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Illinois Power Generating Company

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1940106781-003

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

LANDFILL
COFFEEN POWER PLANT
COFFEEN, ILLINOIS
CCR UNIT 105

RAMBOLL Bright ideas. Sustainable change.

2024 40 C.F.R. § 257 ANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT COFFEEN POWER PLANT LANDFILL

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ACRONYMS AND ABBREVIATIONS

40 C.F.R.	Title 40 of the Code of Federal Regulations
ASD	Alternative Source Demonstration
CCR	coal combustion residuals
CPP	Coffeen Power Plant
D13	Quarter 3, 2023 Detection Monitoring sampling event
D13R	Quarter 4, 2023 Detection Monitoring sampling event
D14	Quarter 1, 2024 Detection Monitoring sampling event
D14R	Quarter 2, 2024 Detection Monitoring sampling event
D15	Quarter 1, 2024 Detection Monitoring sampling event
D15R	Quarter 2, 2024 Detection Monitoring sampling event
GWPS	groundwater protection standard
IPGC	Illinois Power Generating Company
Ramboll	Ramboll Americas Engineering Solutions, Inc.
SAP	Sampling and Analysis Plan
SSI	statistically significant increase
TBD	to be determined

EXECUTIVE SUMMARY

This report has been prepared to provide the information required by Title 40 of the Code of Federal Regulations (40 C.F.R.) § 257.90(e) for the Landfill located at the Coffeen Power Plant (CPP) near Coffeen, Illinois.

Groundwater is being monitored at the Landfill 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).

The following statistically significant increases (SSIs) of 40 C.F.R. § 257 Appendix III parameter concentrations greater than background concentrations were determined in 2024:

- Chloride at well G120
- Fluoride at well G127

Alternative Source Demonstrations (ASDs) were completed for the SSIs referenced above and the Landfill 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 the Landfill located at the CPP near Coffeen, Illinois.

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

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

B. Provide the date when the Assessment Monitoring Program was initiated for the CCR unit.

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

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

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

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

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

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

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

This report provides the required information for the Landfill 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 the Landfill 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**. No changes were made to the monitoring system in 2024 (Ramboll, 2023a).

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

Potentiometric surfaces for both monitoring events in 2024 are included in **Figures 2 and 3**. All monitoring data and analytical results obtained under 40 C.F.R. §§ 257.90 through 257.98 in 2023 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 greater than 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**.

Potential alternative sources were evaluated as outlined in the 40 C.F.R. § 257.94(e)(2). ASDs were completed in 2024 for the SSIs summarized in **Table A**. The date the ASD was completed is also provided in **Table A**. The ASDs were certified by a qualified professional engineer and are included in **Appendix C**. The Landfill remains in the Detection Monitoring Program.

Table A. 2024 Detection Monitoring Program Summary

Event ID	Sampling Dates [1, 2, 3]	Analytical Data Receipt Date [4]	SSI(s) Determination Date	SSI(s)	ASD Completion Date
D13 [6,7]	August 9-10, 2023	November 21, 2023	February 19, 2024 [8]	Chloride at G120	May 19, 2024
D13R [7,9]	November 14-15, 2023	TBD	NA	NA	NA
D14	February 14–21, 2024	April 9, 2024	July 8, 2024	Chloride at G120 Fluoride at T127	October 6, 2024
D14R	May 6, 2024	June 17, 2024	NA	NA	NA
D15	August 5–6, 2024	September 13, 2024	December 12, 2024	Chloride at G120	TBD

Notes:

ASD: Alternative Source Demonstration

NA: not applicable

SSL: Statistically Significant Level

TBD: to be determined in 2025

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

[2] The following background wells were sampled for each event: G102, G200, and R201

[3] The following compliance wells were sampled for each event: G106, G110, G120, G125, and T127

[4] Analytical data received after December 31, 2023 will be reported in the 2024 Annual Groundwater Monitoring and Corrective Action Report.

[5] Laboratory reports and associated analytical data tables were included in the 2022 Annual Groundwater Monitoring and Corrective Action Report.

[6] Groundwater samples were not collected from compliance monitoring wells G200 and R201 during the August 2023 sampling event.

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

[8] 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.

[9] Groundwater samples were only collected from background monitoring wells G102, G200, and R201 during the November 2023 sampling event.

4. PROBLEMS ENCOUNTERED AND ACTIONS TO RESOLVE THE PROBLEMS

No problems were encountered with the groundwater monitoring program during 2024. Groundwater samples were collected and analyzed in accordance with the SAP and all data were accepted.

5. KEY ACTIVITIES PLANNED FOR 2025

The following key activities are planned for 2025:

- Continuation of the 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 updated 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 alternate 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 alternate 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 2024 Annual Groundwater Monitoring and Corrective Action Report.
  - If an alternate 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 2024 (*e.g.,* assessment monitoring) will be met, including associated recordkeeping/notifications required by 40 C.F.R. §§ 257.105 through 257.108.

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. 40 C.F.R. § 257 Groundwater Monitoring Plan, Landfill, Coffeen Power Plant, Coffeen, Illinois. December 18, 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
COFFEEN POWER PLANT
LANDFILL
COFFEEN, IL

Well ID	Well Type	Monitored Unit	Date	Depth to Groundwater (feet BMP)	Groundwater Elevation (feet NAVD88)
G102	Background	UA	01/12/2024	8.84	620.09
G102	Background	UA	02/12/2024	8.50	620.44
G102	Background	UA	03/29/2024	5.74	623.19
G102	Background	UA	04/29/2024	4.25	624.69
G102	Background	UA	05/29/2024	4.41	624.58
G102	Background	UA	06/29/2024	6.57	622.42
G102	Background	UA	07/29/2024	5.07	623.87
G102	Background	UA	08/28/2024	DM[7]	
G102	Background	UA	09/28/2024	DM[7]	
G102	Background	UA	10/28/2024	8.64	620.36
G102	Background	UA	12/13/2024	[7.18]	[621.82]
G106	Compliance	UA	01/12/2024	9.47	621.61
G106	Compliance	UA	02/12/2024	9.59	621.50
G106	Compliance	UA	03/29/2024	8.63	622.45
G106	Compliance	UA	04/29/2024	8.16	622.93
G106	Compliance	UA	05/29/2024	8.71	622.62
G106	Compliance	UA	06/29/2024	11.26	620.07
G106	Compliance	UA	07/29/2024	10.42	620.67
G106	Compliance	UA	08/28/2024	11.92	619.40
G106	Compliance	UA	09/28/2024	11.16	620.16
G106	Compliance	UA	10/28/2024	13.02	618.31
G106	Compliance	UA	11/19/2024	9.28	622.04
G106	Compliance	UA	12/11/2024	10.93	620.40
G110	Compliance	UA	02/12/2024	12.31	617.34
G110	Compliance	UA	04/29/2024	9.68	619.97
G110	Compliance	UA	07/29/2024	12.81	616.84
G110	Compliance	UA	10/28/2024	14.87	614.70
G120	Compliance	UA	02/12/2024	15.65	616.22
G120	Compliance	UA	04/29/2024	14.05	617.82
G120	Compliance	UA	07/29/2024	15.65	616.22
G120	Compliance	UA	10/28/2024	16.78	615.23
G125	Compliance	UA	02/12/2024	17.12	616.39
G125	Compliance	UA	04/29/2024	11.51	622.00
G125	Compliance	UA	07/29/2024	15.97	617.54
G125	Compliance	UA	10/28/2024	19.51	613.97
G200	Background	UA	01/12/2024	6.55	619.15
G200	Background	UA	02/12/2024	5.71	620.00
G200	Background	UA	03/29/2024	3.01	622.69
G200	Background	UA	04/29/2024	2.45	623.26
G200	Background	UA	05/29/2024	3.70	622.23
G200	Background	UA	06/29/2024	5.58	620.36
G200	Background	UA	07/29/2024	6.43	619.28
G200	Background	UA	08/28/2024	DM[7]	
G200	Background	UA	09/28/2024	DM[7]	
G200	Background	UA	10/28/2024	6.22	619.73
G200	Background	UA	11/19/2024	DM[7]	

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

Well ID	Well Type	Monitored Unit	Date	Depth to Groundwater (feet BMP)	Groundwater Elevation (feet NAVD88)
G200	Background	UA	12/12/2024	4.62	621.33
R201	Background	UA	01/12/2024	6.47	619.64
R201	Background	UA	02/12/2024	5.16	620.96
R201	Background	UA	03/29/2024	3.43	622.68
R201	Background	UA	04/29/2024	2.74	623.38
R201	Background	UA	05/29/2024	3.41	622.78
R201	Background	UA	06/29/2024	5.45	620.74
R201	Background	UA	07/29/2024	4.18	621.94
R201	Background	UA	08/28/2024	DM[7]	
R201	Background	UA	09/28/2024	DM[7]	
R201	Background	UA	10/29/2024	6.52	619.68
R201	Background	UA	11/19/2024	3.46	622.73
R201	Background	UA	12/12/2024	4.32	621.88
T127	Compliance	UA	02/12/2024	14.74	616.22
T127	Compliance	UA	04/29/2024	13.79	617.17
T127	Compliance	UA	07/29/2024	14.64	616.32
T127	Compliance	UA	10/28/2024	15.87	615.18

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

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

Well ID	HSU	Well Type	Date	Event ID	Parameter	Unit	Result	Comparison Value	Background	SSI Type
G102	UA	Background	08/09/2023	D13	Boron, total	mg/L	0.02 UJ	--	--	--
G102	UA	Background	11/14/2023	D13R	Boron, total	mg/L	0.012 J	--	--	--
G102	UA	Background	02/14/2024	D14	Boron, total	mg/L	0.02 UJ	--	--	--
G102	UA	Background	08/06/2024	D15	Boron, total	mg/L	0.0218	--	--	--
G102	UA	Background	08/09/2023	D13	Calcium, total	mg/L	76.1	--	--	--
G102	UA	Background	11/14/2023	D13R	Calcium, total	mg/L	80.7	--	--	--
G102	UA	Background	02/14/2024	D14	Calcium, total	mg/L	82.9	--	--	--
G102	UA	Background	08/06/2024	D15	Calcium, total	mg/L	50.7	--	--	--
G102	UA	Background	08/09/2023	D13	Chloride, total	mg/L	31.0	--	--	--
G102	UA	Background	11/14/2023	D13R	Chloride, total	mg/L	33.0	--	--	--
G102	UA	Background	02/14/2024	D14	Chloride, total	mg/L	42.0	--	--	--
G102	UA	Background	08/06/2024	D15	Chloride, total	mg/L	6.00	--	--	--
G102	UA	Background	08/09/2023	D13	Fluoride, total	mg/L	0.310 J+	--	--	--
G102	UA	Background	11/14/2023	D13R	Fluoride, total	mg/L	0.320	--	--	--
G102	UA	Background	02/14/2024	D14	Fluoride, total	mg/L	0.270	--	--	--
G102	UA	Background	08/06/2024	D15	Fluoride, total	mg/L	0.32 J	--	--	--
G102	UA	Background	08/09/2023	D13	pH (field)	SU	7.2	--	--	--
G102	UA	Background	11/14/2023	D13R	pH (field)	SU	7.3	--	--	--
G102	UA	Background	02/14/2024	D14	pH (field)	SU	7.2	--	--	--
G102	UA	Background	08/06/2024	D15	pH (field)	SU	7.2	--	--	--
G102	UA	Background	08/09/2023	D13	Sulfate, total	mg/L	126	--	--	--
G102	UA	Background	11/14/2023	D13R	Sulfate, total	mg/L	136	--	--	--
G102	UA	Background	02/14/2024	D14	Sulfate, total	mg/L	154	--	--	--
G102	UA	Background	08/06/2024	D15	Sulfate, total	mg/L	38.0	--	--	--
G102	UA	Background	08/09/2023	D13	Total Dissolved Solids	mg/L	538	--	--	--
G102	UA	Background	11/14/2023	D13R	Total Dissolved Solids	mg/L	560	--	--	--
G102	UA	Background	02/14/2024	D14	Total Dissolved Solids	mg/L	588	--	--	--
G102	UA	Background	08/06/2024	D15	Total Dissolved Solids	mg/L	320	--	--	--
G200	UA	Background	11/14/2023	D13R	Boron, total	mg/L	0.01 J	--	--	--
G200	UA	Background	02/21/2024	D14	Boron, total	mg/L	0.0932 J	--	--	--
G200	UA	Background	08/06/2024	D15	Boron, total	mg/L	0.0092 U	--	--	--
G200	UA	Background	11/14/2023	D13R	Calcium, total	mg/L	80.3	--	--	--
G200	UA	Background	02/21/2024	D14	Calcium, total	mg/L	83.8	--	--	--
G200	UA	Background	08/06/2024	D15	Calcium, total	mg/L	84.5	--	--	--
G200	UA	Background	11/14/2023	D13R	Chloride, total	mg/L	43.0	--	--	--
G200	UA	Background	02/21/2024	D14	Chloride, total	mg/L	46.0	--	--	--
G200	UA	Background	08/06/2024	D15	Chloride, total	mg/L	62.0	--	--	--
G200	UA	Background	11/14/2023	D13R	Fluoride, total	mg/L	0.380	--	--	--
G200	UA	Background	02/21/2024	D14	Fluoride, total	mg/L	0.320	--	--	--
G200	UA	Background	08/06/2024	D15	Fluoride, total	mg/L	0.32 J	--	--	--
G200	UA	Background	11/14/2023	D13R	pH (field)	SU	7.2	--	--	--
G200	UA	Background	02/21/2024	D14	pH (field)	SU	6.7	--	--	--
G200	UA	Background	08/06/2024	D15	pH (field)	SU	7.1	--	--	--
G200	UA	Background	11/14/2023	D13R	Sulfate, total	mg/L	106	--	--	--
G200	UA	Background	02/21/2024	D14	Sulfate, total	mg/L	109	--	--	--
G200	UA	Background	08/06/2024	D15	Sulfate, total	mg/L	113	--	--	--

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

Well ID	HSU	Well Type	Date	Event ID	Parameter	Unit	Result	Comparison Value	Background	SSI Type
G200	UA	Background	11/14/2023	D13R	Total Dissolved Solids	mg/L	455	--	--	--
G200	UA	Background	02/21/2024	D14	Total Dissolved Solids	mg/L	496	--	--	--
G200	UA	Background	08/06/2024	D15	Total Dissolved Solids	mg/L	546	--	--	--
R201	UA	Background	11/14/2023	D13R	Boron, total	mg/L	0.0092 U	--	--	--
R201	UA	Background	02/20/2024	D14	Boron, total	mg/L	0.269	--	--	--
R201	UA	Background	08/06/2024	D15	Boron, total	mg/L	0.0092 U	--	--	--
R201	UA	Background	11/14/2023	D13R	Calcium, total	mg/L	103	--	--	--
R201	UA	Background	02/20/2024	D14	Calcium, total	mg/L	94.6	--	--	--
R201	UA	Background	08/06/2024	D15	Calcium, total	mg/L	95.3	--	--	--
R201	UA	Background	11/14/2023	D13R	Chloride, total	mg/L	60.0 J	--	--	--
R201	UA	Background	02/20/2024	D14	Chloride, total	mg/L	45.0	--	--	--
R201	UA	Background	08/06/2024	D15	Chloride, total	mg/L	72.0	--	--	--
R201	UA	Background	11/14/2023	D13R	Fluoride, total	mg/L	0.410	--	--	--
R201	UA	Background	02/20/2024	D14	Fluoride, total	mg/L	0.490	--	--	--
R201	UA	Background	08/06/2024	D15	Fluoride, total	mg/L	0.34 J	--	--	--
R201	UA	Background	11/14/2023	D13R	pH (field)	SU	7.0	--	--	--
R201	UA	Background	02/20/2024	D14	pH (field)	SU	7.0	--	--	--
R201	UA	Background	08/06/2024	D15	pH (field)	SU	7.0	--	--	--
R201	UA	Background	11/14/2023	D13R	Sulfate, total	mg/L	167 J	--	--	--
R201	UA	Background	02/20/2024	D14	Sulfate, total	mg/L	185	--	--	--
R201	UA	Background	08/06/2024	D15	Sulfate, total	mg/L	184	--	--	--
R201	UA	Background	11/14/2023	D13R	Total Dissolved Solids	mg/L	705	--	--	--
R201	UA	Background	02/20/2024	D14	Total Dissolved Solids	mg/L	555 J-	--	--	--
R201	UA	Background	08/06/2024	D15	Total Dissolved Solids	mg/L	674	--	--	--
G106	UA	Compliance	08/10/2023	D13	Boron, total	mg/L	0.0308 J+	0.0308	0.340	No Exceedance
G106	UA	Compliance	02/14/2024	D14	Boron, total	mg/L	0.0338 J+	0.0338	0.340	No Exceedance
G106	UA	Compliance	08/06/2024	D15	Boron, total	mg/L	0.0214	0.0214	0.340	No Exceedance
G106	UA	Compliance	08/10/2023	D13	Calcium, total	mg/L	93.5	93.5	135	No Exceedance
G106	UA	Compliance	02/14/2024	D14	Calcium, total	mg/L	97.9	97.9	135	No Exceedance
G106	UA	Compliance	08/06/2024	D15	Calcium, total	mg/L	88.6	88.6	135	No Exceedance
G106	UA	Compliance	08/10/2023	D13	Chloride, total	mg/L	56.0	56.0	96.0	No Exceedance
G106	UA	Compliance	02/14/2024	D14	Chloride, total	mg/L	63.0	63.0	96.0	No Exceedance
G106	UA	Compliance	08/06/2024	D15	Chloride, total	mg/L	57.0	57.0	96.0	No Exceedance
G106	UA	Compliance	08/10/2023	D13	Fluoride, total	mg/L	0.440 J+	0.440	0.504	No Exceedance
G106	UA	Compliance	02/14/2024	D14	Fluoride, total	mg/L	0.410	0.410	0.504	No Exceedance
G106	UA	Compliance	08/06/2024	D15	Fluoride, total	mg/L	0.39 J	0.25	0.504	No Exceedance
G106	UA	Compliance	08/10/2023	D13	pH (field)	SU	6.9	6.9	6.9/7.5	No Exceedance
G106	UA	Compliance	02/14/2024	D14	pH (field)	SU	7.1	7.1	6.9/7.5	No Exceedance
G106	UA	Compliance	08/06/2024	D15	pH (field)	SU	7.0	7.0	6.9/7.5	No Exceedance
G106	UA	Compliance	08/10/2023	D13	Sulfate, total	mg/L	123	123	303	No Exceedance
G106	UA	Compliance	02/14/2024	D14	Sulfate, total	mg/L	145	145	303	No Exceedance
G106	UA	Compliance	08/06/2024	D15	Sulfate, total	mg/L	102	102	303	No Exceedance
G106	UA	Compliance	08/10/2023	D13	Total Dissolved Solids	mg/L	608	608	859	No Exceedance
G106	UA	Compliance	02/14/2024	D14	Total Dissolved Solids	mg/L	604	604	859	No Exceedance
G106	UA	Compliance	08/06/2024	D15	Total Dissolved Solids	mg/L	550	550	859	No Exceedance
G110	UA	Compliance	08/09/2023	D13	Boron, total	mg/L	0.02 UJ	0.025	0.340	No Exceedance

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

Well ID	HSU	Well Type	Date	Event ID	Parameter	Unit	Result	Comparison Value	Background	SSI Type
G110	UA	Compliance	02/14/2024	D14	Boron, total	mg/L	0.0092 U	0.02	0.340	No Exceedance
G110	UA	Compliance	08/05/2024	D15	Boron, total	mg/L	0.0092 U	0.02	0.340	No Exceedance
G110	UA	Compliance	08/09/2023	D13	Calcium, total	mg/L	94.8	94.8	135	No Exceedance
G110	UA	Compliance	02/14/2024	D14	Calcium, total	mg/L	96.6	96.6	135	No Exceedance
G110	UA	Compliance	08/05/2024	D15	Calcium, total	mg/L	99.7	99.7	135	No Exceedance
G110	UA	Compliance	08/09/2023	D13	Chloride, total	mg/L	58.0	58.0	96.0	No Exceedance
G110	UA	Compliance	02/14/2024	D14	Chloride, total	mg/L	61.0	61.0	96.0	No Exceedance
G110	UA	Compliance	08/05/2024	D15	Chloride, total	mg/L	62.0	62.0	96.0	No Exceedance
G110	UA	Compliance	08/09/2023	D13	Fluoride, total	mg/L	0.390 J+	0.390	0.504	No Exceedance
G110	UA	Compliance	02/14/2024	D14	Fluoride, total	mg/L	0.360	0.360	0.504	No Exceedance
G110	UA	Compliance	08/05/2024	D15	Fluoride, total	mg/L	0.33 J	0.25	0.504	No Exceedance
G110	UA	Compliance	08/09/2023	D13	pH (field)	SU	6.7	6.7	6.9/7.5	Exceedance Not Confirmed
G110	UA	Compliance	11/14/2023	D13R	pH (field)	SU	6.9	6.9	6.9/7.5	No Exceedance
G110	UA	Compliance	02/14/2024	D14	pH (field)	SU	6.9	6.9	6.9/7.5	No Exceedance
G110	UA	Compliance	08/05/2024	D15	pH (field)	SU	6.9	6.9	6.9/7.5	No Exceedance
G110	UA	Compliance	08/09/2023	D13	Sulfate, total	mg/L	94.0	94.0	303	No Exceedance
G110	UA	Compliance	02/14/2024	D14	Sulfate, total	mg/L	106	106	303	No Exceedance
G110	UA	Compliance	08/05/2024	D15	Sulfate, total	mg/L	99.0	99.0	303	No Exceedance
G110	UA	Compliance	08/09/2023	D13	Total Dissolved Solids	mg/L	582	582	859	No Exceedance
G110	UA	Compliance	02/14/2024	D14	Total Dissolved Solids	mg/L	552	552	859	No Exceedance
G110	UA	Compliance	08/05/2024	D15	Total Dissolved Solids	mg/L	580	580	859	No Exceedance
G120	UA	Compliance	08/09/2023	D13	Boron, total	mg/L	0.0092 U	0.025	0.340	No Exceedance
G120	UA	Compliance	02/15/2024	D14	Boron, total	mg/L	0.0202 J+	0.0202	0.340	No Exceedance
G120	UA	Compliance	08/05/2024	D15	Boron, total	mg/L	0.0092 U	0.02	0.340	No Exceedance
G120	UA	Compliance	08/09/2023	D13	Calcium, total	mg/L	83.6	83.6	135	No Exceedance
G120	UA	Compliance	02/15/2024	D14	Calcium, total	mg/L	99.3	99.3	135	No Exceedance
G120	UA	Compliance	08/05/2024	D15	Calcium, total	mg/L	95.9	95.9	135	No Exceedance
G120	UA	Compliance	08/09/2023	D13	Chloride, total	mg/L	101	101	96.0	Reported
G120	UA	Compliance	02/15/2024	D14	Chloride, total	mg/L	106	106	96.0	Reported
G120	UA	Compliance	08/05/2024	D15	Chloride, total	mg/L	119	119	96.0	Reported
G120	UA	Compliance	08/09/2023	D13	Fluoride, total	mg/L	0.380 J+	0.380	0.504	No Exceedance
G120	UA	Compliance	02/15/2024	D14	Fluoride, total	mg/L	0.330	0.330	0.504	No Exceedance
G120	UA	Compliance	08/05/2024	D15	Fluoride, total	mg/L	0.32 J	0.25	0.504	No Exceedance
G120	UA	Compliance	08/09/2023	D13	pH (field)	SU	7.0	7.0	6.9/7.5	No Exceedance
G120	UA	Compliance	02/15/2024	D14	pH (field)	SU	7.1	7.1	6.9/7.5	No Exceedance
G120	UA	Compliance	08/05/2024	D15	pH (field)	SU	7.1	7.1	6.9/7.5	No Exceedance
G120	UA	Compliance	08/09/2023	D13	Sulfate, total	mg/L	28.0 J+	28.0	303	No Exceedance
G120	UA	Compliance	02/15/2024	D14	Sulfate, total	mg/L	37.0	37.0	303	No Exceedance
G120	UA	Compliance	08/05/2024	D15	Sulfate, total	mg/L	37.0	37.0	303	No Exceedance
G120	UA	Compliance	08/09/2023	D13	Total Dissolved Solids	mg/L	530	530	859	No Exceedance
G120	UA	Compliance	02/15/2024	D14	Total Dissolved Solids	mg/L	486	486	859	No Exceedance
G120	UA	Compliance	08/05/2024	D15	Total Dissolved Solids	mg/L	488	488	859	No Exceedance
G125	UA	Compliance	08/09/2023	D13	Boron, total	mg/L	0.0092 U	0.025	0.340	No Exceedance
G125	UA	Compliance	02/15/2024	D14	Boron, total	mg/L	0.0215 J+	0.0215	0.340	No Exceedance
G125	UA	Compliance	08/05/2024	D15	Boron, total	mg/L	0.0092 U	0.02	0.340	No Exceedance

