

Instrument ID 218074
Description YSI Pro DSS Sonde
Calibrated 7/25/2024 6:32:30PM

Manufacturer YSI
Model Number Pro DSS
Serial Number/ Lot Number 23F102664
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	4.36	4.00	0.00%	Pass
10.00 / 10.00	PH	10.00	PH	10.20	10.04	0.40%	Pass

Group # 2
Group Name Turbidity (NTU)
Stated Accy Pct of Reading
Range Acc % 0.0000
Reading Acc % 3.0000
Plus/Minus 0.00

Nom In Val / In Val	In Type	Out Val	Out Type	Fnd As	Lft As	Dev%	Pass/Fail
0.00 / 0.00	NTU	0.00	NTU	0.06	0.00	0.00%	Pass
124.00 / 124.00	NTU	124.00	NTU	105.31	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	1.435	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	216.10	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 218074
Description YSI Pro DSS Sonde
Calibrated 7/25/2024 6:32:30PM

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 126NTU L#24E24011653	STL 126 NTU L#24E24011653	YSI	126 NTU	24E24011653		5/25/2025
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#4GA1475	STL ORP SOLUTION 240MV L#4GA1475	AquaPhoenix Scientific	ORP Solution	4GA1475		10/25/2024
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#4GB0027	STL PH7 L#4GB0027	AquaPhoenix Scientific	PH7	4GB0027		2/25/2026

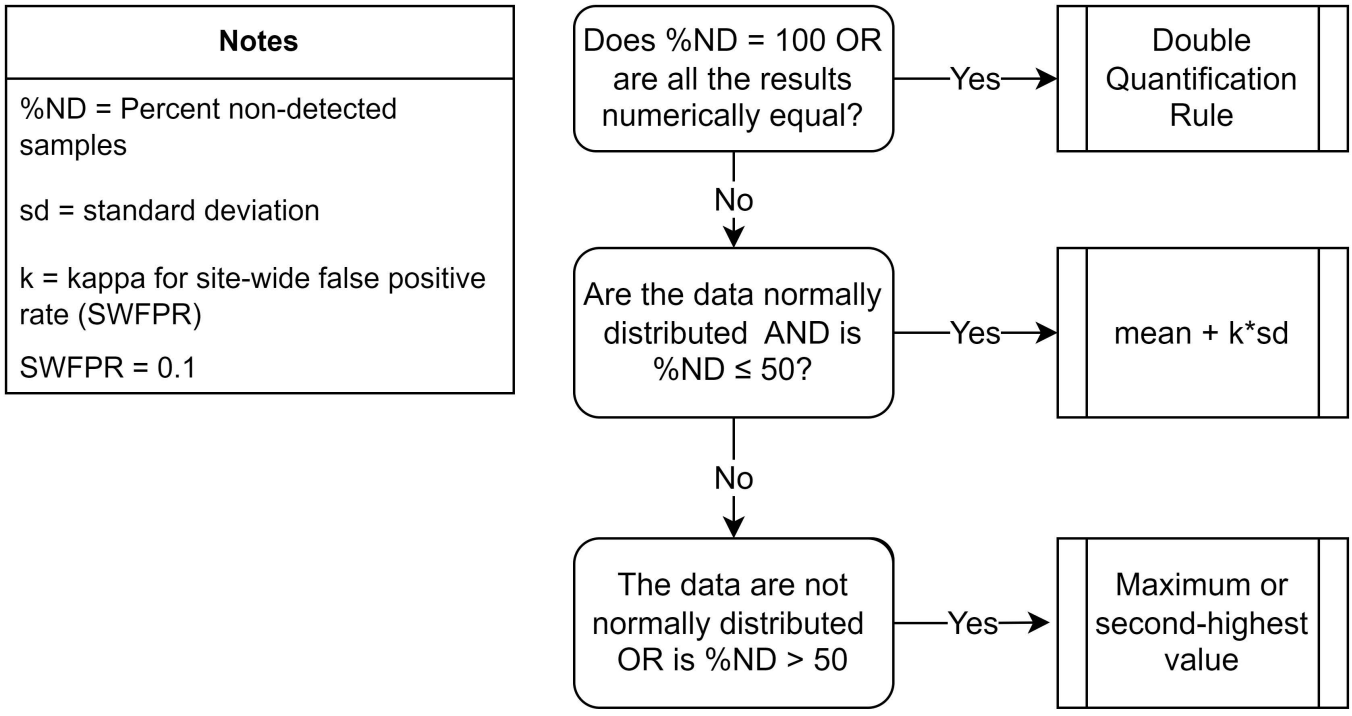
Notes about this calibration

Calibration Result Calibration Successful
Who Calibrated Chris Harkins

All instruments are calibrated by Pine Environmental Services LLC according to the manufacturer's specifications, but it is the customer's responsibility to calibrate and maintain this unit in accordance with the manufacturer's specifications and/or the customer's own specific needs.

Notify Pine Environmental Services LLC of any defect within 24 hours of receipt of equipment
Please call 800-301-9663 for Technical Assistance

APPENDIX B
STATISTICAL METHODOLOGY FOR DETERMINATION OF BACKGROUND VALUES



When data are not normally distributed or %ND > 50, the maximum value is used if the background sample size is < 60. Where the background sample size is ≥ 60, the achievable per-constituent false positive rates for the maximum and second-highest background values will be compared, and the background value with the achievable per-constituent false positive rate that is closest to, but does not exceed, the target per-constituent false positive rate of 0.015% is used.