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

Well ID	HSU	Well Type	Date	Event ID	Parameter	Unit	Result	Comparison Value	Background	SSI Type
G125	UA	Compliance	08/09/2023	D13	Calcium, total	mg/L	67.6	67.6	135	No Exceedance
G125	UA	Compliance	02/15/2024	D14	Calcium, total	mg/L	82.4	82.4	135	No Exceedance
G125	UA	Compliance	08/05/2024	D15	Calcium, total	mg/L	75.0	75.0	135	No Exceedance
G125	UA	Compliance	08/09/2023	D13	Chloride, total	mg/L	82.0	82.0	96.0	No Exceedance
G125	UA	Compliance	02/15/2024	D14	Chloride, total	mg/L	90.0	90.0	96.0	No Exceedance
G125	UA	Compliance	08/05/2024	D15	Chloride, total	mg/L	91.0	91.0	96.0	No Exceedance
G125	UA	Compliance	08/09/2023	D13	Fluoride, total	mg/L	0.470 J+	0.470	0.504	No Exceedance
G125	UA	Compliance	02/15/2024	D14	Fluoride, total	mg/L	0.390	0.390	0.504	No Exceedance
G125	UA	Compliance	08/05/2024	D15	Fluoride, total	mg/L	0.36 J	0.25	0.504	No Exceedance
G125	UA	Compliance	08/09/2023	D13	pH (field)	SU	7.2	7.2	6.9/7.5	No Exceedance
G125	UA	Compliance	02/15/2024	D14	pH (field)	SU	7.3	7.3	6.9/7.5	No Exceedance
G125	UA	Compliance	08/05/2024	D15	pH (field)	SU	7.1	7.1	6.9/7.5	No Exceedance
G125	UA	Compliance	08/09/2023	D13	Sulfate, total	mg/L	103 J-	103	303	No Exceedance
G125	UA	Compliance	02/15/2024	D14	Sulfate, total	mg/L	83.0	83.0	303	No Exceedance
G125	UA	Compliance	08/05/2024	D15	Sulfate, total	mg/L	86.0	86.0	303	No Exceedance
G125	UA	Compliance	08/09/2023	D13	Total Dissolved Solids	mg/L	556	556	859	No Exceedance
G125	UA	Compliance	02/15/2024	D14	Total Dissolved Solids	mg/L	504	504	859	No Exceedance
G125	UA	Compliance	08/05/2024	D15	Total Dissolved Solids	mg/L	542	542	859	No Exceedance
T127	UA	Compliance	08/09/2023	D13	Boron, total	mg/L	0.02 UJ	0.025	0.340	No Exceedance
T127	UA	Compliance	02/20/2024	D14	Boron, total	mg/L	0.02 UJ	0.02	0.340	No Exceedance
T127	UA	Compliance	08/05/2024	D15	Boron, total	mg/L	0.0221	0.0221	0.340	No Exceedance
T127	UA	Compliance	08/09/2023	D13	Calcium, total	mg/L	76.8	76.8	135	No Exceedance
T127	UA	Compliance	02/20/2024	D14	Calcium, total	mg/L	78.6	78.6	135	No Exceedance
T127	UA	Compliance	08/05/2024	D15	Calcium, total	mg/L	78.9	78.9	135	No Exceedance
T127	UA	Compliance	08/09/2023	D13	Chloride, total	mg/L	45.0	45.0	96.0	No Exceedance
T127	UA	Compliance	02/20/2024	D14	Chloride, total	mg/L	48.0	48.0	96.0	No Exceedance
T127	UA	Compliance	08/05/2024	D15	Chloride, total	mg/L	43.0	43.0	96.0	No Exceedance
T127	UA	Compliance	08/09/2023	D13	Fluoride, total	mg/L	0.480 J+	0.480	0.504	No Exceedance
T127	UA	Compliance	02/20/2024	D14	Fluoride, total	mg/L	2.10	2.10	0.504	Reported
T127	UA	Compliance	05/06/2024	D14R	Fluoride, total	mg/L	0.510	0.510	0.504	Confirmed
T127	UA	Compliance	08/05/2024	D15	Fluoride, total	mg/L	0.45 J	0.25	0.504	No Exceedance
T127	UA	Compliance	08/09/2023	D13	pH (field)	SU	7.0	7.0	6.9/7.5	No Exceedance
T127	UA	Compliance	02/20/2024	D14	pH (field)	SU	7.1	7.1	6.9/7.5	No Exceedance
T127	UA	Compliance	05/06/2024	D14R	pH (field)	SU	7.0	7.0	6.9/7.5	No Exceedance
T127	UA	Compliance	08/05/2024	D15	pH (field)	SU	7.1	7.1	6.9/7.5	No Exceedance
T127	UA	Compliance	08/09/2023	D13	Sulfate, total	mg/L	87.0 J-	87.0	303	No Exceedance
T127	UA	Compliance	02/20/2024	D14	Sulfate, total	mg/L	92.0	92.0	303	No Exceedance
T127	UA	Compliance	08/05/2024	D15	Sulfate, total	mg/L	84.0	84.0	303	No Exceedance
T127	UA	Compliance	08/09/2023	D13	Total Dissolved Solids	mg/L	500	500	859	No Exceedance
T127	UA	Compliance	02/20/2024	D14	Total Dissolved Solids	mg/L	380 J-	380	859	No Exceedance
T127	UA	Compliance	08/05/2024	D15	Total Dissolved Solids	mg/L	486	486	859	No Exceedance

TABLE 2
ANALYTICAL RESULTS - APPENDIX III PARAMETERS
2024 40 C.F.R. § 257 ANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT
COFFEEN POWER PLANT
LANDFILL
COFFEEN, 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
D14R = Quarter 2, 2024 Detection Monitoring resampling 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.
UJ = The analyte was analyzed for, but was not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.
Statistically Significant Increase (SSI) Type:
No Exceedance: No exceedance of the background.
Exceedance Not Confirmed: An exceedance was determined in the parent event, a resample was collected, and the resample did not confirm the exceedance; or an exceedance was not determined in the parent event but a subsequent sample collected exhibited a concentration higher than background.
Reported: An exceedance in the parent event was observed and reported.
Confirmed: A resample confirmed an observed exceedance in the parent event.
SU = Standard Units

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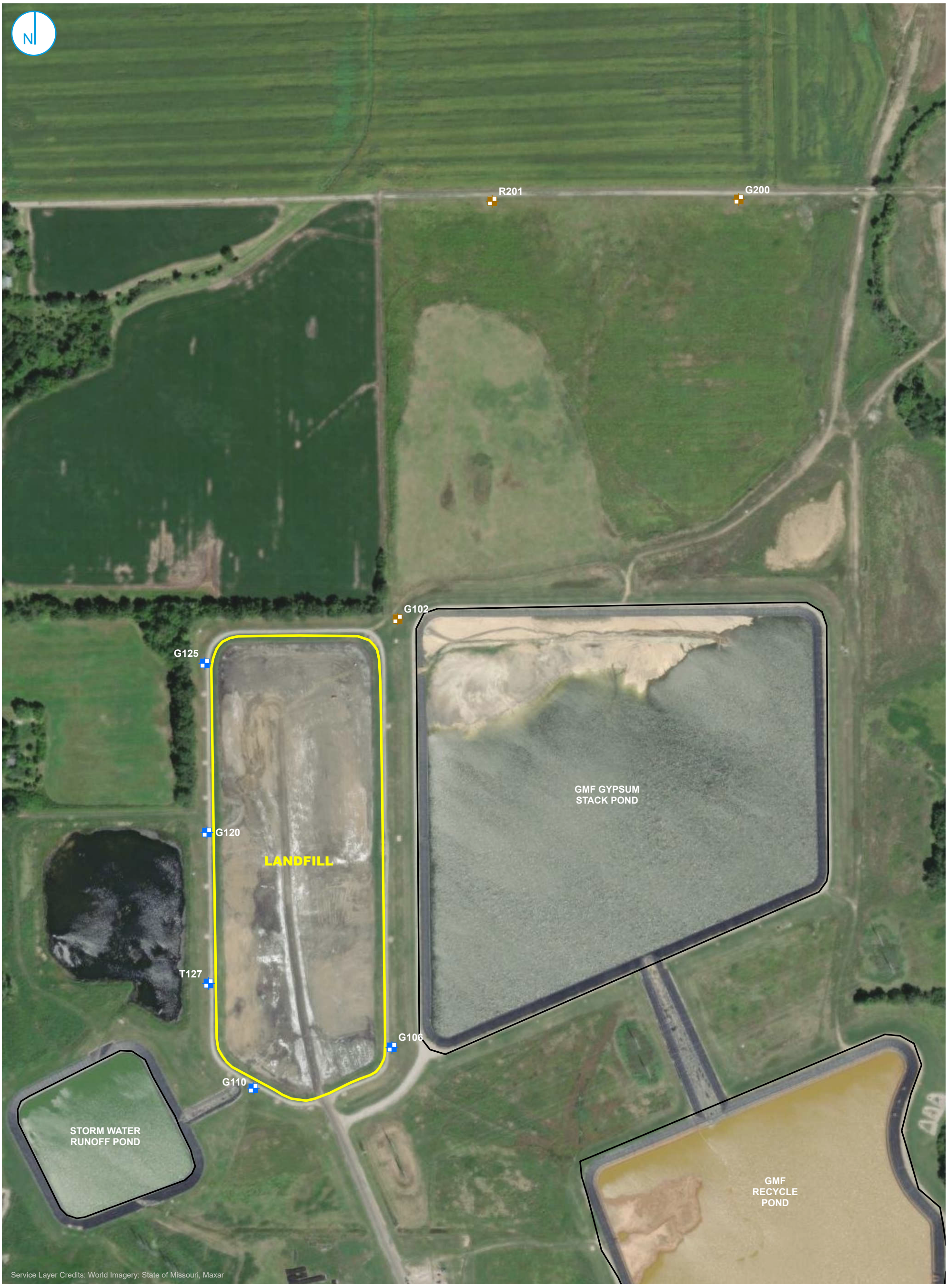
TABLE 3
STATISTICAL BACKGROUND VALUES
2024 40 C.F.R. § 257 ANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT
COFFEEN POWER PLANT
LANDFILL
COFFEEN, IL

Parameter	Date Range	Sample Count	Percent Non-Detects	Statistical Calculation	Statistical Background Value (LPL/UPL)
Boron (mg/L)	11/16/2015 - 02/09/2022	67	42	Non-Parametric UPL	0.340
Calcium (mg/L)	11/16/2015 - 02/09/2022	66	0	Parametric UPL	135
Chloride (mg/L)	11/16/2015 - 02/09/2022	70	0	Non-Parametric UPL	96.0
Fluoride (mg/L)	11/16/2015 - 02/09/2022	70	7	Non-Parametric UPL	0.504
pH (field) (SU)	11/16/2015 - 02/09/2022	70	0	Non-Parametric LPL/UPL	6.9/7.5
Sulfate (mg/L)	11/16/2015 - 02/09/2022	67	0	Parametric UPL (log-transformed)	303
Total Dissolved Solids (mg/L)	11/16/2015 - 02/09/2022	67	0	Parametric UPL	859

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

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FIGURES



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

0 150 300
Feet

MONITORING WELL LOCATION MAP

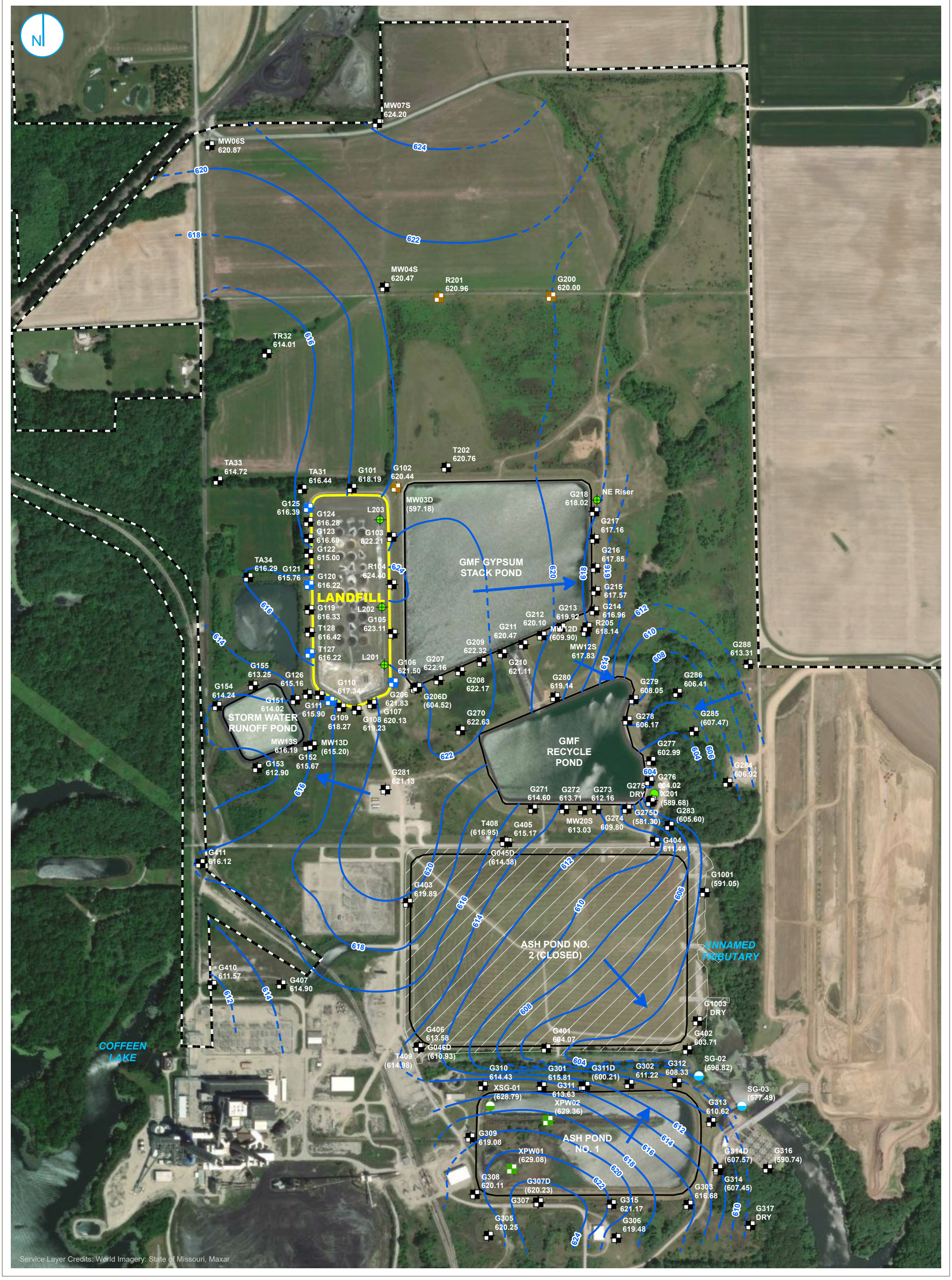
2024 ANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT LANDFILL

COFFEEN POWER PLANT
COFFEEN, ILLINOIS

FIGURE 1

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.

RAMBOLL



COMPLIANCE MONITORING WELL
BACKGROUND MONITORING WELL
MONITORING WELL
PORE WATER WELL
CCR SOURCEWATER SAMPLE
STAFF GAGE, CCR UNIT
STAFF GAGE, RIVER

LEACHATE WELL
GROUNDWATER ELEVATION CONTOUR (2-FT CONTOUR INTERVAL, NAVD88)
INFERRED GROUNDWATER ELEVATION CONTOUR
GROUNDWATER FLOW DIRECTION
REGULATED UNIT (SUBJECT UNIT)
SITE FEATURE
PROPERTY BOUNDARY

0 325 650 Feet

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

POTENTIOMETRIC SURFACE MAP FEBRUARY 12 AND 13, 2024

FIGURE 2

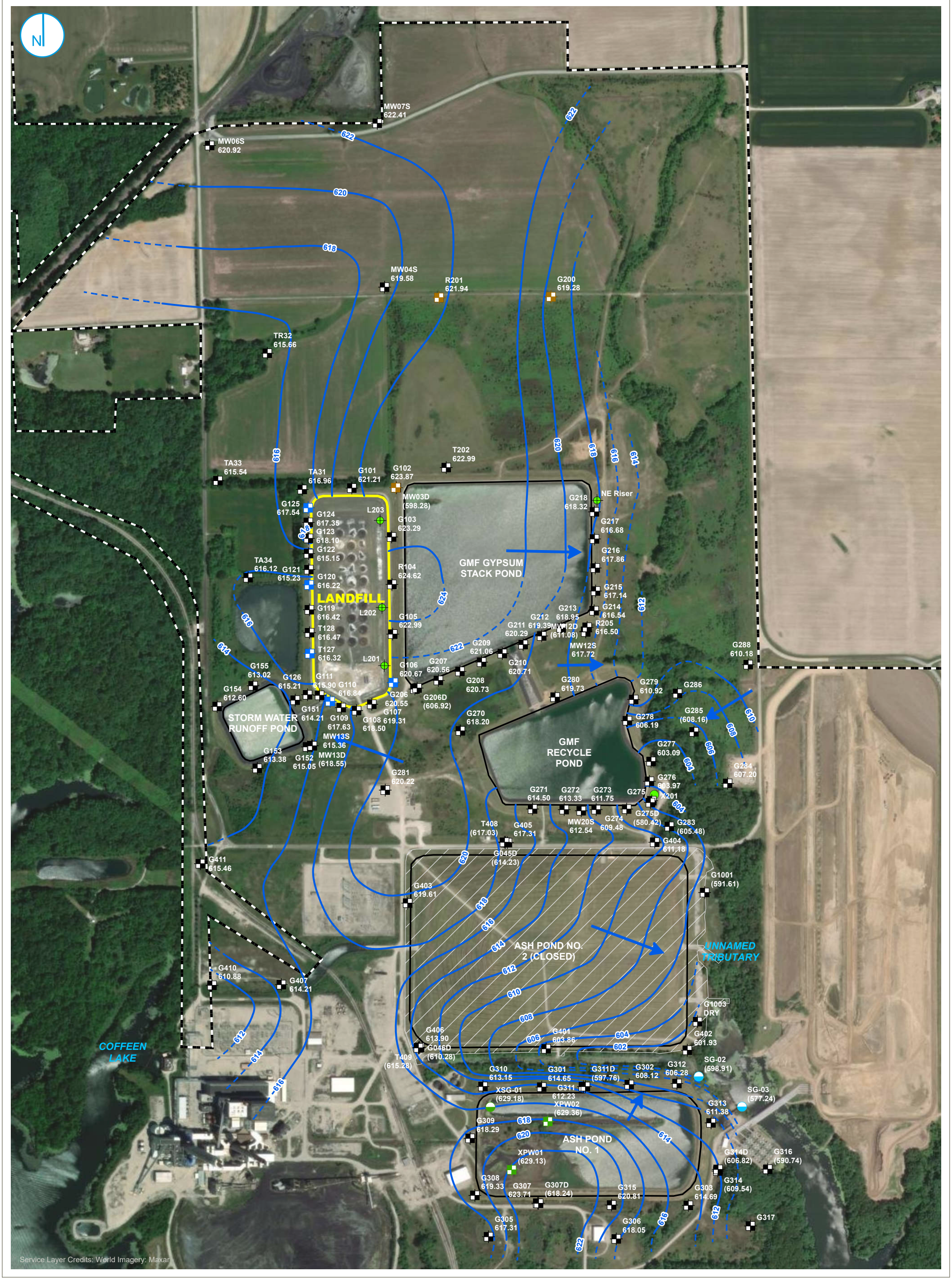
2024 ANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT
LANDFILL
COFFEEN POWER PLANT
COFFEEN, ILLINOIS

RAMBOLL AMERICAS ENGINEERING SOLUTIONS, INC.

RAMBOLL

PROJECT: 169000XXXX | DATED: 12/4/2024 | DESIGNER: GALARNMC

Y:\Mapping\Projects\22\2285\MXD\GW_Contours\Round_2024\Coffeen\LF_105\COF LF 105.aprx



- COMPLIANCE MONITORING WELL
- BACKGROUND MONITORING WELL
- MONITORING WELL
- PORE WATER WELL
- LEACHATE WELL
- CCR SOURCE WATER SAMPLE
- STAFF GAGE, RIVER
- STAFF GAGE, CCR UNIT

- GROUNDWATER ELEVATION CONTOUR (2-FT CONTOUR INTERVAL, NAVD88)
- INFERRED GROUNDWATER ELEVATION CONTOUR
- GROUNDWATER FLOW DIRECTION
- REGULATED UNIT (SUBJECT UNIT)
- SITE FEATURE
- LIMITS OF FINAL COVER
- PROPERTY BOUNDARY

0 325 650 Feet

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

POTENTIOMETRIC SURFACE MAP JULY 29 AND 30, 2024

2024 ANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT LANDFILL

COFFEEN POWER PLANT
COFFEEN, ILLINOIS

FIGURE 3

RAMBOLL AMERICAS ENGINEERING SOLUTIONS, INC.

RAMBOLL

APPENDICES

APPENDIX A
LABORATORY REPORTS AND FIELD DATA SHEETS

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

November 21, 2023

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: COF-23Q3 **WorkOrder:** 23071810

Dear Eric Bauer:

TEKLAB, INC received 13 samples for COF_257_105 on 9/19/2023 1:12:00 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

Teklab, Inc.
Environmental Laboratory

Report Contents

Client: Ramboll
Work Order: 23071810
Client Project: COF-23Q3
Report Date: 21-Nov-23

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Teklab, Inc. Environmental Laboratory

Definitions

Client: Ramboll **Work Order:** 23071810

Client Project: COF-23Q3 **Report Date:** 21-Nov-23

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)

Teklab, Inc.
Environmental Laboratory

Definitions

Client: Ramboll
Work Order: 23071810
Client Project: COF-23Q3
Report Date: 21-Nov-23

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: 23071810
Client Project: COF-23Q3
Report Date: 21-Nov-23

Cooler Receipt Temp: 3.4 °C

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

G200, G207, G275, G277, G278, G279, G286, G1003, L203, and R201 could not be collected; the wells were dry. G1001 and G307 would not pump. G287, TR32, SG-02, and SG-04 could not be located/accessed.

G308 and G301DUP will be reported with collection times per field file(s). EAH 9/6/23

Due to an error in the field, G308 and X201 were recollected on 9/19/23 for Ferrous Iron and Total Iron per Ramboll's request. X201's depth measurment was also completed on 9/19/23. Resamples will be reported. EAH 9/19/23

Per Eric Bauer's request, only COF_257_105 data is included in this report. EAH 11/21/23

Locations

Collinsville

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

Springfield

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Kansas City

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

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Address 1319 Butterfield Rd.
Downers Grove, IL 60515
Phone (630) 324-6855
Fax
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Accreditations

Client: Ramboll
Work Order: 23071810
Client Project: COF-23Q3
Report Date: 21-Nov-23

State	Dept	Cert #	NELAP	Exp Date	Lab
Illinois	IEPA	100226	NELAP	1/31/2024	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		1/31/2024	Collinsville
Missouri	MDNR	00930		5/31/2023	Collinsville
Missouri	MDNR	930		1/31/2025	Collinsville

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 23071810

Client Project: COF-23Q3 **Report Date:** 21-Nov-23

Lab ID: 23071810-002 **Client Sample ID:** G102

Matrix: GROUNDWATER **Collection Date:** 08/09/2023 15:07

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**10.34**	ft	1	08/09/2023 15:07	R335486
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**11**	NTU	1	08/09/2023 15:07	R335486
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		**156**	mV	1	08/09/2023 15:07	R335486
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**1160**	µS/cm	1	08/09/2023 15:07	R335486
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**15.9**	°C	1	08/09/2023 15:07	R335486
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**1.09**	mg/L	1	08/09/2023 15:07	R335486
SW-846 9040B FIELD									
pH	*	0	1.00		**7.25**		1	08/09/2023 15:07	R335486
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**294**	mg/L	1	08/11/2023 16:14	R334939
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	08/11/2023 16:14	R334939
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		**538**	mg/L	1	08/12/2023 9:20	R334965
SW-846 9036 (TOTAL)									
Sulfate	NELAP	61	100		**126**	mg/L	10	08/29/2023 18:55	R335683
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**0.31**	mg/L	1	08/14/2023 11:47	R334963
SW-846 9251 (TOTAL)									
Chloride	NELAP	1	8		**31**	mg/L	2	08/24/2023 2:12	R335479
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		**76.1**	mg/L	1	08/15/2023 16:38	210770
Magnesium	NELAP	0.0055	0.0500		**33.0**	mg/L	1	08/15/2023 16:38	210770
Potassium	NELAP	0.0400	0.100		**0.561**	mg/L	1	08/15/2023 16:38	210770
Sodium	NELAP	0.0180	0.0500		**67.9**	mg/L	1	08/15/2023 16:38	210770
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Boron	NELAP	0.0092	0.020	J	**0.012**	mg/L	5	09/11/2023 15:45	210770

Results have less certainty - Client Requested Quantitation Limit for Boron is below the method limit of quantitation.

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

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 23071810

Client Project: COF-23Q3 **Report Date:** 21-Nov-23

Lab ID: 23071810-005 **Client Sample ID:** G106

Matrix: GROUNDWATER **Collection Date:** 08/10/2023 9:16

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**12.17**	ft	1	08/10/2023 9:16	R335486
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**2.6**	NTU	1	08/10/2023 9:16	R335486
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		**36**	mV	1	08/10/2023 9:16	R335486
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**1240**	µS/cm	1	08/10/2023 9:16	R335486
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**16.8**	°C	1	08/10/2023 9:16	R335486
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**1.72**	mg/L	1	08/10/2023 9:16	R335486
SW-846 9040B FIELD									
pH	*	0	1.00		**6.88**		1	08/10/2023 9:16	R335486
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**345**	mg/L	1	08/11/2023 16:30	R334939
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	08/11/2023 16:30	R334939
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		**608**	mg/L	1	08/14/2023 11:47	R335033
SW-846 9036 (TOTAL)									
Sulfate	NELAP	61	100		**123**	mg/L	10	08/29/2023 19:21	R335683
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**0.44**	mg/L	1	08/14/2023 12:10	R334963
SW-846 9251 (TOTAL)									
Chloride	NELAP	2	20		**56**	mg/L	5	09/01/2023 13:59	R335932
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		**93.5**	mg/L	1	08/15/2023 16:40	210770
Magnesium	NELAP	0.0055	0.0500		**43.6**	mg/L	1	08/15/2023 16:40	210770
Potassium	NELAP	0.0400	0.100		**0.445**	mg/L	1	08/15/2023 16:40	210770
Sodium	NELAP	0.0180	0.0500		**56.7**	mg/L	1	08/15/2023 16:40	210770
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Boron	NELAP	0.0092	0.0200		**0.0308**	mg/L	5	09/11/2023 17:12	210770

Results have less certainty - Client Requested Quantitation Limit for Boron is below the method limit of quantitation.

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

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 23071810

Client Project: COF-23Q3 **Report Date:** 21-Nov-23

Lab ID: 23071810-009 **Client Sample ID:** G110

Matrix: GROUNDWATER **Collection Date:** 08/09/2023 10:28

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**14.16**	ft	1	08/09/2023 10:28	R335486
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**9.1**	NTU	1	08/09/2023 10:28	R335486
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		**121**	mV	1	08/09/2023 10:28	R335486
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**1210**	µS/cm	1	08/09/2023 10:28	R335486
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**16.1**	°C	1	08/09/2023 10:28	R335486
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**1.33**	mg/L	1	08/09/2023 10:28	R335486
SW-846 9040B FIELD									
pH	*	0	1.00		**6.73**		1	08/09/2023 10:28	R335486
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**351**	mg/L	1	08/11/2023 16:37	R334939
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	08/11/2023 16:37	R334939
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		**582**	mg/L	1	08/12/2023 9:20	R334965
SW-846 9036 (TOTAL)									
Sulfate	NELAP	12	20		**94**	mg/L	2	08/29/2023 19:46	R335683
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**0.39**	mg/L	1	08/16/2023 14:47	R335102
SW-846 9251 (TOTAL)									
Chloride	NELAP	1	8		**58**	mg/L	2	08/29/2023 19:46	R335729
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100	S	**94.8**	mg/L	1	08/15/2023 16:44	210770
Magnesium	NELAP	0.0055	0.0500		**41.8**	mg/L	1	08/15/2023 16:44	210770
Potassium	NELAP	0.0400	0.100		**0.267**	mg/L	1	08/15/2023 16:44	210770
Sodium	NELAP	0.0180	0.0500	S	**52.1**	mg/L	1	08/15/2023 16:44	210770
Matrix spike control limits are not applicable due to high sample/spike ratio.									
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Boron	NELAP	0.0092	0.020	J	**0.013**	mg/L	5	09/13/2023 23:20	210770
Results have less certainty - Client Requested Quantitation Limit for Boron is below the method limit of quantitation.									
PQL recovered outside upper control limits for B. Sample results are below the reporting limit. Data is reportable per the TNI Standard.									

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 23071810

Client Project: COF-23Q3 **Report Date:** 21-Nov-23

Lab ID: 23071810-012 **Client Sample ID:** G120

Matrix: GROUNDWATER **Collection Date:** 08/09/2023 11:49

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**16.31**	ft	1	08/09/2023 11:49	R335486
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**16**	NTU	1	08/09/2023 11:49	R335486
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		**161**	mV	1	08/09/2023 11:49	R335486
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**1170**	µS/cm	1	08/09/2023 11:49	R335486
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**16.4**	°C	1	08/09/2023 11:49	R335486
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**3.79**	mg/L	1	08/09/2023 11:49	R335486
SW-846 9040B FIELD									
pH	*	0	1.00		**6.99**		1	08/09/2023 11:49	R335486
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**284**	mg/L	1	08/11/2023 16:43	R334939
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	08/11/2023 16:43	R334939
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		**530**	mg/L	1	08/12/2023 9:43	R334965
SW-846 9036 (TOTAL)									
Sulfate	NELAP	6	10		**28**	mg/L	1	08/29/2023 19:54	R335683
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**0.38**	mg/L	1	08/14/2023 11:49	R334963
SW-846 9251 (TOTAL)									
Chloride	NELAP	5	40		**101**	mg/L	10	08/29/2023 19:59	R335729
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100	S	**83.6**	mg/L	1	08/15/2023 16:06	210785
Magnesium	NELAP	0.0055	0.0500	S	**39.6**	mg/L	1	08/15/2023 16:06	210785
Potassium	NELAP	0.0400	0.100		**0.678**	mg/L	1	08/15/2023 16:06	210785
Sodium	NELAP	0.0180	0.0500	S	**39.2**	mg/L	1	08/15/2023 16:06	210785
Matrix spike control limits are not applicable due to high sample/spike ratio.									
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Boron	NELAP	0.0092	0.0200		**< 0.0200**	mg/L	5	09/11/2023 17:19	210785
Results have less certainty - Client Requested Quantitation Limit for Boron is below the method limit of quantitation.									

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 23071810

Client Project: COF-23Q3 **Report Date:** 21-Nov-23

Lab ID: 23071810-017 **Client Sample ID:** G125

Matrix: GROUNDWATER **Collection Date:** 08/09/2023 13:27

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**18.53**	ft	1	08/09/2023 13:27	R335486
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**7.2**	NTU	1	08/09/2023 13:27	R335486
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		**152**	mV	1	08/09/2023 13:27	R335486
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**1160**	µS/cm	1	08/09/2023 13:27	R335486
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**15.5**	°C	1	08/09/2023 13:27	R335486
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**4.64**	mg/L	1	08/09/2023 13:27	R335486
SW-846 9040B FIELD									
pH	*	0	1.00		**7.15**		1	08/09/2023 13:27	R335486
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**284**	mg/L	1	08/11/2023 16:49	R334939
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	08/11/2023 16:49	R334939
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		**556**	mg/L	1	08/12/2023 10:08	R334965
SW-846 9036 (TOTAL)									
Sulfate	NELAP	61	100	S	**103**	mg/L	10	08/29/2023 20:15	R335683
Matrix spike did not recover within control limits. Result is verified by reanalysis at dilution.									
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**0.47**	mg/L	1	08/14/2023 11:51	R334963
SW-846 9251 (TOTAL)									
Chloride	NELAP	5	40		**82**	mg/L	10	08/29/2023 20:15	R335729
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100	S	**67.6**	mg/L	1	08/15/2023 16:08	210785
Magnesium	NELAP	0.0055	0.0500		**32.5**	mg/L	1	08/15/2023 16:08	210785
Potassium	NELAP	0.0400	0.100		**0.399**	mg/L	1	08/15/2023 16:08	210785
Sodium	NELAP	0.0180	0.0500		**83.1**	mg/L	1	08/15/2023 16:08	210785
Matrix spike control limits are not applicable due to high sample/spike ratio.									
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Boron	NELAP	0.0092	0.0200		**< 0.0200**	mg/L	5	09/11/2023 17:43	210785
Results have less certainty - Client Requested Quantitation Limit for Boron is below the method limit of quantitation.									

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 23071810

Client Project: COF-23Q3 **Report Date:** 21-Nov-23

Lab ID: 23071810-101 **Client Sample ID:** T127

Matrix: GROUNDWATER **Collection Date:** 08/09/2023 11:07

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**15.20**	ft	1	08/09/2023 11:08	R335486
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**8.0**	NTU	1	08/09/2023 11:08	R335486
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		**148**	mV	1	08/09/2023 11:08	R335486
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**1060**	µS/cm	1	08/09/2023 11:08	R335486
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**15.7**	°C	1	08/09/2023 11:08	R335486
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**0.90**	mg/L	1	08/09/2023 11:08	R335486
SW-846 9040B FIELD									
pH	*	0	1.00		**6.97**		1	08/09/2023 11:08	R335486
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**302**	mg/L	1	08/11/2023 16:56	R334939
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	08/11/2023 16:56	R334939
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		**500**	mg/L	1	08/14/2023 10:23	R335033
SW-846 9036 (TOTAL)									
Sulfate	NELAP	31	50	S	**87**	mg/L	5	08/30/2023 22:31	R335764
Matrix spike did not recover within control limits. Result is verified by reanalysis at dilution.									
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**0.48**	mg/L	1	08/14/2023 12:36	R334963
SW-846 9251 (TOTAL)									
Chloride	NELAP	2	20		**45**	mg/L	5	08/30/2023 22:32	R335780
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100	S	**76.8**	mg/L	1	08/15/2023 18:15	210812
Magnesium	NELAP	0.0055	0.0500		**33.9**	mg/L	1	08/15/2023 18:15	210812
Potassium	NELAP	0.0400	0.100		**0.257**	mg/L	1	08/15/2023 18:15	210812
Sodium	NELAP	0.0180	0.0500		**61.6**	mg/L	1	08/15/2023 18:15	210812
Matrix spike control limits are not applicable due to high sample/spike ratio.									
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Boron	NELAP	0.0092	0.020	J	**0.011**	mg/L	5	09/11/2023 14:37	210812
Results have less certainty - Client Requested Quantitation Limit for Boron is below the method limit of quantitation.									

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 23071810

Client Project: COF-23Q3 **Report Date:** 21-Nov-23

Lab ID: 23071810-107 **Client Sample ID:** Field Blank

Matrix: AQUEOUS **Collection Date:** 08/15/2023 10:35

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	08/17/2023 13:33	R335189
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	08/17/2023 13:33	R335189
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		**< 20**	mg/L	1	08/16/2023 12:39	R335171
SW-846 9036 (TOTAL)									
Sulfate	NELAP	6	10	J	**7**	mg/L	1	08/30/2023 23:33	R335764
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10	J	**0.06**	mg/L	1	08/16/2023 14:38	R335102
SW-846 9251 (TOTAL)									
Chloride	NELAP	1	4		**< 4**	mg/L	1	08/30/2023 23:34	R335780
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.035	0.10	J	**0.042**	mg/L	1	08/17/2023 10:29	210926
Magnesium	NELAP	0.0055	0.0500		**< 0.0500**	mg/L	1	08/18/2023 15:59	210926
Potassium	NELAP	0.0400	0.100		**< 0.100**	mg/L	1	08/17/2023 10:29	210926
Sodium	NELAP	0.018	0.050	J	**0.030**	mg/L	1	08/17/2023 10:29	210926
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Boron	NELAP	0.0092	0.0200		**0.104**	mg/L	5	09/11/2023 12:58	210926

Results have less certainty - Client Requested Quantitation Limit for Boron is below the method limit of quantitation.

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 23071810

Client Project: COF-23Q3 **Report Date:** 21-Nov-23

Lab ID: 23071810-108 **Client Sample ID:** G102 Duplicate

Matrix: GROUNDWATER **Collection Date:** 08/09/2023 15:07

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**10.34**	ft	1	08/09/2023 15:07	R335486
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**11**	NTU	1	08/09/2023 15:07	R335486
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		**156**	mV	1	08/09/2023 15:07	R335486
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**1160**	µS/cm	1	08/09/2023 15:07	R335486
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**15.9**	°C	1	08/09/2023 15:07	R335486
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**1.09**	mg/L	1	08/09/2023 15:07	R335486
SW-846 9040B FIELD									
pH	*	0	1.00		**7.25**		1	08/09/2023 15:07	R335486
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**287**	mg/L	1	08/14/2023 13:24	R334970
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	08/14/2023 13:24	R334970
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		**562**	mg/L	1	08/14/2023 11:45	R335033
SW-846 9036 (TOTAL)									
Sulfate	NELAP	61	100		**136**	mg/L	10	08/31/2023 0:01	R335764
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**0.27**	mg/L	1	08/14/2023 12:40	R334963
SW-846 9251 (TOTAL)									
Chloride	NELAP	1	8		**32**	mg/L	2	08/30/2023 23:57	R335780
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		**80.9**	mg/L	1	08/15/2023 18:19	210812
Magnesium	NELAP	0.0055	0.0500		**34.8**	mg/L	1	08/15/2023 18:19	210812
Potassium	NELAP	0.0400	0.100		**0.618**	mg/L	1	08/15/2023 18:19	210812
Sodium	NELAP	0.0180	0.0500		**63.8**	mg/L	1	08/15/2023 18:19	210812
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Boron	NELAP	0.0092	0.020	J	**0.011**	mg/L	5	08/30/2023 23:06	210812

Results have less certainty - Client Requested Quantitation Limit for Boron is below the method limit of quantitation.

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

Sample Summary

http://www.teklabinc.com/

Client: Ramboll
Client Project: COF-23Q3

Work Order: 23071810
Report Date: 21-Nov-23

Lab Sample ID	Client Sample ID	Matrix	Fractions	Collection Date
23071810-002	G102	Groundwater	7	08/09/2023 15:07
23071810-005	G106	Groundwater	7	08/10/2023 9:16
23071810-009	G110	Groundwater	6	08/09/2023 10:28
23071810-012	G120	Groundwater	6	08/09/2023 11:49
23071810-017	G125	Groundwater	6	08/09/2023 13:27
23071810-024	G200	Groundwater	7	08/15/2023 0:00
23071810-086	L203	Leachate	2	08/15/2023 0:00
23071810-096	R201	Groundwater	7	08/15/2023 0:00
23071810-101	T127	Groundwater	6	08/09/2023 11:07
23071810-107	Field Blank	Aqueous	8	08/15/2023 10:35
23071810-108	G102 Duplicate	Groundwater	7	08/09/2023 15:07
23071810-109	G200 Duplicate	Groundwater	7	08/15/2023 0:00
23071810-112	R201 Duplicate	Groundwater	7	08/15/2023 0:00

Teklab, Inc. Environmental Laboratory

Dates Report

Client: Ramboll **Work Order:** 23071810

Client Project: COF-23Q3 **Report Date:** 21-Nov-23

Sample ID	Client Sample ID	Collection Date	Received Date		
	Test Name			**Prep Date/Time**	**Analysis Date/Time**
23071810-002A	G102	08/09/2023 15:07	08/09/2023 17:52		
	Field Elevation Measurements				08/09/2023 15:07
	Standard Methods 2130 B Field				08/09/2023 15:07
	Standard Methods 18th Ed. 2580 B Field				08/09/2023 15:07
	Standard Methods 2320 B (Total) 1997, 2011				08/11/2023 16:14
	Standard Methods 2320 B 1997, 2011				08/11/2023 16:14
	Standard Methods 2510 B Field				08/09/2023 15:07
	Standard Methods 2540 C (Total) 1997, 2011				08/12/2023 9:20
	Standard Methods 2550 B Field				08/09/2023 15:07
	Standard Methods 4500-O G Field				08/09/2023 15:07
	SW-846 9036 (Total)				08/29/2023 18:55
	SW-846 9040B Field				08/09/2023 15:07
	SW-846 9214 (Total)				08/14/2023 11:47
	SW-846 9251 (Total)				08/24/2023 2:12
23071810-002B	G102	08/09/2023 15:07	08/09/2023 17:52		
	Standard Methods 2320 B (Dissolved) 1997, 2011				08/15/2023 9:10
	Standard Methods 2320 B (Dissolved) 1997, 2011				08/15/2023 9:10
	Standard Methods 2550 B Field				08/09/2023 15:07
	Standard Methods 4500-NO2 B (Dissolved) 2000, 2011				08/10/2023 16:34
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				08/10/2023 17:05
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				08/10/2023 17:05
	SW-846 9036 (Dissolved)				08/21/2023 16:08
	SW-846 9214 (Dissolved)				08/15/2023 13:13
	SW-846 9251 (Dissolved)				08/21/2023 16:03
23071810-002C	G102	08/09/2023 15:07	08/09/2023 17:52		
	SW-846 3005A, 6010B, Metals by ICP (Total)			08/11/2023 12:38	08/15/2023 16:38
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			08/11/2023 12:38	08/23/2023 2:43
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			08/11/2023 12:38	08/26/2023 6:50
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			08/11/2023 12:38	09/11/2023 15:45
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			08/11/2023 12:38	09/13/2023 22:53
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			09/12/2023 12:05	09/15/2023 19:52
	SW-846 7470A (Total)			08/10/2023 10:59	08/11/2023 19:01
23071810-002D	G102	08/09/2023 15:07	08/09/2023 17:52		
	SW-846 3005A, 6010B, Metals by ICP (Dissolved)			08/11/2023 17:08	08/14/2023 15:33
	SW-846 3005A, 6020A, Metals by ICPMS (Dissolved)			08/11/2023 17:08	08/30/2023 18:32
	SW-846 7470A (Dissolved)			08/10/2023 10:59	08/11/2023 19:08
23071810-002E	G102	08/09/2023 15:07	08/09/2023 17:52		

Teklab, Inc. Environmental Laboratory

Dates Report

Client: Ramboll **Work Order:** 23071810

Client Project: COF-23Q3 **Report Date:** 21-Nov-23

Sample ID	Client Sample ID	Collection Date	Received Date		
	Test Name			**Prep Date/Time**	**Analysis Date/Time**
	SW-846 9012A (Total)			08/11/2023 9:47	08/14/2023 10:52
23071810-002F	G102	08/09/2023 15:07	08/09/2023 17:52		
	SW-846 9066 (Total)				08/16/2023 8:17
23071810-002G	G102	08/09/2023 15:07	08/09/2023 17:52		
	Standard Methods 4500-NH3 G (Dissolved) 1997, 2011				08/11/2023 9:52
23071810-005A	G106	08/10/2023 9:16	08/10/2023 17:30		
	Field Elevation Measurements				08/10/2023 9:16
	Standard Methods 2130 B Field				08/10/2023 9:16
	Standard Methods 18th Ed. 2580 B Field				08/10/2023 9:16
	Standard Methods 2320 B (Total) 1997, 2011				08/11/2023 16:30
	Standard Methods 2320 B 1997, 2011				08/11/2023 16:30
	Standard Methods 2510 B Field				08/10/2023 9:16
	Standard Methods 2540 C (Total) 1997, 2011				08/14/2023 11:47
	Standard Methods 2550 B Field				08/10/2023 9:16
	Standard Methods 4500-O G Field				08/10/2023 9:16
	SW-846 9036 (Total)				08/29/2023 19:21
	SW-846 9040B Field				08/10/2023 9:16
	SW-846 9214 (Total)				08/14/2023 12:10
	SW-846 9251 (Total)				09/01/2023 13:59
23071810-005B	G106	08/10/2023 9:16	08/10/2023 17:30		
	Standard Methods 2320 B (Dissolved) 1997, 2011				08/16/2023 8:58
	Standard Methods 2320 B (Dissolved) 1997, 2011				08/16/2023 8:58
	Standard Methods 2550 B Field				08/10/2023 9:16
	Standard Methods 4500-NO2 B (Dissolved) 2000, 2011				08/11/2023 17:33
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				08/11/2023 12:16
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				08/11/2023 12:16
	SW-846 9036 (Dissolved)				08/21/2023 16:46
	SW-846 9214 (Dissolved)				08/16/2023 9:39
	SW-846 9251 (Dissolved)				08/21/2023 16:46
23071810-005C	G106	08/10/2023 9:16	08/10/2023 17:30		
	SW-846 3005A, 6010B, Metals by ICP (Total)			08/11/2023 12:38	08/15/2023 16:40
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			08/11/2023 12:38	08/23/2023 3:49
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			08/11/2023 12:38	08/26/2023 7:53
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			08/11/2023 12:38	09/11/2023 17:12
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			08/11/2023 12:38	09/13/2023 23:15
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			09/12/2023 12:05	09/15/2023 20:08
	SW-846 7470A (Total)			08/14/2023 16:30	08/15/2023 13:20

Teklab, Inc.
Environmental Laboratory

Dates Report

Client: Ramboll
Work Order: 23071810
Client Project: COF-23Q3
Report Date: 21-Nov-23

Sample ID	Client Sample ID	Collection Date	Received Date		
	Test Name			**Prep Date/Time**	**Analysis Date/Time**
23071810-005D	G106	08/10/2023 9:16	08/10/2023 17:30		
	SW-846 3005A, 6010B, Metals by ICP (Dissolved)			08/14/2023 11:57	08/15/2023 10:49
	SW-846 3005A, 6020A, Metals by ICPMS (Dissolved)			08/14/2023 11:57	08/31/2023 0:10
	SW-846 7470A (Dissolved)			08/14/2023 16:30	08/15/2023 13:22
23071810-005E	G106	08/10/2023 9:16	08/10/2023 17:30		
	SW-846 9012A (Total)			08/14/2023 19:01	08/15/2023 12:28
23071810-005F	G106	08/10/2023 9:16	08/10/2023 17:30		
	SW-846 9066 (Total)				08/16/2023 8:56
23071810-005G	G106	08/10/2023 9:16	08/10/2023 17:30		
	Standard Methods 4500-NH3 G (Dissolved) 1997, 2011				08/14/2023 11:13
23071810-009A	G110	08/09/2023 10:28	08/09/2023 17:52		
	Field Elevation Measurements				08/09/2023 10:28
	Standard Methods 2130 B Field				08/09/2023 10:28
	Standard Methods 18th Ed. 2580 B Field				08/09/2023 10:28
	Standard Methods 2320 B (Total) 1997, 2011				08/11/2023 16:37
	Standard Methods 2320 B 1997, 2011				08/11/2023 16:37
	Standard Methods 2510 B Field				08/09/2023 10:28
	Standard Methods 2540 C (Total) 1997, 2011				08/12/2023 9:20
	Standard Methods 2550 B Field				08/09/2023 10:28
	Standard Methods 4500-O G Field				08/09/2023 10:28
	SW-846 9036 (Total)				08/29/2023 19:46
	SW-846 9040B Field				08/09/2023 10:28
	SW-846 9214 (Total)				08/16/2023 14:47
	SW-846 9251 (Total)				08/29/2023 19:46
23071810-009B	G110	08/09/2023 10:28	08/09/2023 17:52		
	Standard Methods 2320 B (Dissolved) 1997, 2011				08/15/2023 9:28
	Standard Methods 2320 B (Dissolved) 1997, 2011				08/15/2023 9:28
	Standard Methods 2550 B Field				08/09/2023 10:28
	Standard Methods 4500-NO2 B (Dissolved) 2000, 2011				08/10/2023 16:35
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				08/10/2023 17:12
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				08/10/2023 17:12
	SW-846 9036 (Dissolved)				08/23/2023 12:14
	SW-846 9214 (Dissolved)				08/15/2023 13:18
	SW-846 9251 (Dissolved)				08/21/2023 17:50
23071810-009C	G110	08/09/2023 10:28	08/09/2023 17:52		
	SW-846 3005A, 6010B, Metals by ICP (Total)			08/11/2023 12:38	08/15/2023 16:44
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			08/11/2023 12:38	09/13/2023 23:20

Teklab, Inc. Environmental Laboratory

Dates Report

Client: Ramboll **Work Order:** 23071810

Client Project: COF-23Q3 **Report Date:** 21-Nov-23

Sample ID	Client Sample ID	Collection Date	Received Date		
	Test Name			**Prep Date/Time**	**Analysis Date/Time**
23071810-009D	G110	08/09/2023 10:28	08/09/2023 17:52		
	SW-846 3005A, 6010B, Metals by ICP (Dissolved)			08/14/2023 11:57	08/15/2023 14:02
	SW-846 3005A, 6020A, Metals by ICPMS (Dissolved)			08/14/2023 11:57	08/31/2023 0:35
	SW-846 7470A (Dissolved)			08/10/2023 10:59	08/11/2023 19:19
23071810-009E	G110	08/09/2023 10:28	08/09/2023 17:52		
	SW-846 9012A (Total)			08/11/2023 9:47	08/14/2023 12:24
23071810-009F	G110	08/09/2023 10:28	08/09/2023 17:52		
	Standard Methods 4500-NH3 G (Dissolved) 1997, 2011				08/11/2023 10:31
23071810-012A	G120	08/09/2023 11:49	08/09/2023 17:52		
	Field Elevation Measurements				08/09/2023 11:49
	Standard Methods 2130 B Field				08/09/2023 11:49
	Standard Methods 18th Ed. 2580 B Field				08/09/2023 11:49
	Standard Methods 2320 B (Total) 1997, 2011				08/11/2023 16:43
	Standard Methods 2320 B 1997, 2011				08/11/2023 16:43
	Standard Methods 2510 B Field				08/09/2023 11:49
	Standard Methods 2540 C (Total) 1997, 2011				08/12/2023 9:43
	Standard Methods 2550 B Field				08/09/2023 11:49
	Standard Methods 4500-O G Field				08/09/2023 11:49
	SW-846 9036 (Total)				08/29/2023 19:54
	SW-846 9040B Field				08/09/2023 11:49
	SW-846 9214 (Total)				08/14/2023 11:49
	SW-846 9251 (Total)				08/29/2023 19:59
23071810-012B	G120	08/09/2023 11:49	08/09/2023 17:52		
	Standard Methods 2320 B (Dissolved) 1997, 2011				08/15/2023 9:40
	Standard Methods 2320 B (Dissolved) 1997, 2011				08/15/2023 9:40
	Standard Methods 2550 B Field				08/09/2023 11:49
	Standard Methods 4500-NO2 B (Dissolved) 2000, 2011				08/10/2023 16:37
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				08/10/2023 17:25
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				08/10/2023 17:25
	SW-846 9036 (Dissolved)				08/21/2023 18:08
	SW-846 9214 (Dissolved)				08/15/2023 13:21
	SW-846 9251 (Dissolved)				08/21/2023 18:27
23071810-012C	G120	08/09/2023 11:49	08/09/2023 17:52		
	SW-846 3005A, 6010B, Metals by ICP (Total)			08/11/2023 18:16	08/15/2023 16:06
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			08/11/2023 18:16	09/11/2023 17:19
23071810-012D	G120	08/09/2023 11:49	08/09/2023 17:52		
	SW-846 3005A, 6010B, Metals by ICP (Dissolved)			08/14/2023 11:57	08/15/2023 14:07

Teklab, Inc. Environmental Laboratory

Dates Report

Client: Ramboll **Work Order:** 23071810

Client Project: COF-23Q3 **Report Date:** 21-Nov-23

Sample ID	Client Sample ID	Collection Date	Received Date		
	Test Name			**Prep Date/Time**	**Analysis Date/Time**
	SW-846 3005A, 6020A, Metals by ICPMS (Dissolved)			08/14/2023 11:57	08/31/2023 18:35
	SW-846 3005A, 6020A, Metals by ICPMS (Dissolved)			08/14/2023 11:57	09/10/2023 21:48
	SW-846 7470A (Dissolved)			08/14/2023 16:30	08/15/2023 16:05
23071810-012E	G120	08/09/2023 11:49	08/09/2023 17:52		
	SW-846 9012A (Total)			08/14/2023 19:01	08/15/2023 12:37
23071810-012F	G120	08/09/2023 11:49	08/09/2023 17:52		
	Standard Methods 4500-NH3 G (Dissolved) 1997, 2011				08/11/2023 11:08
23071810-017A	G125	08/09/2023 13:27	08/09/2023 17:52		
	Field Elevation Measurements				08/09/2023 13:27
	Standard Methods 2130 B Field				08/09/2023 13:27
	Standard Methods 18th Ed. 2580 B Field				08/09/2023 13:27
	Standard Methods 2320 B (Total) 1997, 2011				08/11/2023 16:49
	Standard Methods 2320 B 1997, 2011				08/11/2023 16:49
	Standard Methods 2510 B Field				08/09/2023 13:27
	Standard Methods 2540 C (Total) 1997, 2011				08/12/2023 10:08
	Standard Methods 2550 B Field				08/09/2023 13:27
	Standard Methods 4500-O G Field				08/09/2023 13:27
	SW-846 9036 (Total)				08/29/2023 20:15
	SW-846 9040B Field				08/09/2023 13:27
	SW-846 9214 (Total)				08/14/2023 11:51
	SW-846 9251 (Total)				08/29/2023 20:15
23071810-017B	G125	08/09/2023 13:27	08/09/2023 17:52		
	Standard Methods 2320 B (Dissolved) 1997, 2011				08/15/2023 11:37
	Standard Methods 2320 B (Dissolved) 1997, 2011				08/15/2023 11:37
	Standard Methods 2550 B Field				08/09/2023 13:27
	Standard Methods 4500-NO2 B (Dissolved) 2000, 2011				08/10/2023 16:39
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				08/11/2023 11:03
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				08/11/2023 11:03
	SW-846 9036 (Dissolved)				08/23/2023 13:16
	SW-846 9214 (Dissolved)				08/15/2023 13:39
	SW-846 9251 (Dissolved)				08/21/2023 19:39
23071810-017C	G125	08/09/2023 13:27	08/09/2023 17:52		
	SW-846 3005A, 6010B, Metals by ICP (Total)			08/11/2023 18:16	08/15/2023 16:08
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			08/11/2023 18:16	09/11/2023 17:43
23071810-017D	G125	08/09/2023 13:27	08/09/2023 17:52		
	SW-846 3005A, 6010B, Metals by ICP (Dissolved)			08/14/2023 11:57	08/15/2023 14:29
	SW-846 3005A, 6020A, Metals by ICPMS (Dissolved)			08/14/2023 11:57	08/31/2023 19:00

Teklab, Inc. Environmental Laboratory

Dates Report

Client: Ramboll **Work Order:** 23071810

Client Project: COF-23Q3 **Report Date:** 21-Nov-23

Sample ID	Client Sample ID	Collection Date	Received Date		
	Test Name			**Prep Date/Time**	**Analysis Date/Time**
	SW-846 3005A, 6020A, Metals by ICPMS (Dissolved)			08/14/2023 11:57	09/10/2023 22:13
	SW-846 7470A (Dissolved)			08/14/2023 16:30	08/15/2023 16:21
23071810-017E	G125	08/09/2023 13:27	08/09/2023 17:52		
	SW-846 9012A (Total)			08/14/2023 19:01	08/15/2023 13:20
23071810-017F	G125	08/09/2023 13:27	08/09/2023 17:52		
	Standard Methods 4500-NH3 G (Dissolved) 1997, 2011				08/11/2023 11:21
23071810-101A	T127	08/09/2023 11:07	08/09/2023 17:52		
	Field Elevation Measurements				08/09/2023 11:08
	Standard Methods 2130 B Field				08/09/2023 11:08
	Standard Methods 18th Ed. 2580 B Field				08/09/2023 11:08
	Standard Methods 2320 B (Total) 1997, 2011				08/11/2023 16:56
	Standard Methods 2320 B 1997, 2011				08/11/2023 16:56
	Standard Methods 2510 B Field				08/09/2023 11:08
	Standard Methods 2540 C (Total) 1997, 2011				08/14/2023 10:23
	Standard Methods 2550 B Field				08/09/2023 11:08
	Standard Methods 4500-O G Field				08/09/2023 11:08
	SW-846 9036 (Total)				08/30/2023 22:31
	SW-846 9040B Field				08/09/2023 11:08
	SW-846 9214 (Total)				08/14/2023 12:36
	SW-846 9251 (Total)				08/30/2023 22:32
23071810-101B	T127	08/09/2023 11:07	08/09/2023 17:52		
	Standard Methods 2320 B (Dissolved) 1997, 2011				08/15/2023 14:24
	Standard Methods 2320 B (Dissolved) 1997, 2011				08/15/2023 14:24
	Standard Methods 2550 B Field				08/09/2023 11:08
	Standard Methods 4500-NO2 B (Dissolved) 2000, 2011				08/10/2023 16:43
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				08/11/2023 10:57
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				08/11/2023 10:57
	SW-846 9036 (Dissolved)				08/29/2023 17:35
	SW-846 9214 (Dissolved)				08/15/2023 13:44
	SW-846 9251 (Dissolved)				08/24/2023 0:25
23071810-101C	T127	08/09/2023 11:07	08/09/2023 17:52		
	SW-846 3005A, 6010B, Metals by ICP (Total)			08/14/2023 11:42	08/15/2023 18:15
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			08/14/2023 11:42	09/11/2023 14:37
23071810-101D	T127	08/09/2023 11:07	08/09/2023 17:52		
	SW-846 3005A, 6010B, Metals by ICP (Dissolved)			08/14/2023 13:35	08/16/2023 12:36
	SW-846 3005A, 6010B, Metals by ICP (Dissolved)			08/14/2023 13:35	08/16/2023 16:29
	SW-846 3005A, 6020A, Metals by ICPMS (Dissolved)			08/14/2023 13:35	08/31/2023 22:18

Teklab, Inc. Environmental Laboratory

Dates Report

Client: Ramboll **Work Order:** 23071810

Client Project: COF-23Q3 **Report Date:** 21-Nov-23

Sample ID	Client Sample ID	Collection Date	Received Date		
	Test Name			**Prep Date/Time**	**Analysis Date/Time**
	SW-846 3005A, 6020A, Metals by ICPMS (Dissolved)			08/14/2023 13:35	09/11/2023 2:28
	SW-846 7470A (Dissolved)			08/14/2023 18:11	08/15/2023 19:10
23071810-101E	T127	08/09/2023 11:07	08/09/2023 17:52		
	SW-846 9012A (Total)			08/15/2023 20:13	08/17/2023 6:56
23071810-101F	T127	08/09/2023 11:07	08/09/2023 17:52		
	Standard Methods 4500-NH3 G (Dissolved) 1997, 2011				08/11/2023 11:41
23071810-107A	Field Blank	08/15/2023 10:35	08/15/2023 15:18		
	Standard Methods 2320 B (Total) 1997, 2011				08/17/2023 13:33
	Standard Methods 2320 B 1997, 2011				08/17/2023 13:33
	Standard Methods 2540 C (Total) 1997, 2011				08/16/2023 12:39
	Standard Methods 4500-NO2 B (Total) 2000, 2011				08/15/2023 21:06
	Standard Methods 4500-NO3 F (Total) 2000, 2011				08/16/2023 14:23
	Standard Methods 4500-NO3 F (Total) 2000, 2011				08/16/2023 14:23
	Standard Methods 4500-P E 1999				08/16/2023 0:00
	Standard Methods 4500-P E 1999, 2011				08/16/2023 13:52
	SW-846 9036 (Total)				08/30/2023 23:33
	SW-846 9214 (Total)				08/16/2023 14:38
	SW-846 9251 (Total)				08/30/2023 23:34
23071810-107B	Field Blank	08/15/2023 10:35	08/15/2023 15:18		
	Standard Methods 2320 B (Dissolved) 1997, 2011				08/17/2023 11:27
	Standard Methods 2320 B (Dissolved) 1997, 2011				08/17/2023 11:27
	Standard Methods 4500-NO2 B (Dissolved) 2000, 2011				08/15/2023 21:01
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				08/16/2023 13:12
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				08/16/2023 13:12
	Standard Methods 4500-P E (Dissolved) 1999, 2011				08/16/2023 13:53
	Standard Methods 4500-P E (Dissolved) 1999				08/16/2023 0:00
	SW-846 9036 (Dissolved)				08/24/2023 1:18
	SW-846 9214 (Dissolved)				08/16/2023 14:41
	SW-846 9251 (Dissolved)				08/24/2023 1:18
23071810-107C	Field Blank	08/15/2023 10:35	08/15/2023 15:18		
	SW-846 3005A, 6010B, Metals by ICP (Total)			08/15/2023 18:29	08/17/2023 10:29
	SW-846 3005A, 6010B, Metals by ICP (Total)			08/15/2023 18:29	08/18/2023 15:59
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			08/15/2023 18:29	08/30/2023 12:36
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			08/15/2023 18:29	09/11/2023 12:58
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			08/15/2023 18:29	09/13/2023 22:48
	SW-846 7470A (Total)			08/22/2023 13:27	08/24/2023 11:44
23071810-107D	Field Blank	08/15/2023 10:35	08/15/2023 15:18		

Teklab, Inc. Environmental Laboratory

Dates Report

Client: Ramboll **Work Order:** 23071810

Client Project: COF-23Q3 **Report Date:** 21-Nov-23

Sample ID	Client Sample ID	Collection Date	Received Date		
	Test Name			**Prep Date/Time**	**Analysis Date/Time**
	SW-846 3005A, 6010B, Metals by ICP (Dissolved)			08/15/2023 19:44	08/16/2023 10:09
	SW-846 3005A, 6010B, Metals by ICP (Dissolved)			08/15/2023 19:44	08/16/2023 16:04
	SW-846 3005A, 6010B, Metals by ICP (Dissolved)			08/15/2023 19:44	08/18/2023 15:52
	SW-846 3005A, 6020A, Metals by ICPMS (Dissolved)			08/15/2023 19:44	09/01/2023 16:01
	SW-846 3005A, 6020A, Metals by ICPMS (Dissolved)			08/15/2023 19:44	09/08/2023 2:39
	SW-846 3005A, 6020A, Metals by ICPMS (Dissolved)			08/15/2023 19:44	09/13/2023 18:44
	SW-846 7470A (Dissolved)			08/22/2023 13:27	08/24/2023 11:46
23071810-107E	Field Blank	08/15/2023 10:35	08/15/2023 15:18		
	SW-846 9012A (Total)			08/16/2023 20:03	08/17/2023 11:33
23071810-107F	Field Blank	08/15/2023 10:35	08/15/2023 15:18		
	SW-846 9060A				09/01/2023 2:44
	SW-846 9066 (Total)				08/23/2023 10:41
23071810-107G	Field Blank	08/15/2023 10:35	08/15/2023 15:18		
	SW-846 9060A				08/31/2023 17:09
23071810-107H	Field Blank	08/15/2023 10:35	08/15/2023 15:18		
	Standard Methods 4500-NH3 G (Dissolved) 1997, 2011				08/16/2023 11:36
23071810-108A	G102 Duplicate	08/09/2023 15:07	08/09/2023 17:52		
	Field Elevation Measurements				08/09/2023 15:07
	Standard Methods 2130 B Field				08/09/2023 15:07
	Standard Methods 18th Ed. 2580 B Field				08/09/2023 15:07
	Standard Methods 2320 B (Total) 1997, 2011				08/14/2023 13:24
	Standard Methods 2320 B 1997, 2011				08/14/2023 13:24
	Standard Methods 2510 B Field				08/09/2023 15:07
	Standard Methods 2540 C (Total) 1997, 2011				08/14/2023 11:45
	Standard Methods 2550 B Field				08/09/2023 15:07
	Standard Methods 4500-O G Field				08/09/2023 15:07
	SW-846 9036 (Total)				08/31/2023 0:01
	SW-846 9040B Field				08/09/2023 15:07
	SW-846 9214 (Total)				08/14/2023 12:40
	SW-846 9251 (Total)				08/30/2023 23:57
23071810-108B	G102 Duplicate	08/09/2023 15:07	08/09/2023 17:52		
	Standard Methods 2320 B (Dissolved) 1997, 2011				08/15/2023 14:36
	Standard Methods 2320 B (Dissolved) 1997, 2011				08/15/2023 14:36
	Standard Methods 2550 B Field				08/09/2023 15:07
	Standard Methods 4500-NO2 B (Dissolved) 2000, 2011				08/10/2023 16:44
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				08/10/2023 18:58
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				08/10/2023 18:58

Teklab, Inc. Environmental Laboratory

Dates Report

Client: Ramboll **Work Order:** 23071810

Client Project: COF-23Q3 **Report Date:** 21-Nov-23

Sample ID	Client Sample ID	Collection Date	Received Date		
	Test Name			**Prep Date/Time**	**Analysis Date/Time**
	SW-846 9036 (Dissolved)				08/24/2023 1:31
	SW-846 9214 (Dissolved)				08/15/2023 13:47
	SW-846 9251 (Dissolved)				08/24/2023 1:26
23071810-108C	G102 Duplicate	08/09/2023 15:07	08/09/2023 17:52		
	SW-846 3005A, 6010B, Metals by ICP (Total)			08/14/2023 11:42	08/15/2023 18:19
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			08/14/2023 11:42	08/30/2023 23:06
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			09/11/2023 9:11	09/15/2023 19:47
	SW-846 7470A (Total)			08/14/2023 18:12	08/15/2023 19:21
23071810-108D	G102 Duplicate	08/09/2023 15:07	08/09/2023 17:52		
	SW-846 3005A, 6010B, Metals by ICP (Dissolved)			08/14/2023 13:35	08/16/2023 12:38
	SW-846 3005A, 6010B, Metals by ICP (Dissolved)			08/14/2023 13:35	08/16/2023 16:32
	SW-846 3005A, 6020A, Metals by ICPMS (Dissolved)			08/14/2023 13:35	08/31/2023 22:30
	SW-846 3005A, 6020A, Metals by ICPMS (Dissolved)			08/14/2023 13:35	09/11/2023 2:53
	SW-846 7470A (Dissolved)			08/14/2023 18:12	08/15/2023 19:28
23071810-108E	G102 Duplicate	08/09/2023 15:07	08/09/2023 17:52		
	SW-846 9012A (Total)			08/15/2023 20:13	08/17/2023 7:04
23071810-108F	G102 Duplicate	08/09/2023 15:07	08/09/2023 17:52		
	SW-846 9066 (Total)				08/16/2023 10:00
23071810-108G	G102 Duplicate	08/09/2023 15:07	08/09/2023 17:52		
	Standard Methods 4500-NH3 G (Dissolved) 1997, 2011				08/11/2023 12:04

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll
Work Order: 23071810
Client Project: COF-23Q3
Report Date: 21-Nov-23

STANDARD METHODS 2510 B FIELD

Batch R335486 **SampType:** LCS Units **µS/cm**
SampID: LCS 1-3

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Spec. Conductance, Field	*	0		**1470**	1412	0	104.4	90	110	08/09/2023

Batch R335486 **SampType:** LCS Units **µS/cm**
SampID: LCS 2-3

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Spec. Conductance, Field	*	0		**1410**	1412	0	100.1	90	110	08/10/2023

Batch R335486 **SampType:** LCS Units **µS/cm**
SampID: LCS 3-3

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Spec. Conductance, Field	*	0		**1470**	1412	0	104.1	90	110	08/11/2023

Batch R335486 **SampType:** LCS Units **µS/cm**
SampID: LCS-2

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Spec. Conductance, Field	*	0		**1420**	1412	0	100.7	90	110	08/09/2023

Batch R335486 **SampType:** LCS Units **µS/cm**
SampID: LCS-3

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Spec. Conductance, Field	*	0		**1420**	1412	0	100.6	90	110	08/10/2023

Batch R335486 **SampType:** LCS Units **µS/cm**
SampID: LCS-4

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Spec. Conductance, Field	*	0		**1420**	1412	0	100.8	90	110	08/14/2023

Batch R335486 **SampType:** LCS Units **µS/cm**
SampID: LCS-5

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Spec. Conductance, Field	*	0		**1410**	1412	0	100.1	90	110	08/14/2023

Batch R335486 **SampType:** LCS Units **µS/cm**
SampID: LCS-6

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Spec. Conductance, Field	*	0		**1420**	1412	0	100.5	90	110	08/15/2023

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll
Work Order: 23071810
Client Project: COF-23Q3
Report Date: 21-Nov-23

SW-846 9040B FIELD

Batch R335486 **SampType:** LCS Units
SampID: LCS 1 -3

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	08/09/2023

Batch R335486 **SampType:** LCS Units
SampID: LCS 2-3

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
pH	*	1.00		**7.01**	7.000	0	100.1	98.57	101.4	08/10/2023

Batch R335486 **SampType:** LCS Units
SampID: LCS 3-3

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	08/11/2023

Batch R335486 **SampType:** LCS Units
SampID: LCS2

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	08/09/2023

Batch R335486 **SampType:** LCS Units
SampID: LCS3

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	08/10/2023

Batch R335486 **SampType:** LCS Units
SampID: LCS4

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	08/14/2023

Batch R335486 **SampType:** LCS Units
SampID: LCS5

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
pH	*	1.00		**7.04**	7.000	0	100.6	98.57	101.4	08/14/2023

Batch R335486 **SampType:** LCS Units
SampID: LCS6

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	08/15/2023

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Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 23071810
Client Project: COF-23Q3
Report Date: 21-Nov-23

STANDARD METHODS 2540 C (TOTAL) 1997, 2011

Batch R334965 **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	08/12/2023

Batch R334965 **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		**914**	1000	0	91.4	90	110	08/12/2023

Batch R334965 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 23071810-011ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		20		**444**				448.0	0.90	08/12/2023

Batch R335033 **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	08/14/2023

Batch R335033 **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	08/14/2023

Batch R335033 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 23071810-102ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		20		**432**				446.0	3.19	08/14/2023

Batch R335101 **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	08/15/2023
Total Dissolved Solids		20	S	**20**	16.00	0	125.0	-100	100	08/15/2023

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll **Work Order:** 23071810

Client Project: COF-23Q3 **Report Date:** 21-Nov-23

STANDARD METHODS 2540 C (TOTAL) 1997, 2011

Batch R335101 **SampType:** LCS Units **mg/L**
SampID: LCS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Total Dissolved Solids		20		**930**	1000	0	93.0	90	110	08/15/2023
Total Dissolved Solids		20	B	**934**	1000	0	93.4	90	110	08/15/2023

Batch R335101 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 23071810-064ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		50		**1100**				1080	1.38	08/15/2023

Batch R335101 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 23071810-082ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		20		**758**				752.0	0.79	08/15/2023

Batch R335171 **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	08/16/2023
Total Dissolved Solids		20		**< 20**	16.00	0	0	-100	100	08/16/2023

Batch R335171 **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	08/16/2023
Total Dissolved Solids		20		**984**	1000	0	98.4	90	110	08/16/2023

Batch R335171 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 23071810-039ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		20		**452**				426.0	5.92	08/16/2023

Batch R335171 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 23071810-054ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		20		**1610**				1642	2.09	08/16/2023

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Quality Control Results

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Client: Ramboll **Work Order:** 23071810

Client Project: COF-23Q3 **Report Date:** 21-Nov-23

STANDARD METHODS 2540 C (TOTAL) 1997, 2011

Batch R335221 **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	08/17/2023

Batch R335221 **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	08/17/2023

Batch R335221 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 23071810-094ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		100		**11500**				11590	0.78	08/17/2023

Batch R335221 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 23071810-103ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		200		**17400**				17840	2.73	08/17/2023

STANDARD METHODS 4500-NH3 G (DISSOLVED) 1997, 2011

Batch R334884 **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	08/11/2023

Batch R334884 **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		**1.03**	1.000	0	102.6	90	110	08/11/2023

Batch R334884 **SampType:** MS Units **mg/L**
SampID: 23071810-002GMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Ammonia (as N)		0.10		**1.91**	2.000	0	95.3	90	110	08/11/2023

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll
Work Order: 23071810
Client Project: COF-23Q3
Report Date: 21-Nov-23

STANDARD METHODS 4500-NH3 G (DISSOLVED) 1997, 2011

Batch R334884 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 23071810-002GMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Ammonia (as N)		0.10		**1.93**	2.000	0	96.6	1.906	1.41	08/11/2023

Batch R334884 **SampType:** MS Units **mg/L**
SampID: 23071810-010EMS

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	94.2	90	110	08/11/2023

Batch R334884 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 23071810-010EMSD

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	1.885	0.32	08/11/2023

Batch R334884 **SampType:** MS Units **mg/L**
SampID: 23071810-101FMS

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	0.02700	93.7	90	110	08/11/2023

Batch R334884 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 23071810-101FMSD

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	0.02700	94.4	1.901	0.73	08/11/2023

Batch R334951 **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	08/14/2023

Batch R334951 **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		**0.98**	1.000	0	98.4	90	110	08/14/2023

Batch R334951 **SampType:** MS Units **mg/L**
SampID: 23071810-004GMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Ammonia (as N)		0.10	S	**2.56**	2.000	0.7670	89.6	90	110	08/14/2023

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Quality Control Results

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Client: Ramboll
Work Order: 23071810
Client Project: COF-23Q3
Report Date: 21-Nov-23

STANDARD METHODS 4500-NH3 G (DISSOLVED) 1997, 2011

Batch R334951 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 23071810-004GMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Ammonia (as N)		0.10		**2.58**	2.000	0.7670	90.6	2.560	0.74	08/14/2023

Batch R334951 **SampType:** MS Units **mg/L**
SampID: 23071810-095GMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Ammonia (as N)		0.10		**1.82**	2.000	0	91.2	90	110	08/14/2023

Batch R334951 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 23071810-095GMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Ammonia (as N)		0.10		**1.81**	2.000	0	90.7	1.825	0.60	08/14/2023

Batch R335087 **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	08/16/2023

Batch R335087 **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	08/16/2023

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

Batch R334890 **SampType:** MS Units **mg/L**
SampID: 23071810-001BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.50**	0.5000	0	99.2	85	115	08/10/2023

Batch R334890 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 23071810-001BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.50**	0.5000	0	99.0	0.4960	0.20	08/10/2023

Teklab, Inc.
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Quality Control Results

Client: Ramboll
Work Order: 23071810
Client Project: COF-23Q3
Report Date: 21-Nov-23

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

Batch R334890 **SampType:** MS Units **mg/L**
SampID: 23071810-009BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.49**	0.5000	0	98.4	85	115	08/10/2023

Batch R334890 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 23071810-009BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.50**	0.5000	0	100.6	0.4920	2.21	08/10/2023

Batch R334890 **SampType:** MS Units **mg/L**
SampID: 23071810-011BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.50**	0.5000	0	100.4	85	115	08/10/2023

Batch R334890 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 23071810-011BMSD

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	0.5020	0.60	08/10/2023

Batch R334890 **SampType:** MS Units **mg/L**
SampID: 23071810-013BMS

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	94.0	85	115	08/10/2023

Batch R334890 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 23071810-013BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.50**	0.5000	0	99.0	0.4700	5.18	08/10/2023

Batch R334890 **SampType:** MS Units **mg/L**
SampID: 23071810-018BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.49**	0.5000	0	98.2	85	115	08/10/2023

Batch R334890 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 23071810-018BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.50**	0.5000	0	100.4	0.4910	2.22	08/10/2023

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 23071810

Client Project: COF-23Q3 **Report Date:** 21-Nov-23

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

Batch R334890 **SampType:** MS Units **mg/L**
SampID: 23071810-060BMS

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	98.8	85	115	08/10/2023

Batch R334890 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 23071810-060BMSD

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	0.4940	1.01	08/10/2023

Batch R334911 **SampType:** MS Units **mg/L**
SampID: 23071810-005BMS

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	94.8	85	115	08/11/2023

Batch R334911 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 23071810-005BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.48**	0.5000	0	95.2	0.4740	0.42	08/11/2023

Batch R334911 **SampType:** MS Units **mg/L**
SampID: 23071810-061BMS

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	94.8	85	115	08/11/2023

Batch R334911 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 23071810-061BMSD

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	94.4	0.4740	0.42	08/11/2023

Batch R334911 **SampType:** MS Units **mg/L**
SampID: 23071810-081BMS

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	08/11/2023

Batch R334911 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 23071810-081BMSD

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	94.6	0.4790	1.26	08/11/2023

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 23071810

Client Project: COF-23Q3 **Report Date:** 21-Nov-23

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

Batch R334911 **SampType:** MS Units **mg/L**
SampID: 23071810-095BMS

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	08/11/2023

Batch R334911 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 23071810-095BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.48**	0.5000	0	95.2	0.4730	0.63	08/11/2023

Batch R335044 **SampType:** MS Units **mg/L**
SampID: 23071810-051BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.48**	0.5000	0	96.4	85	115	08/15/2023

Batch R335044 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 23071810-051BMSD

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	97.8	0.4820	1.44	08/15/2023

Batch R335044 **SampType:** MS Units **mg/L**
SampID: 23071810-052BMS

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	102.6	85	115	08/15/2023

Batch R335044 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 23071810-052BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.51**	0.5000	0	101.8	0.5130	0.78	08/15/2023

Batch R335044 **SampType:** MS Units **mg/L**
SampID: 23071810-110BMS

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	08/15/2023

Batch R335044 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 23071810-110BMSD

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	98.0	0.4890	0.20	08/15/2023

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Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 23071810
Client Project: COF-23Q3
Report Date: 21-Nov-23

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

Batch R334890 **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	08/10/2023

Batch R334890 **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)		0.25		**1.24**	1.250	0	98.8	90	110	08/10/2023

Batch R334911 **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	08/11/2023

Batch R334911 **SampType:** MBLK Units **mg/Kg**
SampID: MB-R334911

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		0.50		**< 0.50**	0.0250	0	0	-100	100	08/11/2023

Batch R334911 **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)		0.25		**1.24**	1.250	0	99.2	90	110	08/11/2023

Batch R334911 **SampType:** LCS Units **mg/Kg**
SampID: LCS-R334911

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		2.50	J	**1.2**	1.250	0	99.2	90	110	08/11/2023

Batch R334911 **SampType:** MS Units **mg/L**
SampID: 23071810-033AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.46**	0.5000	0	91.4	85	115	08/11/2023

Batch R334911 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 23071810-033AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.50**	0.5000	0	99.0	0.4570	7.98	08/11/2023

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Quality Control Results

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Client: Ramboll
Work Order: 23071810
Client Project: COF-23Q3
Report Date: 21-Nov-23

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

Batch R334911 **SampType:** MS Units **mg/L**
SampID: 23071810-083AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.50**	0.5000	0	101.0	85	115	08/11/2023

Batch R334911 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 23071810-083AMSD

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	101.0	0.5050	0.00	08/11/2023

Batch R335044 **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	08/15/2023

Batch R335044 **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)		0.25		**1.19**	1.250	0	95.2	90	110	08/15/2023

Batch R335044 **SampType:** MS Units **mg/L**
SampID: 23071810-039AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.50**	0.5000	0	99.8	85	115	08/15/2023

Batch R335044 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 23071810-039AMSD

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	99.2	0.4990	0.60	08/15/2023

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

Batch R334857 **SampType:** MS Units **mg/L**
SampID: 23071810-009BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		**0.249**	0.2500	0	99.6	85	115	08/10/2023

Teklab, Inc.
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Client: Ramboll
Work Order: 23071810
Client Project: COF-23Q3
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Batch R334857 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 23071810-009BMSD

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	0.2490	0.40	08/10/2023

Batch R334857 **SampType:** MS Units **mg/L**
SampID: 23071810-016BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050	E	**1.03**	0.2500	0.7610	105.6	85	115	08/10/2023

Batch R334857 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 23071810-016BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050	E	**1.02**	0.2500	0.7610	104.0	1.025	0.39	08/10/2023

Batch R334857 **SampType:** MS Units **mg/L**
SampID: 23071810-102BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		**0.254**	0.2500	0	101.6	85	115	08/10/2023

Batch R334857 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 23071810-102BMSD

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	0.2540	1.59	08/10/2023

Batch R334934 **SampType:** MS Units **mg/L**
SampID: 23071810-004BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		**0.275**	0.2500	0.02600	99.6	85	115	08/11/2023

Batch R334934 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 23071810-004BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		**0.272**	0.2500	0.02600	98.4	0.2750	1.10	08/11/2023

Batch R334934 **SampType:** MS Units **mg/L**
SampID: 23071810-023BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		**0.802**	0.2500	0.5370	106.0	85	115	08/11/2023

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Client: Ramboll
Work Order: 23071810
Client Project: COF-23Q3
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Batch R334934 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 23071810-023BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		**0.796**	0.2500	0.5370	103.6	0.8020	0.75	08/11/2023

Batch R334934 **SampType:** MS Units **mg/L**
SampID: 23071810-072BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		**0.254**	0.2500	0	101.6	85	115	08/11/2023

Batch R334934 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 23071810-072BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		**0.251**	0.2500	0	100.4	0.2540	1.19	08/11/2023

Batch R334934 **SampType:** MS Units **mg/L**
SampID: 23071810-075BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050	S	**0.227**	0.2500	0.04900	71.2	85	115	08/11/2023

Batch R334934 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 23071810-075BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050	S	**0.233**	0.2500	0.04900	73.6	0.2270	2.61	08/11/2023

Batch R335048 **SampType:** MS Units **mg/L**
SampID: 23071810-025BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		**0.546**	0.2500	0.3060	96.0	85	115	08/15/2023

Batch R335048 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 23071810-025BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		**0.540**	0.2500	0.3060	93.6	0.5460	1.10	08/15/2023

Batch R335128 **SampType:** MS Units **mg/L**
SampID: 23071810-050BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.500		**7.13**	2.500	4.650	99.2	85	115	08/16/2023

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Client: Ramboll
Work Order: 23071810
Client Project: COF-23Q3
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Batch R335128 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 23071810-050BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.500		**6.99**	2.500	4.650	93.7	7.131	1.97	08/16/2023

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

Batch R334857 **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**						08/10/2023
Nitrogen, Nitrate-Nitrite (as N)		0.050		**< 0.050**	0.0090	0	0	-100	100	08/10/2023

Batch R334857 **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		**0.525**	0.5000	0	105.0	90	110	08/10/2023

Batch R334857 **SampType:** MS Units **mg/L**
SampID: 23071810-060AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		**0.297**	0.2500	0.04100	102.4	85	115	08/10/2023

Batch R334857 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 23071810-060AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		**0.294**	0.2500	0.04100	101.2	0.2970	1.02	08/10/2023

Batch R334857 **SampType:** MS Units **mg/L**
SampID: 23071810-070AMS

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	0.01100	99.6	85	115	08/10/2023

Batch R334857 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 23071810-070AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		**0.257**	0.2500	0.01100	98.4	0.2600	1.16	08/10/2023

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Batch R334857 **SampType:** MS Units **mg/L**
SampID: 23071810-073AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		**0.255**	0.2500	0.01100	97.6	85	115	08/10/2023

Batch R334857 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 23071810-073AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		**0.257**	0.2500	0.01100	98.4	0.2550	0.78	08/10/2023

Batch R334934 **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**						08/11/2023
Nitrogen, Nitrate-Nitrite (as N)		0.050		**< 0.050**	0.0090	0	0	-100	100	08/11/2023

Batch R334934 **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		**0.495**	0.5000	0	99.0	90	110	08/11/2023

Batch R334934 **SampType:** MS Units **mg/L**
SampID: 23071810-038AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		**0.259**	0.2500	0.009000	100.0	85	115	08/11/2023

Batch R334934 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 23071810-038AMSD

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	0.009000	98.0	0.2590	1.95	08/11/2023

Batch R334934 **SampType:** MS Units **mg/L**
SampID: 23071810-082AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		**0.294**	0.2500	0.04900	98.0	85	115	08/11/2023

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Client: Ramboll **Work Order:** 23071810

Client Project: COF-23Q3 **Report Date:** 21-Nov-23

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Batch R334934 **SampType:** MSD Units **mg/L** RPD Limit **10**

SampID: 23071810-082AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		**0.292**	0.2500	0.04900	97.2	0.2940	0.68	08/11/2023

Batch R334997 **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	08/14/2023

Batch R334997 **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		**0.512**	0.5000	0	102.4	90	110	08/14/2023

Batch R335048 **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**						08/15/2023
Nitrogen, Nitrate-Nitrite (as N)		0.050		**< 0.050**	0.0090	0	0	-100	100	08/15/2023

Batch R335048 **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		**0.504**	0.5000	0	100.8	90	110	08/15/2023

Batch R335048 **SampType:** MS Units **mg/L**

SampID: 23071810-029AMS

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	0.01200	94.4	85	115	08/15/2023

Batch R335048 **SampType:** MSD Units **mg/L** RPD Limit **10**

SampID: 23071810-029AMSD

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	0.01200	94.8	0.2480	0.40	08/15/2023

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Client: Ramboll **Work Order:** 23071810

Client Project: COF-23Q3 **Report Date:** 21-Nov-23

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Batch R335128 **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**						08/16/2023
Nitrogen, Nitrate-Nitrite (as N)		0.050		**< 0.050**	0.0090	0	0	-100	100	08/16/2023

Batch R335128 **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		**0.501**	0.5000	0	100.2	90	110	08/16/2023

STANDARD METHODS 4500-P E (DISSOLVED) 1999, 2011

Batch R334877 **SampType:** MS Units **mg/L**
SampID: 23071810-032BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Phosphorus, Orthophosphate (as P)		0.010		**0.060**	0.0500	0.01100	98.0	85	115	08/11/2023

Batch R334877 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 23071810-032BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Phosphorus, Orthophosphate (as P)		0.010		**0.065**	0.0500	0.01100	108.0	0.06000	8.00	08/11/2023

Batch R334877 **SampType:** MS Units **mg/L**
SampID: 23071810-038BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Phosphorus, Orthophosphate (as P)		0.010		**0.064**	0.0500	0.007000	114.0	85	115	08/11/2023

Batch R334877 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 23071810-038BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Phosphorus, Orthophosphate (as P)		0.010		**0.064**	0.0500	0.007000	114.0	0.06400	0.00	08/11/2023

Batch R334877 **SampType:** MS Units **mg/L**
SampID: 23071810-065BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Phosphorus, Orthophosphate (as P)		0.010		**0.060**	0.0500	0.007000	106.0	85	115	08/11/2023

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Client: Ramboll **Work Order:** 23071810

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Batch R334877 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 23071810-065BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Phosphorus, Orthophosphate (as P)		0.010		**0.062**	0.0500	0.007000	110.0	0.06000	3.28	08/11/2023

Batch R334877 **SampType:** MS Units **mg/L**
SampID: 23071810-080BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Phosphorus, Orthophosphate (as P)		0.010		**0.062**	0.0500	0.01400	96.0	85	115	08/11/2023

Batch R334877 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 23071810-080BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Phosphorus, Orthophosphate (as P)		0.010		**0.065**	0.0500	0.01400	102.0	0.06200	4.72	08/11/2023

Batch R334877 **SampType:** MS Units **mg/L**
SampID: 23071810-081BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Phosphorus, Orthophosphate (as P)		0.010		**0.051**	0.0500	0	102.0	85	115	08/11/2023

Batch R334877 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 23071810-081BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Phosphorus, Orthophosphate (as P)		0.010		**0.051**	0.0500	0	102.0	0.05100	0.00	08/11/2023

Batch R334938 **SampType:** MS Units **mg/L**
SampID: 23071810-067BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Phosphorus, Orthophosphate (as P)		0.010		**0.057**	0.0500	0.006000	102.0	85	115	08/10/2023

Batch R334938 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 23071810-067BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Phosphorus, Orthophosphate (as P)		0.010		**0.058**	0.0500	0.006000	104.0	0.05700	1.74	08/10/2023

Batch R334938 **SampType:** MS Units **mg/L**
SampID: 23071810-071BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Phosphorus, Orthophosphate (as P)		0.010		**0.050**	0.0500	0	100.0	85	115	08/10/2023

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Client: Ramboll
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Client Project: COF-23Q3
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Batch R334938 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 23071810-071BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Phosphorus, Orthophosphate (as P)		0.010		**0.049**	0.0500	0	98.0	0.05000	2.02	08/10/2023

Batch R334938 **SampType:** MS Units **mg/L**
SampID: 23071810-111BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Phosphorus, Orthophosphate (as P)		0.010		**0.055**	0.0500	0	110.0	85	115	08/10/2023

Batch R334938 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 23071810-111BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Phosphorus, Orthophosphate (as P)		0.010		**0.055**	0.0500	0	110.0	0.05500	0.00	08/10/2023

Batch R335029 **SampType:** MS Units **mg/L**
SampID: 23071810-029BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Phosphorus, Orthophosphate (as P)		0.010		**0.070**	0.0500	0.01800	104.0	85	115	08/15/2023

Batch R335029 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 23071810-029BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Phosphorus, Orthophosphate (as P)		0.010		**0.072**	0.0500	0.01800	108.0	0.07000	2.82	08/15/2023

Batch R335029 **SampType:** MS Units **mg/L**
SampID: 23071810-042BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Phosphorus, Orthophosphate (as P)		0.010		**0.054**	0.0500	0	108.0	85	115	08/15/2023

Batch R335029 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 23071810-042BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Phosphorus, Orthophosphate (as P)		0.010		**0.052**	0.0500	0	104.0	0.05400	3.77	08/15/2023

Batch R335029 **SampType:** MS Units **mg/L**
SampID: 23071810-051BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Phosphorus, Orthophosphate (as P)		0.010		**0.056**	0.0500	0.01100	90.0	85	115	08/15/2023

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 23071810
Client Project: COF-23Q3
Report Date: 21-Nov-23

STANDARD METHODS 4500-P E (DISSOLVED) 1999, 2011

Batch R335029 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 23071810-051BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Phosphorus, Orthophosphate (as P)		0.010		**0.056**	0.0500	0.01100	90.0	0.05600	0.00	08/15/2023

Batch R335135 **SampType:** MS Units **mg/L**
SampID: 23071810-054BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Phosphorus, Orthophosphate (as P)		0.010		**0.049**	0.0500	0	98.0	85	115	08/16/2023

Batch R335135 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 23071810-054BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Phosphorus, Orthophosphate (as P)		0.010		**0.050**	0.0500	0	100.0	0.04900	2.02	08/16/2023

Batch R335135 **SampType:** MS Units **mg/L**
SampID: 23071810-103BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Phosphorus, Orthophosphate (as P)		0.010		**0.055**	0.0500	0	110.0	85	115	08/16/2023

Batch R335135 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 23071810-103BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Phosphorus, Orthophosphate (as P)		0.010		**0.051**	0.0500	0	102.0	0.05500	7.55	08/16/2023

STANDARD METHODS 4500-P E 1999, 2011

Batch R334877 **SampType:** MBLK Units **mg/L**
SampID: MBLK

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Phosphorus, Orthophosphate (as P)		0.010		**< 0.010**	0.0020	0	0	-100	100	08/11/2023

Batch R334877 **SampType:** LCS Units **mg/L**
SampID: LCS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Phosphorus, Orthophosphate (as P)		0.010		**0.105**	0.1000	0	105.0	90	110	08/11/2023

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 23071810
Client Project: COF-23Q3
Report Date: 21-Nov-23

STANDARD METHODS 4500-P E 1999, 2011

Batch R334938 **SampType:** MBLK Units **mg/L**
SampID: MBLK

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Phosphorus, Orthophosphate (as P)		0.010		**< 0.010**	0.0020	0	0	-100	100	08/10/2023

Batch R334938 **SampType:** LCS Units **mg/L**
SampID: LCS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Phosphorus, Orthophosphate (as P)		0.010		**0.099**	0.1000	0	99.0	90	110	08/10/2023

Batch R335029 **SampType:** MBLK Units **mg/L**
SampID: MBLK

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Phosphorus, Orthophosphate (as P)		0.010		**< 0.010**	0.0020	0	0	-100	100	08/15/2023

Batch R335029 **SampType:** LCS Units **mg/L**
SampID: LCS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Phosphorus, Orthophosphate (as P)		0.010		**0.105**	0.1000	0	105.0	90	110	08/15/2023

Batch R335135 **SampType:** MBLK Units **mg/L**
SampID: MBLK

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Phosphorus, Orthophosphate (as P)		0.010		**< 0.010**	0.0020	0	0	-100	100	08/16/2023

Batch R335135 **SampType:** LCS Units **mg/L**
SampID: LCS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Phosphorus, Orthophosphate (as P)		0.010		**0.108**	0.1000	0	108.0	90	110	08/16/2023

SW-846 9012A (TOTAL)

Batch 210749 **SampType:** MBLK Units **mg/L**
SampID: MBLK 230811 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	08/14/2023

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 23071810
Client Project: COF-23Q3
Report Date: 21-Nov-23

SW-846 9012A (TOTAL)

Batch 210749 **SampType:** LCS Units **mg/L**
SampID: LCS 230811 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	107.8	90	110	08/14/2023

Batch 210749 **SampType:** MS Units **mg/L**
SampID: 23071810-002EMS

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	75	125	08/14/2023

Batch 210749 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 23071810-002EMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Cyanide		0.005		**0.025**	0.0250	0	100.2	0.02613	4.26	08/14/2023

Batch 210822 **SampType:** MBLK Units **mg/L**
SampID: MBLK 230814 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	08/15/2023

Batch 210822 **SampType:** LCS Units **mg/L**
SampID: LCS 230814 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	105.1	90	110	08/15/2023

Batch 210822 **SampType:** MS Units **mg/L**
SampID: 23071810-004EMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Cyanide		0.005		**0.026**	0.0250	0	105.5	75	125	08/15/2023

Batch 210822 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 23071810-004EMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Cyanide		0.005		**0.026**	0.0250	0	102.5	0.02636	2.83	08/15/2023

Batch 210824 **SampType:** MBLK Units **mg/L**
SampID: MBLK 230814 TCN3

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	08/15/2023

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 23071810
Client Project: COF-23Q3
Report Date: 21-Nov-23

SW-846 9012A (TOTAL)

Batch 210824 **SampType:** LCS Units **mg/L**
SampID: LCS 230814 TCN3

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Cyanide		0.005		**0.026**	0.0250	0	103.6	85	115	08/15/2023

Batch 210824 **SampType:** MS Units **mg/L**
SampID: 23071810-020DMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Cyanide		0.005		**0.028**	0.0250	0	111.3	75	125	08/15/2023

Batch 210824 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 23071810-020DMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Cyanide		0.005		**0.028**	0.0250	0	110.8	0.02782	0.43	08/15/2023

Batch 210912 **SampType:** MBLK Units **mg/L**
SampID: MBLK 230815 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	08/16/2023

Batch 210912 **SampType:** LCS Units **mg/L**
SampID: LCS 230815 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	104.5	90	110	08/16/2023

Batch 210912 **SampType:** MS Units **mg/L**
SampID: 23071810-036EMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Cyanide		0.005	S	**0.017**	0.0250	0	69.9	75	125	08/16/2023

Batch 210912 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 23071810-036EMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Cyanide		0.005	R	**0.024**	0.0250	0	95.2	0.01747	30.72	08/16/2023

Batch 210912 **SampType:** MS Units **mg/L**
SampID: 23071810-042EMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Cyanide		0.005		**0.028**	0.0250	0.001480	106.1	75	125	08/16/2023

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll
Work Order: 23071810
Client Project: COF-23Q3
Report Date: 21-Nov-23

SW-846 9012A (TOTAL)

Batch 210912 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 23071810-042EMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Cyanide		0.005		**0.028**	0.0250	0.001480	106.3	0.02800	0.17	08/16/2023

Batch 210913 **SampType:** MBLK Units **mg/L**
SampID: MBLK 230815 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	08/16/2023

Batch 210913 **SampType:** LCS Units **mg/L**
SampID: LCS 230815 TCN2

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Cyanide		0.005		**0.026**	0.0250	0	104.1	90	110	08/16/2023

Batch 210913 **SampType:** MS Units **mg/L**
SampID: 23071810-051EMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Cyanide		0.005		**0.028**	0.0250	0	113.0	75	125	08/16/2023

Batch 210913 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 23071810-051EMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Cyanide		0.005	R	**0.023**	0.0250	0	93.8	0.02824	18.51	08/16/2023

Batch 210913 **SampType:** MS Units **mg/L**
SampID: 23071810-079EMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Cyanide		0.005		**0.027**	0.0250	0	109.8	75	125	08/16/2023

Batch 210913 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 23071810-079EMSD

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	0.02744	10.99	08/16/2023

Batch 210967 **SampType:** MBLK Units **mg/L**
SampID: MBLK 230816 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	08/17/2023

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 23071810
Client Project: COF-23Q3
Report Date: 21-Nov-23

SW-846 9012A (TOTAL)

Batch 210967 **SampType:** LCS Units **mg/L**
SampID: LCS 230816 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	104.4	90	110	08/17/2023

Batch 210967 **SampType:** MS Units **mg/L**
SampID: 23071810-078EMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Cyanide		0.005		**0.022**	0.0250	0	86.6	75	125	08/17/2023

Batch 210967 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 23071810-078EMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Cyanide		0.005	R	**0.025**	0.0250	0	101.1	0.02164	15.46	08/17/2023

Batch 210967 **SampType:** MS Units **mg/L**
SampID: 23071810-083EMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Cyanide		0.005		**0.027**	0.0250	0	108.1	75	125	08/17/2023

Batch 210967 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 23071810-083EMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Cyanide		0.005		**0.027**	0.0250	0	108.6	0.02704	0.46	08/17/2023

SW-846 9036 (DISSOLVED)

Batch R335217 **SampType:** MS Units **mg/L**
SampID: 23071810-001BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		100	S	**285**	200.0	124.3	80.5	85	115	08/18/2023

Batch R335217 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 23071810-001BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		100	S	**282**	200.0	124.3	79.1	285.2	0.95	08/18/2023

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll
Work Order: 23071810
Client Project: COF-23Q3
Report Date: 21-Nov-23

SW-846 9036 (DISSOLVED)

Batch R335452 **SampType:** MS Units **mg/L**
SampID: 23071810-007BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		20	E	**106**	40.00	69.98	90.7	85	115	08/23/2023

Batch R335452 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 23071810-007BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		20	E	**108**	40.00	69.98	94.5	106.3	1.41	08/23/2023

Batch R335452 **SampType:** MS Units **mg/L**
SampID: 23071810-015BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		100		**323**	200.0	126.0	98.4	85	115	08/23/2023

Batch R335452 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 23071810-015BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		100		**315**	200.0	126.0	94.7	322.9	2.33	08/23/2023

Batch R335452 **SampType:** MS Units **mg/L**
SampID: 23071810-022BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		20	E	**109**	40.00	74.41	86.9	85	115	08/23/2023

Batch R335452 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 23071810-022BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		20	E	**110**	40.00	74.41	88.2	109.2	0.48	08/23/2023

Batch R335452 **SampType:** MS Units **mg/L**
SampID: 23071810-037BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		200		**783**	400.0	400.3	95.6	85	115	08/23/2023

Batch R335452 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 23071810-037BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		200		**752**	400.0	400.3	87.9	782.9	4.03	08/23/2023

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll
Work Order: 23071810
Client Project: COF-23Q3
Report Date: 21-Nov-23

SW-846 9036 (DISSOLVED)

Batch R335452 **SampType:** MS Units **mg/L**
SampID: 23071810-053BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		100		**435**	200.0	252.1	91.4	85	115	08/23/2023

Batch R335452 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 23071810-053BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		100		**446**	200.0	252.1	96.8	434.8	2.44	08/23/2023

Batch R335683 **SampType:** MS Units **mg/L**
SampID: 23071810-069BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		200	E	**1060**	400.0	686.8	92.4	85	115	08/29/2023

Batch R335683 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 23071810-069BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		200	E	**1070**	400.0	686.8	95.8	1056	1.29	08/29/2023

Batch R335683 **SampType:** MS Units **mg/L**
SampID: 23071810-101BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		50		**177**	100.0	90.46	86.0	85	115	08/29/2023

Batch R335683 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 23071810-101BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		50	S	**175**	100.0	90.46	84.4	176.5	0.96	08/29/2023

Batch R335764 **SampType:** MS Units **mg/L**
SampID: 23071810-062BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		100	S	**302**	200.0	139.0	81.7	85	115	08/30/2023

Batch R335764 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 23071810-062BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		100	S	**305**	200.0	139.0	83.0	302.4	0.84	08/30/2023

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll
Work Order: 23071810
Client Project: COF-23Q3
Report Date: 21-Nov-23

SW-846 9036 (DISSOLVED)

Batch R335764 **SampType:** MS Units **mg/L**
SampID: 23071810-094BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		2000	E	**12000**	4000	8358	90.3	85	115	08/30/2023

Batch R335764 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 23071810-094BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		2000	E	**12100**	4000	8358	94.1	11970	1.27	08/30/2023

SW-846 9036 (TOTAL)

Batch R335217 **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	08/17/2023

Batch R335217 **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	99.6	90	110	08/17/2023

Batch R335341 **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	08/21/2023

Batch R335341 **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	98.0	90	110	08/21/2023

Batch R335452 **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	08/23/2023

Teklab, Inc.
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Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 23071810
Client Project: COF-23Q3
Report Date: 21-Nov-23

SW-846 9036 (TOTAL)

Batch R335452 **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	95.9	90	110	08/23/2023

Batch R335683 **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	08/29/2023

Batch R335683 **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	95.0	90	110	08/29/2023

Batch R335683 **SampType:** MS Units **mg/L**
SampID: 23071810-002AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		100		**299**	200.0	125.8	86.5	85	115	08/29/2023

Batch R335683 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 23071810-002AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		100		**297**	200.0	125.8	85.4	298.9	0.72	08/29/2023

Batch R335683 **SampType:** MS Units **mg/L**
SampID: 23071810-017AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		100	S	**258**	200.0	102.8	77.4	85	115	08/29/2023

Batch R335683 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 23071810-017AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		100	S	**253**	200.0	102.8	75.2	257.7	1.73	08/29/2023

Batch R335764 **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	08/30/2023

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Client: Ramboll
Work Order: 23071810
Client Project: COF-23Q3
Report Date: 21-Nov-23

SW-846 9036 (TOTAL)

Batch R335764 **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	96.6	90	110	08/30/2023

Batch R335764 **SampType:** MS Units **mg/L**
SampID: 23071810-031AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		20	E	**112**	40.00	77.15	86.9	85	115	08/30/2023

Batch R335764 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 23071810-031AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		20	E	**115**	40.00	77.15	94.6	111.9	2.74	08/30/2023

Batch R335764 **SampType:** MS Units **mg/L**
SampID: 23071810-043AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		100		**465**	200.0	286.4	89.5	85	115	08/30/2023

Batch R335764 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 23071810-043AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		100		**471**	200.0	286.4	92.2	465.4	1.15	08/30/2023

Batch R335764 **SampType:** MS Units **mg/L**
SampID: 23071810-101AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		50	S	**172**	100.0	87.16	84.7	85	115	08/30/2023

Batch R335764 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 23071810-101AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		50		**183**	100.0	87.16	96.0	171.9	6.37	08/30/2023

Batch R335914 **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	09/01/2023

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Client: Ramboll
Work Order: 23071810
Client Project: COF-23Q3
Report Date: 21-Nov-23

SW-846 9036 (TOTAL)

Batch R335914 **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	98.7	90	110	09/01/2023

Batch R336010 **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	09/06/2023

Batch R336010 **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	97.0	90	110	09/06/2023

Batch R336163 **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	09/08/2023

Batch R336163 **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	09/08/2023

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Batch R335646 **SampType:** MBLK Units **mg/L**
SampID: FILTER MBLK

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Dissolved Organic Carbon		1.0		**< 1.0**	0.4500	0	0	-100	100	08/28/2023

Batch R335646 **SampType:** MBLK Units **mg/L**
SampID: MB-R335646

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Dissolved Organic Carbon		1.0		**< 1.0**	0.4500	0	0	-100	100	08/28/2023

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Client: Ramboll
Work Order: 23071810
Client Project: COF-23Q3
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Batch R335646 **SampType:** LCS Units **mg/L**
SampID: LCS-R335646

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Dissolved Organic Carbon		1.0		**4.7**	5.000	0	93.8	90	110	08/28/2023

Batch R335646 **SampType:** MS Units **mg/L**
SampID: 23071810-025GMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Dissolved Organic Carbon		1.0	S	**4.9**	5.000	1.350	71.2	85	115	08/28/2023

Batch R335646 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 23071810-025GMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Dissolved Organic Carbon		1.0	S	**5.4**	5.000	1.350	80.6	4.910	9.14	08/28/2023

Batch R335646 **SampType:** MS Units **mg/L**
SampID: 23071810-037GMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Dissolved Organic Carbon		1.0		**5.2**	5.000	0.8400	86.6	85	115	08/28/2023

Batch R335646 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 23071810-037GMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Dissolved Organic Carbon		1.0	S	**4.9**	5.000	0.8400	81.4	5.170	5.16	08/28/2023

Batch R335646 **SampType:** MS Units **mg/L**
SampID: 23071810-060FMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Dissolved Organic Carbon		1.0		**6.4**	5.000	1.840	90.2	85	115	08/29/2023

Batch R335646 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 23071810-060FMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Dissolved Organic Carbon		1.0		**6.4**	5.000	1.840	92.0	6.350	1.41	08/29/2023

Batch R335851 **SampType:** MBLK Units **mg/L**
SampID: FILTER MBLK

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Dissolved Organic Carbon		1.0		**< 1.0**	0.4500	0	0	-100	100	08/31/2023

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Batch R335851 **SampType:** MBLK Units **mg/L**
SampID: ICB/MBLK

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Total Organic Carbon (TOC)		1.0		**< 1.0**	0.4500	0	0	-100	100	08/31/2023

Batch R335851 **SampType:** LCS Units **mg/L**
SampID: ICV/LCS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Total Organic Carbon (TOC)		1.0		**4.9**	5.000	0	97.8	90	110	08/31/2023

Batch R335851 **SampType:** MS Units **mg/L**
SampID: 23071810-037FMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Total Organic Carbon (TOC)		1.0		**6.0**	5.000	1.210	95.2	85	115	08/31/2023

Batch R335851 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 23071810-037FMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Organic Carbon (TOC)		1.0		**6.2**	5.000	1.210	98.8	5.970	2.97	08/31/2023

Batch R335851 **SampType:** MS Units **mg/L**
SampID: 23071810-065FMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Dissolved Organic Carbon		1.0		**6.0**	5.000	1.330	94.4	85	115	08/31/2023

Batch R335851 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 23071810-065FMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Dissolved Organic Carbon		1.0		**6.2**	5.000	1.330	96.4	6.050	1.64	08/31/2023

Batch R335851 **SampType:** MS Units **mg/L**
SampID: 23071810-073EMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Total Organic Carbon (TOC)		1.0	E	**12.4**	5.000	7.650	94.2	85	115	08/31/2023

Batch R335851 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 23071810-073EMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Organic Carbon (TOC)		1.0	E	**12.4**	5.000	7.650	94.0	12.36	0.08	08/31/2023

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Client: Ramboll
Work Order: 23071810
Client Project: COF-23Q3
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Batch R335851 **SampType:** MS Units **mg/L**
SampID: 23071810-077GMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Dissolved Organic Carbon		1.0		**5.7**	5.000	0.8800	96.6	85	115	08/31/2023

Batch R335851 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 23071810-077GMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Dissolved Organic Carbon		1.0		**5.8**	5.000	0.8800	98.0	5.710	1.22	08/31/2023

Batch R335851 **SampType:** MS Units **mg/L**
SampID: 23071810-078FMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Total Organic Carbon (TOC)		1.0		**7.5**	5.000	2.610	97.6	85	115	09/01/2023

Batch R335851 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 23071810-078FMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Organic Carbon (TOC)		1.0		**7.3**	5.000	2.610	94.6	7.490	2.02	09/01/2023

Batch R335851 **SampType:** MS Units **mg/L**
SampID: 23071810-105FMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Dissolved Organic Carbon		1.0		**6.6**	5.000	1.590	99.6	85	115	08/31/2023

Batch R335851 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 23071810-105FMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Dissolved Organic Carbon		1.0		**6.3**	5.000	1.590	94.4	6.570	4.04	08/31/2023

Batch R335935 **SampType:** MBLK Units **mg/L**
SampID: FILTER MBLK

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Dissolved Organic Carbon		1.0		**< 1.0**	0.4500	0	0	-100	100	09/05/2023

Batch R335935 **SampType:** MBLK Units **mg/L**
SampID: ICB/MBLK

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Total Organic Carbon (TOC)		1.0		**< 1.0**	0.4500	0	0	-100	100	09/05/2023

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Client: Ramboll
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Batch R335935 **SampType:** LCS Units **mg/L**
SampID: ICV/LCS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Total Organic Carbon (TOC)		1.0		**4.5**	5.000	0	90.4	90	110	09/05/2023

Batch R335935 **SampType:** MS Units **mg/L**
SampID: 23071810-052EMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Total Organic Carbon (TOC)		1.0		**6.3**	5.000	1.600	93.2	85	115	09/05/2023

Batch R335935 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 23071810-052EMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Organic Carbon (TOC)		1.0		**5.9**	5.000	1.600	86.2	6.260	5.75	09/05/2023

Batch R336068 **SampType:** MBLK Units **mg/L**
SampID: FILTER MBLK

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Dissolved Organic Carbon		1.0		**< 1.0**	0.4500	0	0	-100	100	09/07/2023

Batch R336068 **SampType:** MBLK Units **mg/L**
SampID: ICB/MBLK

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Total Organic Carbon (TOC)		1.0		**< 1.0**	0.4500	0	0	-100	100	09/07/2023

Batch R336068 **SampType:** LCS Units **mg/L**
SampID: ICV/LCS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Total Organic Carbon (TOC)		1.0		**4.9**	5.000	0	97.8	90	110	09/07/2023

SW-846 9066 (TOTAL)

Batch R335106 **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	08/16/2023

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Client: Ramboll
Work Order: 23071810
Client Project: COF-23Q3
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SW-846 9066 (TOTAL)

Batch R335106 **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		**0.053**	0.0500	0	107.0	90	110	08/16/2023

Batch R335106 **SampType:** MS Units **µg/L**
SampID: 23071810-002FMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Phenols		5		**54**	50.00	0	108.1	85	115	08/16/2023

Batch R335106 **SampType:** MSD Units **µg/L** RPD Limit **15**
SampID: 23071810-002FMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Phenols		5		**54**	50.00	0	108.0	54.07	0.11	08/16/2023

Batch R335106 **SampType:** MS Units **µg/L**
SampID: 23071810-004FMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Phenols		5		**57**	50.00	3.490	106.5	85	115	08/16/2023

Batch R335106 **SampType:** MSD Units **µg/L** RPD Limit **15**
SampID: 23071810-004FMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Phenols		5		**56**	50.00	3.490	104.9	56.76	1.47	08/16/2023

Batch R335286 **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	08/21/2023

Batch R335286 **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		**0.049**	0.0500	0	98.0	90	110	08/21/2023

Batch R335286 **SampType:** MS Units **µg/L**
SampID: 23071810-028FMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Phenols		5	S	**59**	50.00	0	117.2	85	115	08/21/2023

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Batch R335286 **SampType:** MSD Units µg/L RPD Limit 15
SampID: 23071810-028FMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Phenols		5	S	**67**	50.00	0	134.2	58.61	13.51	08/21/2023

Batch R335286 **SampType:** MS Units µg/L
SampID: 23071810-030FMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Phenols		5	S	**86**	50.00	0	172.8	85	115	08/21/2023

Batch R335286 **SampType:** MSD Units µg/L RPD Limit 15
SampID: 23071810-030FMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Phenols		5	R	**49**	50.00	0	97.8	86.41	55.44	08/21/2023

Batch R335407 **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	08/23/2023

Batch R335407 **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	97.0	90	110	08/23/2023

SW-846 9214 (DISSOLVED)

Batch R334963 **SampType:** MS Units mg/L
SampID: 23071810-006BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**2.50**	2.000	0.3860	105.8	75	125	08/14/2023

Batch R334963 **SampType:** MSD Units mg/L RPD Limit 15
SampID: 23071810-006BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**2.44**	2.000	0.3860	102.8	2.502	2.39	08/14/2023

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll
Work Order: 23071810
Client Project: COF-23Q3
Report Date: 21-Nov-23

SW-846 9214 (DISSOLVED)

Batch R334963 **SampType:** MS Units **mg/L**
SampID: 23071810-095BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**2.31**	2.000	0.3320	98.9	75	125	08/14/2023

Batch R334963 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 23071810-095BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**2.29**	2.000	0.3320	97.7	2.310	1.04	08/14/2023

Batch R335028 **SampType:** MS Units **mg/L**
SampID: 23071810-014BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**2.18**	2.000	0.2160	98.0	75	125	08/15/2023

Batch R335028 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 23071810-014BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**2.15**	2.000	0.2160	96.9	2.175	0.97	08/15/2023

Batch R335028 **SampType:** MS Units **mg/L**
SampID: 23071810-108BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**2.12**	2.000	0.2560	93.0	75	125	08/15/2023

Batch R335028 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 23071810-108BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**2.13**	2.000	0.2560	93.6	2.117	0.52	08/15/2023

Batch R335102 **SampType:** MS Units **mg/L**
SampID: 23071810-029BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**2.61**	2.000	0.4790	106.4	75	125	08/16/2023

Batch R335102 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 23071810-029BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**2.57**	2.000	0.4790	104.4	2.607	1.51	08/16/2023

Teklab, Inc.
Environmental Laboratory

Quality Control Results

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Client: Ramboll
Work Order: 23071810
Client Project: COF-23Q3
Report Date: 21-Nov-23

SW-846 9214 (DISSOLVED)

Batch R335102 **SampType:** MS Units **mg/L**
SampID: 23071810-036BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**2.43**	2.000	0.3570	103.8	75	125	08/16/2023

Batch R335102 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 23071810-036BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**2.41**	2.000	0.3570	102.4	2.434	1.16	08/16/2023

Batch R335102 **SampType:** MS Units **mg/L**
SampID: 23071810-042BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**2.38**	2.000	0.3380	102.2	75	125	08/16/2023

Batch R335102 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 23071810-042BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**2.38**	2.000	0.3380	102.0	2.381	0.13	08/16/2023

Batch R335102 **SampType:** MS Units **mg/L**
SampID: 23071810-107BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**1.97**	2.000	0	98.4	75	125	08/16/2023

Batch R335102 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 23071810-107BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**2.00**	2.000	0	100.2	1.968	1.81	08/16/2023

SW-846 9214 (TOTAL)

Batch R334963 **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	08/14/2023

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Quality Control Results

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Client: Ramboll
Work Order: 23071810
Client Project: COF-23Q3
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SW-846 9214 (TOTAL)

Batch R334963 **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	97.0	90	110	08/14/2023

Batch R334963 **SampType:** MS Units **mg/L**
SampID: 23071810-071AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**2.68**	2.000	0.6470	101.6	75	125	08/14/2023

Batch R334963 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 23071810-071AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**2.68**	2.000	0.6470	101.6	2.678	0.04	08/14/2023

Batch R334963 **SampType:** MS Units **mg/L**
SampID: 23071810-105AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**2.92**	2.000	0.5610	118.0	75	125	08/14/2023

Batch R334963 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 23071810-105AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**2.76**	2.000	0.5610	109.8	2.921	5.78	08/14/2023

Batch R335028 **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	08/15/2023

Batch R335028 **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	08/15/2023

Batch R335102 **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	08/16/2023

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Client: Ramboll
Work Order: 23071810
Client Project: COF-23Q3
Report Date: 21-Nov-23

SW-846 9214 (TOTAL)

Batch R335102 **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		**1.00**	1.000	0	99.6	90	110	08/16/2023

Batch R335102 **SampType:** MS Units **mg/L**
SampID: 23071810-034AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**2.45**	2.000	0.3700	104.0	75	125	08/16/2023

Batch R335102 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 23071810-034AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**2.46**	2.000	0.3700	104.8	2.451	0.57	08/16/2023

Batch R335102 **SampType:** MS Units **mg/L**
SampID: 23071810-043AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**2.29**	2.000	0.3240	98.2	75	125	08/16/2023

Batch R335102 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 23071810-043AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**2.32**	2.000	0.3240	99.6	2.289	1.13	08/16/2023

Batch R335102 **SampType:** MS Units **mg/L**
SampID: 23071810-061AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**2.50**	2.000	0.4880	100.8	75	125	08/16/2023

Batch R335102 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 23071810-061AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**2.55**	2.000	0.4880	103.1	2.505	1.78	08/16/2023

Batch R335102 **SampType:** MS Units **mg/L**
SampID: 23071810-075AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**1.99**	2.000	0.1940	89.9	75	125	08/16/2023

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Client: Ramboll
Work Order: 23071810
Client Project: COF-23Q3
Report Date: 21-Nov-23

SW-846 9214 (TOTAL)

Batch R335102 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 23071810-075AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**2.05**	2.000	0.1940	92.8	1.992	2.92	08/16/2023

Batch R335102 **SampType:** MS Units **mg/L**
SampID: 23071810-095AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**2.36**	2.000	0.3380	101.2	75	125	08/16/2023

Batch R335102 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 23071810-095AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**2.42**	2.000	0.3380	104.2	2.361	2.51	08/16/2023

Batch R335102 **SampType:** MS Units **mg/L**
SampID: 23071810-110AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**2.30**	2.000	0.3160	99.4	75	125	08/16/2023

Batch R335102 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 23071810-110AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**2.27**	2.000	0.3160	97.8	2.304	1.44	08/16/2023

SW-846 9251 (DISSOLVED)

Batch R335223 **SampType:** MS Units **mg/L**
SampID: 23071810-001BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		40		**270**	200.0	87.24	91.4	85	115	08/18/2023

Batch R335223 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 23071810-001BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		40		**268**	200.0	87.24	90.6	270.0	0.61	08/18/2023

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Quality Control Results

Client: Ramboll
Work Order: 23071810
Client Project: COF-23Q3
Report Date: 21-Nov-23

SW-846 9251 (DISSOLVED)

Batch R335354 **SampType:** MS Units **mg/L**
SampID: 23071810-007BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		4	E	**51**	20.00	33.70	85.7	85	115	08/21/2023

Batch R335354 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 23071810-007BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		4	E	**51**	20.00	33.70	85.5	50.83	0.06	08/21/2023

Batch R335354 **SampType:** MS Units **mg/L**
SampID: 23071810-015BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		40		**225**	200.0	45.35	89.7	85	115	08/21/2023

Batch R335354 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 23071810-015BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		40		**224**	200.0	45.35	89.5	224.7	0.12	08/21/2023

Batch R335354 **SampType:** MS Units **mg/L**
SampID: 23071810-022BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		4		**23**	20.00	4.140	92.3	85	115	08/21/2023

Batch R335354 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 23071810-022BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		4		**23**	20.00	4.140	92.5	22.60	0.18	08/21/2023

Batch R335354 **SampType:** MS Units **mg/L**
SampID: 23071810-037BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		40		**286**	200.0	116.1	85.1	85	115	08/21/2023

Batch R335354 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 23071810-037BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		40		**286**	200.0	116.1	85.0	286.3	0.04	08/21/2023

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Quality Control Results

Client: Ramboll
Work Order: 23071810
Client Project: COF-23Q3
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SW-846 9251 (DISSOLVED)

Batch R335479 **SampType:** MS Units **mg/L**
SampID: 23071810-053BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		8		**65**	40.00	28.74	91.6	85	115	08/23/2023

Batch R335479 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 23071810-053BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		8		**66**	40.00	28.74	94.4	65.37	1.71	08/23/2023

Batch R335479 **SampType:** MS Units **mg/L**
SampID: 23071810-069BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		8		**57**	40.00	21.57	88.1	85	115	08/23/2023

Batch R335479 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 23071810-069BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		8		**57**	40.00	21.57	89.1	56.82	0.68	08/23/2023

Batch R335479 **SampType:** MS Units **mg/L**
SampID: 23071810-101BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		40		**230**	200.0	41.06	94.7	85	115	08/24/2023

Batch R335479 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 23071810-101BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		40		**229**	200.0	41.06	94.0	230.4	0.55	08/24/2023

Batch R335729 **SampType:** MS Units **mg/L**
SampID: 23071810-062BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		4		**20**	20.00	0.9900	94.8	85	115	08/29/2023

Batch R335729 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 23071810-062BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		4		**20**	20.00	0.9900	96.0	19.95	1.20	08/29/2023

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Client: Ramboll
Work Order: 23071810
Client Project: COF-23Q3
Report Date: 21-Nov-23

SW-846 9251 (DISSOLVED)

Batch R335780 **SampType:** MS Units **mg/L**
SampID: 23071810-094BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		400		**3020**	2000	1271	87.5	85	115	08/30/2023

Batch R335780 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 23071810-094BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		400		**3080**	2000	1271	90.4	3020	1.89	08/30/2023

SW-846 9251 (TOTAL)

Batch R335223 **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	08/17/2023

Batch R335223 **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	100.8	90	110	08/17/2023

Batch R335354 **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	08/21/2023

Batch R335354 **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	08/21/2023

Batch R335479 **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	08/23/2023

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Client: Ramboll
Work Order: 23071810
Client Project: COF-23Q3
Report Date: 21-Nov-23

SW-846 9251 (TOTAL)

Batch R335479 **SampType:** LCS Units **mg/L**
SampID: ICV/LCS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		4		**20**	20.00	0	101.8	90	110	08/23/2023

Batch R335479 **SampType:** MS Units **mg/L**
SampID: 23071810-002AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		8		**66**	40.00	30.93	86.6	85	115	08/24/2023

Batch R335479 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 23071810-002AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		8		**67**	40.00	30.93	90.3	65.58	2.23	08/24/2023

Batch R335729 **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	08/29/2023

Batch R335729 **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	100.6	90	110	08/29/2023

Batch R335729 **SampType:** MS Units **mg/L**
SampID: 23071810-017AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		40		**270**	200.0	81.59	94.1	85	115	08/29/2023

Batch R335729 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 23071810-017AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		40		**268**	200.0	81.59	93.0	269.8	0.81	08/29/2023

Batch R335729 **SampType:** MS Units **mg/L**
SampID: 23071810-031AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		4	E	**61**	20.00	42.33	93.0	85	115	08/29/2023

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll
Work Order: 23071810
Client Project: COF-23Q3
Report Date: 21-Nov-23

SW-846 9251 (TOTAL)

Batch R335729 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 23071810-031AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		4	E	**60**	20.00	42.33	89.3	60.92	1.21	08/29/2023

Batch R335780 **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	08/30/2023

Batch R335780 **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	99.7	90	110	08/30/2023

Batch R335780 **SampType:** MS Units **mg/L**
SampID: 23071810-043AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		4		**29**	20.00	11.31	87.8	85	115	08/30/2023

Batch R335780 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 23071810-043AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		4		**29**	20.00	11.31	87.8	28.87	0.00	08/30/2023

Batch R335780 **SampType:** MS Units **mg/L**
SampID: 23071810-101AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		20		**140**	100.0	45.31	94.3	85	115	08/30/2023

Batch R335780 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 23071810-101AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		20		**142**	100.0	45.31	96.9	139.6	1.89	08/30/2023

Batch R335932 **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	09/01/2023

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Client: Ramboll
Work Order: 23071810
Client Project: COF-23Q3
Report Date: 21-Nov-23

SW-846 9251 (TOTAL)

Batch R335932 **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	102.0	90	110	09/01/2023

Batch R336035 **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	09/06/2023

Batch R336035 **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	103.2	90	110	09/06/2023

Batch R336144 **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	09/08/2023

Batch R336144 **SampType:** MBLK Units **mg/L**
SampID: MBLK-211677

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	09/08/2023

Batch R336144 **SampType:** LCS Units **mg/L**
SampID: ICV/LCS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		4		**19**	20.00	0	95.6	90	110	09/08/2023

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Quality Control Results

Client: Ramboll
Work Order: 23071810
Client Project: COF-23Q3
Report Date: 21-Nov-23

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

Batch 210784 **SampType:** MBLK Units **mg/L**
SampID: MBLK-210784

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		0.0250		**< 0.0250**	0.0127	0	0	-100	100	08/14/2023
Antimony		0.0500		**< 0.0500**	0.0068	0	0	-100	100	08/14/2023
Arsenic		0.0250		**< 0.0250**	0.0087	0	0	-100	100	08/14/2023
Barium		0.0025		**< 0.0025**	0.0007	0	0	-100	100	08/14/2023
Beryllium		0.0005		**< 0.0005**	0.0002	0	0	-100	100	08/14/2023
Boron		0.0200		**< 0.0200**	0.0090	0	0	-100	100	08/14/2023
Cadmium		0.0020		**< 0.0020**	0.0005	0	0	-100	100	08/14/2023
Calcium		0.100		**< 0.100**	0.0350	0	0	-100	100	08/14/2023
Chromium		0.0050		**< 0.0050**	0.0028	0	0	-100	100	08/14/2023
Cobalt		0.0050		**< 0.0050**	0.0020	0	0	-100	100	08/14/2023
Copper		0.0050		**< 0.0050**	0.0013	0	0	-100	100	08/14/2023
Iron		0.0400		**< 0.0400**	0.0200	0	0	-100	100	08/14/2023
Lead		0.0150		**< 0.0150**	0.0014	0	0	-100	100	08/14/2023
Magnesium		0.0500		**< 0.0500**	0.0055	0	0	-100	100	08/14/2023
Manganese		0.0070		**< 0.0070**	0.0025	0	0	-100	100	08/14/2023
Molybdenum		0.0100		**< 0.0100**	0.0037	0	0	-100	100	08/14/2023
Nickel		0.0050		**< 0.0050**	0.0016	0	0	-100	100	08/14/2023
Potassium		0.100		**< 0.100**	0.0400	0	0	-100	100	08/14/2023
Selenium		0.0400		**< 0.0400**	0.0170	0	0	-100	100	08/14/2023
Silver		0.0070		**< 0.0070**	0.0027	0	0	-100	100	08/14/2023
Sodium		0.0500		**< 0.0500**	0.0180	0	0	-100	100	08/14/2023
Thallium		0.0500		**< 0.0500**	0.0111	0	0	-100	100	08/14/2023
Vanadium		0.0100		**< 0.0100**	0.0009	0	0	-100	100	08/14/2023
Zinc		0.0100		**< 0.0100**	0.0050	0	0	-100	100	08/14/2023

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Client: Ramboll
Work Order: 23071810
Client Project: COF-23Q3
Report Date: 21-Nov-23

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

Batch 210784 **SampType:** LCS Units **mg/L**
SampID: LCS-210784

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		0.0250		**1.74**	2.000	0	87.2	85	115	08/14/2023
Antimony		0.0500		**0.463**	0.5000	0	92.5	85	115	08/14/2023
Arsenic		0.0250		**0.479**	0.5000	0	95.8	85	115	08/14/2023
Barium		0.0025		**1.88**	2.000	0	94.0	85	115	08/14/2023
Beryllium		0.0005		**0.0449**	0.0500	0	89.8	85	115	08/14/2023
Boron		0.0200		**0.450**	0.5000	0	89.9	85	115	08/14/2023
Cadmium		0.0020		**0.0501**	0.0500	0	100.2	85	115	08/14/2023
Calcium		0.100		**2.34**	2.500	0	93.7	85	115	08/14/2023
Chromium		0.0050		**0.182**	0.2000	0	91.0	85	115	08/14/2023
Cobalt		0.0050		**0.449**	0.5000	0	89.8	85	115	08/14/2023
Copper		0.0050		**0.230**	0.2500	0	92.1	85	115	08/14/2023
Iron		0.0400		**1.85**	2.000	0	92.7	85	115	08/14/2023
Lead		0.0150		**0.459**	0.5000	0	91.7	85	115	08/14/2023
Magnesium		0.0500		**2.16**	2.500	0	86.3	85	115	08/14/2023
Manganese		0.0070		**0.436**	0.5000	0	87.3	85	115	08/14/2023
Molybdenum		0.0100		**0.452**	0.5000	0	90.4	85	115	08/14/2023
Nickel		0.0050		**0.466**	0.5000	0	93.2	85	115	08/14/2023
Potassium		0.100		**2.53**	2.500	0	101.3	85	115	08/14/2023
Selenium		0.0400		**0.443**	0.5000	0	88.6	85	115	08/14/2023
Silver		0.0070		**0.0485**	0.0500	0	97.0	85	115	08/14/2023
Sodium		0.0500		**2.35**	2.500	0	94.1	85	115	08/14/2023
Thallium		0.0500		**0.220**	0.2500	0	88.2	85	115	08/14/2023
Vanadium		0.0100		**0.463**	0.5000	0	92.6	85	115	08/14/2023
Zinc		0.0100		**0.460**	0.5000	0	92.0	85	115	08/14/2023

Batch 210784 **SampType:** MS Units **mg/L**
SampID: 23071810-002DMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100	S	**71.5**	2.500	70.76	31.2	75	125	08/14/2023
Magnesium		0.0500	S	**32.4**	2.500	30.84	61.9	75	125	08/14/2023
Potassium		0.100		**2.91**	2.500	0.4298	99.3	75	125	08/14/2023
Sodium		0.0500	S	**63.8**	2.500	62.24	61.6	75	125	08/14/2023

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Client: Ramboll
Work Order: 23071810
Client Project: COF-23Q3
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SW-846 3005A, 6010B, METALS BY ICP (DISSOLVED)

Batch 210784 **SampType:** MSD Units **mg/L** RPD Limit **20**
SampID: 23071810-002DMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Calcium		0.100	S	**72.3**	2.500	70.76	61.2	71.54	1.04	08/14/2023
Magnesium		0.0500	S	**32.7**	2.500	30.84	72.4	32.39	0.81	08/14/2023
Potassium		0.100		**2.88**	2.500	0.4298	98.0	2.912	1.09	08/14/2023
Sodium		0.0500		**64.2**	2.500	62.24	78.0	63.78	0.64	08/14/2023

Batch 210814 **SampType:** MBLK Units **mg/L**
SampID: MBLK-210814

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		0.0250		**< 0.0250**	0.0127	0	0	-100	100	08/15/2023
Antimony		0.0500		**< 0.0500**	0.0068	0	0	-100	100	08/15/2023
Arsenic		0.0250		**< 0.0250**	0.0087	0	0	-100	100	08/15/2023
Barium		0.0025		**< 0.0025**	0.0007	0	0	-100	100	08/15/2023
Beryllium		0.0005		**< 0.0005**	0.0002	0	0	-100	100	08/15/2023
Boron		0.0200		**< 0.0200**	0.0090	0	0	-100	100	08/15/2023
Cadmium		0.0020		**< 0.0020**	0.0005	0	0	-100	100	08/15/2023
Calcium		0.100		**< 0.100**	0.0350	0	0	-100	100	08/15/2023
Chromium		0.0050		**< 0.0050**	0.0028	0	0	-100	100	08/15/2023
Cobalt		0.0050		**< 0.0050**	0.0020	0	0	-100	100	08/15/2023
Copper		0.0050		**< 0.0050**	0.0013	0	0	-100	100	08/15/2023
Iron		0.0400		**< 0.0400**	0.0200	0	0	-100	100	08/15/2023
Lead		0.0150		**< 0.0150**	0.0014	0	0	-100	100	08/15/2023
Magnesium		0.0500		**< 0.0500**	0.0055	0	0	-100	100	08/15/2023
Manganese		0.0070		**< 0.0070**	0.0025	0	0	-100	100	08/15/2023
Molybdenum		0.0100		**< 0.0100**	0.0037	0	0	-100	100	08/15/2023
Nickel		0.0050		**< 0.0050**	0.0016	0	0	-100	100	08/15/2023
Potassium		0.100		**< 0.100**	0.0400	0	0	-100	100	08/15/2023
Selenium		0.0400		**< 0.0400**	0.0170	0	0	-100	100	08/15/2023
Silver		0.0070		**< 0.0070**	0.0027	0	0	-100	100	08/15/2023
Sodium		0.0500		**< 0.0500**	0.0180	0	0	-100	100	08/15/2023
Thallium		0.0500		**< 0.0500**	0.0111	0	0	-100	100	08/15/2023
Vanadium		0.0100		**< 0.0100**	0.0009	0	0	-100	100	08/15/2023
Zinc		0.0100		**< 0.0100**	0.0050	0	0	-100	100	08/15/2023

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Client: Ramboll
Work Order: 23071810
Client Project: COF-23Q3
Report Date: 21-Nov-23

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

Batch 210814 **SampType:** LCS Units **mg/L**
SampID: LCS-210814

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		0.0250		**1.79**	2.000	0	89.3	85	115	08/15/2023
Antimony		0.0500		**0.460**	0.5000	0	91.9	85	115	08/15/2023
Arsenic		0.0250		**0.495**	0.5000	0	99.0	85	115	08/15/2023
Barium		0.0025		**1.80**	2.000	0	90.0	85	115	08/15/2023
Beryllium		0.0005		**0.0459**	0.0500	0	91.8	85	115	08/15/2023
Boron		0.0200		**0.466**	0.5000	0	93.3	85	115	08/15/2023
Cadmium		0.0020		**0.0473**	0.0500	0	94.6	85	115	08/15/2023
Calcium		0.100		**2.38**	2.500	0	95.2	85	115	08/15/2023
Chromium		0.0050		**0.182**	0.2000	0	90.8	85	115	08/15/2023
Cobalt		0.0050		**0.464**	0.5000	0	92.8	85	115	08/15/2023
Copper		0.0050		**0.231**	0.2500	0	92.3	85	115	08/15/2023
Iron		0.0400		**1.81**	2.000	0	90.6	85	115	08/15/2023
Lead		0.0150		**0.463**	0.5000	0	92.6	85	115	08/15/2023
Magnesium		0.0500		**2.20**	2.500	0	87.9	85	115	08/15/2023
Manganese		0.0070		**0.451**	0.5000	0	90.2	85	115	08/15/2023
Molybdenum		0.0100		**0.445**	0.5000	0	89.0	85	115	08/15/2023
Nickel		0.0050		**0.470**	0.5000	0	94.0	85	115	08/15/2023
Potassium		0.100		**2.53**	2.500	0	101.3	85	115	08/15/2023
Selenium		0.0400		**0.474**	0.5000	0	94.9	85	115	08/15/2023
Silver		0.0070		**0.0440**	0.0500	0	88.0	85	115	08/15/2023
Sodium		0.0500		**2.27**	2.500	0	90.9	85	115	08/15/2023
Thallium		0.0500		**0.244**	0.2500	0	97.4	85	115	08/15/2023
Vanadium		0.0100		**0.450**	0.5000	0	90.1	85	115	08/15/2023
Zinc		0.0100		**0.468**	0.5000	0	93.7	85	115	08/15/2023

Batch 210814 **SampType:** MS Units **mg/L**
SampID: 23071810-004DMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100	S	**74.5**	5.000	71.35	63.8	75	125	08/15/2023
Magnesium		0.0500	S	**35.1**	5.000	31.51	72.5	75	125	08/15/2023
Potassium		0.100		**6.18**	5.000	1.150	100.5	75	125	08/15/2023
Sodium		0.0500	S	**53.4**	5.000	51.02	47.4	75	125	08/15/2023

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Quality Control Results

Client: Ramboll
Work Order: 23071810
Client Project: COF-23Q3
Report Date: 21-Nov-23

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

Batch 210814 **SampType:** MSD Units **mg/L** RPD Limit **20**
SampID: 23071810-004DMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Calcium		0.100	S	**74.6**	5.000	71.35	64.8	74.54	0.07	08/15/2023
Magnesium		0.0500	S	**35.0**	5.000	31.51	70.1	35.14	0.35	08/15/2023
Potassium		0.100		**5.77**	5.000	1.150	92.3	6.177	6.87	08/15/2023
Sodium		0.0500	S	**53.1**	5.000	51.02	42.2	53.39	0.49	08/15/2023

Batch 210814 **SampType:** MS Units **mg/L**
SampID: 23071810-016CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		**82.7**	2.500	80.23	99.2	75	125	08/15/2023
Magnesium		0.0500		**39.0**	2.500	36.68	94.1	75	125	08/15/2023
Potassium		0.100		**2.95**	2.500	0.3913	102.2	75	125	08/15/2023
Sodium		0.0500	S	**54.3**	2.500	52.86	57.2	75	125	08/15/2023

Batch 210814 **SampType:** MSD Units **mg/L** RPD Limit **20**
SampID: 23071810-016CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Calcium		0.100		**83.1**	2.500	80.23	113.2	82.71	0.42	08/15/2023
Magnesium		0.0500		**38.9**	2.500	36.68	88.5	39.03	0.36	08/15/2023
Potassium		0.100		**2.91**	2.500	0.3913	100.9	2.946	1.15	08/15/2023
Sodium		0.0500	S	**54.1**	2.500	52.86	48.0	54.29	0.42	08/15/2023

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Client: Ramboll
Work Order: 23071810
Client Project: COF-23Q3
Report Date: 21-Nov-23

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

Batch 210815 **SampType:** MBLK Units **mg/L**
SampID: MBLK-210815

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		0.0250		**< 0.0250**	0.0127	0	0	-100	100	08/15/2023
Antimony		0.0500		**< 0.0500**	0.0068	0	0	-100	100	08/15/2023
Arsenic		0.0250		**< 0.0250**	0.0087	0	0	-100	100	08/15/2023
Barium		0.0025		**< 0.0025**	0.0007	0	0	-100	100	08/15/2023
Beryllium		0.0005		**< 0.0005**	0.0002	0	0	-100	100	08/15/2023
Boron		0.0200		**< 0.0200**	0.0090	0	0	-100	100	08/15/2023
Cadmium		0.0020		**< 0.0020**	0.0005	0	0	-100	100	08/15/2023
Calcium		0.100		**< 0.100**	0.0350	0	0	-100	100	08/15/2023
Chromium		0.0050		**< 0.0050**	0.0028	0	0	-100	100	08/15/2023
Cobalt		0.0050		**< 0.0050**	0.0020	0	0	-100	100	08/15/2023
Copper		0.0050		**< 0.0050**	0.0013	0	0	-100	100	08/15/2023
Iron		0.0400		**< 0.0400**	0.0200	0	0	-100	100	08/15/2023
Lead		0.0150		**< 0.0150**	0.0014	0	0	-100	100	08/15/2023
Magnesium		0.0500		**< 0.0500**	0.0055	0	0	-100	100	08/15/2023
Manganese		0.0070		**< 0.0070**	0.0025	0	0	-100	100	08/15/2023
Molybdenum		0.0100		**< 0.0100**	0.0037	0	0	-100	100	08/15/2023
Nickel		0.0050		**< 0.0050**	0.0016	0	0	-100	100	08/15/2023
Potassium		0.100		**< 0.100**	0.0400	0	0	-100	100	08/15/2023
Selenium		0.0400		**< 0.0400**	0.0170	0	0	-100	100	08/15/2023
Silicon	*	0.0500		**< 0.0500**	0.0122	0	0	-100	100	08/15/2023
Silver		0.0070		**< 0.0070**	0.0027	0	0	-100	100	08/15/2023
Sodium		0.0500		**< 0.0500**	0.0180	0	0	-100	100	08/15/2023
Thallium		0.0500		**< 0.0500**	0.0111	0	0	-100	100	08/15/2023
Vanadium		0.0100		**< 0.0100**	0.0009	0	0	-100	100	08/15/2023
Zinc		0.0100		**< 0.0100**	0.0050	0	0	-100	100	08/15/2023

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll
Work Order: 23071810
Client Project: COF-23Q3
Report Date: 21-Nov-23

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

Batch 210815 **SampType:** LCS Units **mg/L**
SampID: LCS-210815

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		0.0250		**1.79**	2.000	0	89.3	85	115	08/15/2023
Antimony		0.0500		**0.468**	0.5000	0	93.6	85	115	08/15/2023
Arsenic		0.0250		**0.495**	0.5000	0	99.0	85	115	08/15/2023
Barium		0.0025		**1.79**	2.000	0	89.3	85	115	08/15/2023
Beryllium		0.0005		**0.0462**	0.0500	0	92.4	85	115	08/15/2023
Boron		0.0200		**0.468**	0.5000	0	93.6	85	115	08/15/2023
Cadmium		0.0020		**0.0487**	0.0500	0	97.4	85	115	08/15/2023
Calcium		0.100		**2.37**	2.500	0	94.7	85	115	08/15/2023
Chromium		0.0050		**0.183**	0.2000	0	91.4	85	115	08/15/2023
Cobalt		0.0050		**0.467**	0.5000	0	93.3	85	115	08/15/2023
Copper		0.0050		**0.229**	0.2500	0	91.6	85	115	08/15/2023
Iron		0.0400		**1.82**	2.000	0	91.1	85	115	08/15/2023
Lead		0.0150		**0.472**	0.5000	0	94.3	85	115	08/15/2023
Magnesium		0.0500		**2.22**	2.500	0	89.0	85	115	08/15/2023
Manganese		0.0070		**0.452**	0.5000	0	90.5	85	115	08/15/2023
Molybdenum		0.0100		**0.449**	0.5000	0	89.9	85	115	08/15/2023
Nickel		0.0050		**0.478**	0.5000	0	95.7	85	115	08/15/2023
Potassium		0.100		**2.50**	2.500	0	99.9	85	115	08/15/2023
Selenium		0.0400		**0.480**	0.5000	0	95.9	85	115	08/15/2023
Silicon	*	0.0500		**0.443**	0.5000	0	88.6	85	115	08/15/2023
Silver		0.0070		**0.0437**	0.0500	0	87.4	85	115	08/15/2023
Sodium		0.0500		**2.27**	2.500	0	90.7	85	115	08/15/2023
Thallium		0.0500		**0.236**	0.2500	0	94.6	85	115	08/15/2023
Vanadium		0.0100		**0.453**	0.5000	0	90.6	85	115	08/15/2023
Zinc		0.0100		**0.473**	0.5000	0	94.7	85	115	08/15/2023

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 23071810
Client Project: COF-23Q3
Report Date: 21-Nov-23

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

Batch 210815 **SampType:** MS Units **mg/L**
SampID: 23071810-034DMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		0.0250		**1.80**	2.000	0	90.0	75	125	08/15/2023
Arsenic		0.0250		**0.512**	0.5000	0	102.5	75	125	08/15/2023
Barium		0.0025		**1.88**	2.000	0.07570	90.1	75	125	08/15/2023
Beryllium		0.0005		**0.0469**	0.0500	0	93.8	75	125	08/15/2023
Boron		0.0200		**0.471**	0.5000	0	94.2	75	125	08/15/2023
Cadmium		0.0020		**0.0472**	0.0500	0	94.4	75	125	08/15/2023
Chromium		0.0050		**0.183**	0.2000	0	91.7	75	125	08/15/2023
Copper		0.0050		**0.234**	0.2500	0	93.6	75	125	08/15/2023
Iron		0.0400		**1.81**	2.000	0	90.3	75	125	08/15/2023
Lead		0.0150		**0.460**	0.5000	0	92.1	75	125	08/15/2023
Manganese		0.0070		**0.490**	0.5000	0.03660	90.7	75	125	08/15/2023
Molybdenum		0.0100		**0.458**	0.5000	0	91.6	75	125	08/15/2023
Nickel		0.0050		**0.478**	0.5000	0	95.5	75	125	08/15/2023
Silver		0.0070		**0.0444**	0.0500	0	88.8	75	125	08/15/2023
Zinc		0.0100		**0.480**	0.5000	0	96.0	75	125	08/15/2023

Batch 210815 **SampType:** MSD Units **mg/L** RPD Limit **20**
SampID: 23071810-034DMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Aluminum		0.0250		**1.79**	2.000	0	89.4	1.799	0.64	08/15/2023
Arsenic		0.0250		**0.511**	0.5000	0	102.3	0.5125	0.23	08/15/2023
Barium		0.0025		**1.87**	2.000	0.07570	89.5	1.878	0.60	08/15/2023
Beryllium		0.0005		**0.0467**	0.0500	0	93.4	0.04690	0.43	08/15/2023
Boron		0.0200		**0.470**	0.5000	0	94.0	0.4711	0.21	08/15/2023
Cadmium		0.0020		**0.0472**	0.0500	0	94.4	0.04720	0.00	08/15/2023
Chromium		0.0050		**0.183**	0.2000	0	91.7	0.1834	0.05	08/15/2023
Copper		0.0050		**0.235**	0.2500	0	94.0	0.2339	0.47	08/15/2023
Iron		0.0400		**1.80**	2.000	0	90.2	1.806	0.08	08/15/2023
Lead		0.0150		**0.461**	0.5000	0	92.2	0.4603	0.11	08/15/2023
Manganese		0.0070		**0.490**	0.5000	0.03660	90.7	0.4901	0.04	08/15/2023
Molybdenum		0.0100		**0.458**	0.5000	0	91.5	0.4580	0.07	08/15/2023
Nickel		0.0050		**0.476**	0.5000	0	95.3	0.4775	0.25	08/15/2023
Silver		0.0070		**0.0445**	0.0500	0	89.0	0.04440	0.22	08/15/2023
Zinc		0.0100		**0.480**	0.5000	0	95.9	0.4802	0.15	08/15/2023

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 23071810
Client Project: COF-23Q3
Report Date: 21-Nov-23

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

Batch 210815 **SampType:** MS Units **mg/L**
SampID: 23071810-036DMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		0.0250		**1.83**	2.000	0	91.6	75	125	08/15/2023
Arsenic		0.0250		**0.514**	0.5000	0	102.8	75	125	08/15/2023
Barium		0.0025		**1.86**	2.000	0.05010	90.3	75	125	08/15/2023
Beryllium		0.0005		**0.0461**	0.0500	0	92.2	75	125	08/15/2023
Boron		0.0200		**1.47**	0.5000	1.000	94.4	75	125	08/15/2023
Cadmium		0.0020		**0.0473**	0.0500	0	94.6	75	125	08/15/2023
Chromium		0.0050		**0.182**	0.2000	0	90.8	75	125	08/15/2023
Copper		0.0050		**0.234**	0.2500	0	93.5	75	125	08/15/2023
Iron		0.0400		**7.54**	2.000	5.680	93.0	75	125	08/15/2023
Lead		0.0150		**0.452**	0.5000	0	90.5	75	125	08/15/2023
Manganese		0.0070		**0.976**	0.5000	0.5338	88.4	75	125	08/15/2023
Molybdenum		0.0100		**0.458**	0.5000	0	91.6	75	125	08/15/2023
Nickel		0.0050		**0.470**	0.5000	0	94.0	75	125	08/15/2023
Silver		0.0070		**0.0458**	0.0500	0	91.6	75	125	08/15/2023
Zinc		0.0100		**0.474**	0.5000	0	94.8	75	125	08/15/2023

Batch 210815 **SampType:** MSD Units **mg/L** RPD Limit **20**
SampID: 23071810-036DMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Aluminum		0.0250		**1.83**	2.000	0	91.7	1.832	0.08	08/15/2023
Arsenic		0.0250		**0.519**	0.5000	0	103.8	0.5140	0.93	08/15/2023
Barium		0.0025		**1.86**	2.000	0.05010	90.7	1.856	0.42	08/15/2023
Beryllium		0.0005		**0.0465**	0.0500	0	93.0	0.04610	0.86	08/15/2023
Boron		0.0200		**1.48**	0.5000	1.000	95.8	1.472	0.48	08/15/2023
Cadmium		0.0020		**0.0469**	0.0500	0	93.8	0.04730	0.85	08/15/2023
Chromium		0.0050		**0.182**	0.2000	0	91.2	0.1816	0.44	08/15/2023
Copper		0.0050		**0.237**	0.2500	0	94.7	0.2337	1.28	08/15/2023
Iron		0.0400		**7.59**	2.000	5.680	95.5	7.540	0.66	08/15/2023
Lead		0.0150		**0.456**	0.5000	0	91.1	0.4525	0.68	08/15/2023
Manganese		0.0070		**0.983**	0.5000	0.5338	89.8	0.9760	0.71	08/15/2023
Molybdenum		0.0100		**0.457**	0.5000	0	91.4	0.4579	0.17	08/15/2023
Nickel		0.0050		**0.473**	0.5000	0	94.6	0.4700	0.68	08/15/2023
Silver		0.0070		**0.0466**	0.0500	0	93.2	0.04580	1.73	08/15/2023
Zinc		0.0100		**0.478**	0.5000	0	95.6	0.4741	0.84	08/15/2023

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 23071810
Client Project: COF-23Q3
Report Date: 21-Nov-23

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

Batch 210825 **SampType:** MBLK Units **mg/L**
SampID: MBLK-210825

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		0.0250		**< 0.0250**	0.0127	0	0	-100	100	08/16/2023
Antimony		0.0500		**< 0.0500**	0.0068	0	0	-100	100	08/16/2023
Arsenic		0.0250		**< 0.0250**	0.0087	0	0	-100	100	08/16/2023
Barium		0.0025		**< 0.0025**	0.0007	0	0	-100	100	08/16/2023
Beryllium		0.0005		**< 0.0005**	0.0002	0	0	-100	100	08/16/2023
Boron		0.0200		**< 0.0200**	0.0090	0	0	-100	100	08/16/2023
Cadmium		0.0020		**< 0.0020**	0.0005	0	0	-100	100	08/16/2023
Calcium		0.100		**< 0.100**	0.0350	0	0	-100	100	08/16/2023
Chromium		0.0050		**< 0.0050**	0.0028	0	0	-100	100	08/16/2023
Cobalt		0.0050		**< 0.0050**	0.0020	0	0	-100	100	08/16/2023
Copper		0.0050		**< 0.0050**	0.0013	0	0	-100	100	08/16/2023
Iron		0.0400		**< 0.0400**	0.0200	0	0	-100	100	08/16/2023
Lead		0.0150		**< 0.0150**	0.0014	0	0	-100	100	08/16/2023
Magnesium		0.0500		**< 0.0500**	0.0055	0	0	-100	100	08/16/2023
Manganese		0.0070		**< 0.0070**	0.0025	0	0	-100	100	08/16/2023
Molybdenum		0.0100		**< 0.0100**	0.0037	0	0	-100	100	08/16/2023
Nickel		0.0050		**< 0.0050**	0.0016	0	0	-100	100	08/16/2023
Potassium		0.100		**< 0.100**	0.0400	0	0	-100	100	08/16/2023
Selenium		0.0400		**< 0.0400**	0.0170	0	0	-100	100	08/16/2023
Silicon	*	0.0500		**< 0.0500**	0.0122	0	0	-100	100	08/16/2023
Silver		0.0070		**< 0.0070**	0.0027	0	0	-100	100	08/16/2023
Sodium		0.0500		**< 0.0500**	0.0180	0	0	-100	100	08/16/2023
Thallium		0.0500		**< 0.0500**	0.0111	0	0	-100	100	08/16/2023
Vanadium		0.0100		**< 0.0100**	0.0009	0	0	-100	100	08/16/2023
Zinc		0.0100		**< 0.0100**	0.0050	0	0	-100	100	08/16/2023

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 23071810
Client Project: COF-23Q3
Report Date: 21-Nov-23

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

Batch 210825 **SampType:** LCS Units **mg/L**
SampID: LCS-210825

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		0.0250		**1.77**	2.000	0	88.3	85	115	08/16/2023
Antimony		0.0500		**0.448**	0.5000	0	89.7	85	115	08/16/2023
Arsenic		0.0250		**0.443**	0.5000	0	88.5	85	115	08/16/2023
Barium		0.0025		**1.82**	2.000	0	91.2	85	115	08/16/2023
Beryllium		0.0005		**0.0433**	0.0500	0	86.6	85	115	08/16/2023
Boron		0.0200		**0.436**	0.5000	0	87.2	85	115	08/16/2023
Cadmium		0.0020		**0.0434**	0.0500	0	86.8	85	115	08/16/2023
Calcium		0.100		**2.38**	2.500	0	95.3	85	115	08/16/2023
Chromium		0.0050		**0.175**	0.2000	0	87.5	85	115	08/16/2023
Cobalt		0.0050		**0.441**	0.5000	0	88.2	85	115	08/16/2023
Copper		0.0050		**0.230**	0.2500	0	92.0	85	115	08/16/2023
Iron		0.0400		**1.74**	2.000	0	87.2	85	115	08/16/2023
Lead		0.0150		**0.430**	0.5000	0	86.0	85	115	08/16/2023
Magnesium		0.0500		**2.30**	2.500	0	92.0	85	115	08/17/2023
Manganese		0.0070		**0.435**	0.5000	0	87.0	85	115	08/16/2023
Molybdenum		0.0100		**0.428**	0.5000	0	85.7	85	115	08/16/2023
Nickel		0.0050		**0.437**	0.5000	0	87.3	85	115	08/16/2023
Potassium		0.100		**2.50**	2.500	0	100.1	85	115	08/16/2023
Selenium		0.0400		**0.425**	0.5000	0	85.0	85	115	08/16/2023
Silicon	*	0.0500		**0.451**	0.5000	0	90.2	85	115	08/16/2023
Silver		0.0070		**0.0464**	0.0500	0	92.8	85	115	08/16/2023
Sodium		0.0500		**2.28**	2.500	0	91.1	85	115	08/16/2023
Thallium		0.0500		**0.220**	0.2500	0	88.0	85	115	08/16/2023
Vanadium		0.0100		**0.439**	0.5000	0	87.8	85	115	08/16/2023
Zinc		0.0100		**0.438**	0.5000	0	87.6	85	115	08/16/2023

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 23071810
Client Project: COF-23Q3
Report Date: 21-Nov-23

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

Batch 210825 **SampType:** MS Units **mg/L**
SampID: 23071810-082DMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		0.0250		**1.80**	2.000	0.02590	88.8	75	125	08/16/2023
Arsenic		0.0250		**0.478**	0.5000	0	95.7	75	125	08/16/2023
Boron		0.0200		**0.569**	0.5000	0.1270	88.3	75	125	08/16/2023
Copper		0.0050		**0.240**	0.2500	0	95.9	75	125	08/16/2023
Iron		0.0400		**2.73**	2.000	0.8447	94.3	75	125	08/16/2023
Lead		0.0150		**0.432**	0.5000	0	86.3	75	125	08/16/2023
Manganese		0.0070		**3.36**	0.5000	2.966	78.6	75	125	08/16/2023
Nickel		0.0050		**0.436**	0.5000	0	87.1	75	125	08/16/2023
Silver		0.0070		**0.0502**	0.0500	0.003200	94.0	75	125	08/16/2023
Zinc		0.0100		**0.452**	0.5000	0	90.3	75	125	08/16/2023

Batch 210825 **SampType:** MSD Units **mg/L** RPD Limit **20**
SampID: 23071810-082DMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Aluminum		0.0250		**1.81**	2.000	0.02590	89.1	1.802	0.38	08/16/2023
Arsenic		0.0250		**0.471**	0.5000	0	94.1	0.4783	1.60	08/16/2023
Boron		0.0200		**0.567**	0.5000	0.1270	88.0	0.5686	0.25	08/16/2023
Copper		0.0050		**0.237**	0.2500	0	94.9	0.2398	1.09	08/16/2023
Iron		0.0400		**2.72**	2.000	0.8447	93.8	2.730	0.37	08/16/2023
Lead		0.0150		**0.429**	0.5000	0	85.9	0.4316	0.51	08/16/2023
Manganese		0.0070		**3.36**	0.5000	2.966	78.5	3.359	0.01	08/16/2023
Nickel		0.0050		**0.435**	0.5000	0	87.1	0.4356	0.07	08/16/2023
Silver		0.0070		**0.0497**	0.0500	0.003200	93.0	0.05020	1.00	08/16/2023
Zinc		0.0100		**0.446**	0.5000	0	89.2	0.4517	1.27	08/16/2023

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 23071810
Client Project: COF-23Q3
Report Date: 21-Nov-23

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

Batch 210902 **SampType:** MBLK Units **mg/L**
SampID: MBLK-210902

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		0.0250		**< 0.0250**	0.0127	0	0	-100	100	08/16/2023
Antimony		0.0500		**< 0.0500**	0.0068	0	0	-100	100	08/16/2023
Arsenic		0.0250		**< 0.0250**	0.0087	0	0	-100	100	08/16/2023
Barium		0.0025		**< 0.0025**	0.0007	0	0	-100	100	08/16/2023
Beryllium		0.0005		**< 0.0005**	0.0002	0	0	-100	100	08/16/2023
Boron		0.0200		**< 0.0200**	0.0090	0	0	-100	100	08/16/2023
Cadmium		0.0020		**< 0.0020**	0.0005	0	0	-100	100	08/16/2023
Calcium		0.100		**< 0.100**	0.0350	0	0	-100	100	08/16/2023
Chromium		0.0050		**< 0.0050**	0.0028	0	0	-100	100	08/16/2023
Cobalt		0.0050		**< 0.0050**	0.0020	0	0	-100	100	08/16/2023
Copper		0.0050		**< 0.0050**	0.0013	0	0	-100	100	08/16/2023
Iron		0.0400		**< 0.0400**	0.0200	0	0	-100	100	08/16/2023
Lead		0.0150		**< 0.0150**	0.0014	0	0	-100	100	08/16/2023
Magnesium		0.0500		**< 0.0500**	0.0055	0	0	-100	100	08/16/2023
Manganese		0.0070		**< 0.0070**	0.0025	0	0	-100	100	08/16/2023
Molybdenum		0.0100		**< 0.0100**	0.0037	0	0	-100	100	08/16/2023
Nickel		0.0050		**< 0.0050**	0.0016	0	0	-100	100	08/16/2023
Potassium		0.100		**< 0.100**	0.0400	0	0	-100	100	08/16/2023
Selenium		0.0400		**< 0.0400**	0.0170	0	0	-100	100	08/16/2023
Silicon	*	0.0500		**< 0.0500**	0.0122	0	0	-100	100	08/16/2023
Silver		0.0070		**< 0.0070**	0.0027	0	0	-100	100	08/16/2023
Sodium		0.0500		**< 0.0500**	0.0180	0	0	-100	100	08/16/2023
Thallium		0.0500		**< 0.0500**	0.0111	0	0	-100	100	08/16/2023
Vanadium		0.0100		**< 0.0100**	0.0009	0	0	-100	100	08/16/2023
Zinc		0.0100		**< 0.0100**	0.0050	0	0	-100	100	08/16/2023

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 23071810
Client Project: COF-23Q3
Report Date: 21-Nov-23

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

Batch 210902 **SampType:** LCS Units **mg/L**
SampID: LCS-210902

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		0.0250		**1.78**	2.000	0	89.2	85	115	08/16/2023
Antimony		0.0500		**0.451**	0.5000	0	90.2	85	115	08/16/2023
Arsenic		0.0250		**0.450**	0.5000	0	90.0	85	115	08/16/2023
Barium		0.0025		**1.84**	2.000	0	92.1	85	115	08/16/2023
Beryllium		0.0005		**0.0438**	0.0500	0	87.6	85	115	08/16/2023
Boron		0.0200		**0.449**	0.5000	0	89.9	85	115	08/16/2023
Cadmium		0.0020		**0.0499**	0.0500	0	99.8	85	115	08/17/2023
Calcium		0.100		**2.40**	2.500	0	96.0	85	115	08/16/2023
Chromium		0.0050		**0.180**	0.2000	0	90.1	85	115	08/16/2023
Cobalt		0.0050		**0.462**	0.5000	0	92.4	85	115	08/16/2023
Copper		0.0050		**0.239**	0.2500	0	95.7	85	115	08/16/2023
Iron		0.0400		**1.78**	2.000	0	88.8	85	115	08/16/2023
Lead		0.0150		**0.440**	0.5000	0	87.9	85	115	08/16/2023
Magnesium		0.0500		**2.29**	2.500	0	91.5	85	115	08/17/2023
Manganese		0.0070		**0.454**	0.5000	0	90.8	85	115	08/16/2023
Molybdenum		0.0100		**0.441**	0.5000	0	88.2	85	115	08/16/2023
Nickel		0.0050		**0.443**	0.5000	0	88.6	85	115	08/16/2023
Potassium		0.100		**2.48**	2.500	0	99.1	85	115	08/16/2023
Selenium		0.0400		**0.432**	0.5000	0	86.3	85	115	08/16/2023
Silicon	*	0.0500		**0.447**	0.5000	0	89.3	85	115	08/16/2023
Silver		0.0070		**0.0460**	0.0500	0	92.0	85	115	08/16/2023
Sodium		0.0500		**2.28**	2.500	0	91.2	85	115	08/16/2023
Thallium		0.0500		**0.223**	0.2500	0	89.1	85	115	08/16/2023
Vanadium		0.0100		**0.445**	0.5000	0	89.0	85	115	08/16/2023
Zinc		0.0100		**0.442**	0.5000	0	88.4	85	115	08/16/2023

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll
Work Order: 23071810
Client Project: COF-23Q3
Report Date: 21-Nov-23

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

Batch 210902 **SampType:** MS Units **mg/L**
SampID: 23071810-028DMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		0.0250		**1.79**	2.000	0.02120	88.6	75	125	08/16/2023
Arsenic		0.0250		**0.456**	0.5000	0	91.2	75	125	08/16/2023
Barium		0.0025		**1.91**	2.000	0.09310	91.1	75	125	08/16/2023
Beryllium		0.0005		**0.0446**	0.0500	0	89.2	75	125	08/16/2023
Boron		0.0200		**0.446**	0.5000	0	89.1	75	125	08/16/2023
Cadmium		0.0020		**0.0415**	0.0500	0	83.0	75	125	08/16/2023
Chromium		0.0050		**0.178**	0.2000	0	89.2	75	125	08/16/2023
Copper		0.0050		**0.239**	0.2500	0	95.5	75	125	08/16/2023
Iron		0.0400		**1.77**	2.000	0	88.6	75	125	08/16/2023
Lead		0.0150		**0.431**	0.5000	0	86.1	75	125	08/16/2023
Manganese		0.0070		**0.458**	0.5000	0.003900	90.8	75	125	08/16/2023
Molybdenum		0.0100		**0.442**	0.5000	0	88.5	75	125	08/16/2023
Nickel		0.0050		**0.432**	0.5000	0	86.4	75	125	08/16/2023
Silver		0.0070		**0.0473**	0.0500	0	94.6	75	125	08/16/2023
Zinc		0.0100		**0.446**	0.5000	0	89.3	75	125	08/16/2023

Batch 210902 **SampType:** MSD Units **mg/L** RPD Limit **20**
SampID: 23071810-028DMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Aluminum		0.0250		**1.80**	2.000	0.02120	88.9	1.793	0.39	08/16/2023
Arsenic		0.0250		**0.462**	0.5000	0	92.5	0.4561	1.39	08/16/2023
Barium		0.0025		**1.94**	2.000	0.09310	92.2	1.914	1.19	08/16/2023
Beryllium		0.0005		**0.0443**	0.0500	0	88.6	0.04460	0.67	08/16/2023
Boron		0.0200		**0.452**	0.5000	0	90.3	0.4456	1.32	08/16/2023
Cadmium		0.0020		**0.0418**	0.0500	0	83.6	0.04150	0.72	08/16/2023
Chromium		0.0050		**0.180**	0.2000	0	90.1	0.1784	1.00	08/16/2023
Copper		0.0050		**0.242**	0.2500	0	96.6	0.2388	1.17	08/16/2023
Iron		0.0400		**1.78**	2.000	0	89.2	1.772	0.71	08/16/2023
Lead		0.0150		**0.434**	0.5000	0	86.8	0.4307	0.74	08/16/2023
Manganese		0.0070		**0.458**	0.5000	0.003900	90.9	0.4577	0.15	08/16/2023
Molybdenum		0.0100		**0.450**	0.5000	0	90.0	0.4424	1.68	08/16/2023
Nickel		0.0050		**0.437**	0.5000	0	87.4	0.4321	1.10	08/16/2023
Silver		0.0070		**0.0475**	0.0500	0	95.0	0.04730	0.42	08/16/2023
Zinc		0.0100		**0.450**	0.5000	0	89.9	0.4464	0.74	08/16/2023

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll
Work Order: 23071810
Client Project: COF-23Q3
Report Date: 21-Nov-23

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

Batch 210902 **SampType:** MS Units **mg/L**
SampID: 23071810-030DMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		0.0250		**1.81**	2.000	0	90.5	75	125	08/16/2023
Arsenic		0.0250		**0.465**	0.5000	0	93.0	75	125	08/16/2023
Barium		0.0025		**1.88**	2.000	0.04450	91.6	75	125	08/16/2023
Beryllium		0.0005		**0.0446**	0.0500	0	89.2	75	125	08/16/2023
Boron		0.0200		**0.446**	0.5000	0	89.2	75	125	08/16/2023
Cadmium		0.0020		**0.0413**	0.0500	0	82.6	75	125	08/16/2023
Chromium		0.0050		**0.180**	0.2000	0	89.8	75	125	08/16/2023
Copper		0.0050		**0.241**	0.2500	0	96.6	75	125	08/16/2023
Iron		0.0400		**1.78**	2.000	0	89.1	75	125	08/16/2023
Lead		0.0150		**0.428**	0.5000	0	85.6	75	125	08/16/2023
Manganese		0.0070		**0.459**	0.5000	0	91.7	75	125	08/16/2023
Molybdenum		0.0100		**0.446**	0.5000	0	89.2	75	125	08/16/2023
Nickel		0.0050		**0.435**	0.5000	0	87.0	75	125	08/16/2023
Silver		0.0070		**0.0480**	0.0500	0	96.0	75	125	08/16/2023
Zinc		0.0100		**0.450**	0.5000	0	89.9	75	125	08/16/2023

Batch 210902 **SampType:** MSD Units **mg/L** RPD Limit **20**
SampID: 23071810-030DMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Aluminum		0.0250		**1.81**	2.000	0	90.7	1.810	0.18	08/16/2023
Arsenic		0.0250		**0.466**	0.5000	0	93.3	0.4651	0.30	08/16/2023
Barium		0.0025		**1.87**	2.000	0.04450	91.3	1.877	0.33	08/16/2023
Beryllium		0.0005		**0.0443**	0.0500	0	88.6	0.04460	0.67	08/16/2023
Boron		0.0200		**0.447**	0.5000	0	89.4	0.4459	0.20	08/16/2023
Cadmium		0.0020		**0.0410**	0.0500	0	82.0	0.04130	0.73	08/16/2023
Chromium		0.0050		**0.178**	0.2000	0	89.2	0.1795	0.67	08/16/2023
Copper		0.0050		**0.241**	0.2500	0	96.5	0.2414	0.04	08/16/2023
Iron		0.0400		**1.78**	2.000	0	88.9	1.782	0.25	08/16/2023
Lead		0.0150		**0.429**	0.5000	0	85.8	0.4282	0.23	08/16/2023
Manganese		0.0070		**0.458**	0.5000	0	91.6	0.4586	0.17	08/16/2023
Molybdenum		0.0100		**0.444**	0.5000	0	88.9	0.4461	0.40	08/16/2023
Nickel		0.0050		**0.434**	0.5000	0	86.7	0.4349	0.32	08/16/2023
Silver		0.0070		**0.0475**	0.0500	0	95.0	0.04800	1.05	08/16/2023
Zinc		0.0100		**0.450**	0.5000	0	89.9	0.4495	0.04	08/16/2023

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 23071810
Client Project: COF-23Q3
Report Date: 21-Nov-23

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

Batch 210928 **SampType:** MBLK Units **mg/L**
SampID: MBLK-210928

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		0.0250		**< 0.0250**	0.0127	0	0	-100	100	08/16/2023
Antimony		0.0500		**< 0.0500**	0.0068	0	0	-100	100	08/16/2023
Arsenic		0.0250		**< 0.0250**	0.0087	0	0	-100	100	08/16/2023
Barium		0.0025		**< 0.0025**	0.0007	0	0	-100	100	08/16/2023
Beryllium		0.0005		**< 0.0005**	0.0002	0	0	-100	100	08/16/2023
Boron		0.0200		**< 0.0200**	0.0090	0	0	-100	100	08/16/2023
Cadmium		0.0020		**< 0.0020**	0.0005	0	0	-100	100	08/16/2023
Calcium		0.100		**< 0.100**	0.0350	0	0	-100	100	08/16/2023
Chromium		0.0050		**< 0.0050**	0.0028	0	0	-100	100	08/16/2023
Cobalt		0.0050		**< 0.0050**	0.0020	0	0	-100	100	08/16/2023
Copper		0.0050		**< 0.0050**	0.0013	0	0	-100	100	08/16/2023
Iron		0.0400		**< 0.0400**	0.0200	0	0	-100	100	08/16/2023
Lead		0.0150		**< 0.0150**	0.0014	0	0	-100	100	08/16/2023
Magnesium		0.0500		**< 0.0500**	0.0055	0	0	-100	100	08/16/2023
Manganese		0.0070		**< 0.0070**	0.0025	0	0	-100	100	08/16/2023
Molybdenum		0.0100		**< 0.0100**	0.0037	0	0	-100	100	08/16/2023
Nickel		0.0050		**< 0.0050**	0.0016	0	0	-100	100	08/16/2023
Potassium		0.100		**< 0.100**	0.0400	0	0	-100	100	08/16/2023
Selenium		0.0400		**< 0.0400**	0.0170	0	0	-100	100	08/16/2023
Silicon	*	0.0500		**< 0.0500**	0.0122	0	0	-100	100	08/16/2023
Silver		0.0070		**< 0.0070**	0.0027	0	0	-100	100	08/16/2023
Sodium		0.0500		**< 0.0500**	0.0180	0	0	-100	100	08/16/2023
Thallium		0.0500		**< 0.0500**	0.0111	0	0	-100	100	08/16/2023
Vanadium		0.0100		**< 0.0100**	0.0009	0	0	-100	100	08/16/2023
Zinc		0.0100		**< 0.0100**	0.0050	0	0	-100	100	08/16/2023

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 23071810
Client Project: COF-23Q3
Report Date: 21-Nov-23

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

Batch 210928 **SampType:** LCS Units **mg/L**
SampID: LCS-210928

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		0.0250		**1.75**	2.000	0	87.7	85	115	08/16/2023
Antimony		0.0500		**0.437**	0.5000	0	87.3	85	115	08/16/2023
Arsenic		0.0250		**0.442**	0.5000	0	88.5	85	115	08/16/2023
Barium		0.0025		**1.83**	2.000	0	91.6	85	115	08/16/2023
Beryllium		0.0005		**0.0431**	0.0500	0	86.2	85	115	08/16/2023
Boron		0.0200		**0.432**	0.5000	0	86.4	85	115	08/16/2023
Cadmium		0.0020		**0.0440**	0.0500	0	88.0	85	115	08/16/2023
Calcium		0.100		**2.37**	2.500	0	94.8	85	115	08/16/2023
Chromium		0.0050		**0.174**	0.2000	0	87.0	85	115	08/16/2023
Cobalt		0.0050		**0.438**	0.5000	0	87.7	85	115	08/16/2023
Copper		0.0050		**0.231**	0.2500	0	92.4	85	115	08/16/2023
Iron		0.0400		**1.75**	2.000	0	87.5	85	115	08/16/2023
Lead		0.0150		**0.430**	0.5000	0	86.0	85	115	08/16/2023
Magnesium		0.0500		**2.33**	2.500	0	93.4	85	115	08/17/2023
Manganese		0.0070		**0.432**	0.5000	0	86.5	85	115	08/16/2023
Molybdenum		0.0100		**0.425**	0.5000	0	85.0	85	115	08/16/2023
Nickel		0.0050		**0.433**	0.5000	0	86.5	85	115	08/16/2023
Potassium		0.100		**2.50**	2.500	0	100.0	85	115	08/16/2023
Silicon	*	0.0500		**0.444**	0.5000	0	88.8	85	115	08/16/2023
Silver		0.0070		**0.0464**	0.0500	0	92.8	85	115	08/16/2023
Sodium		0.0500		**2.28**	2.500	0	91.2	85	115	08/16/2023
Thallium		0.0500		**0.213**	0.2500	0	85.4	85	115	08/16/2023
Vanadium		0.0100		**0.440**	0.5000	0	87.9	85	115	08/16/2023
Zinc		0.0100		**0.436**	0.5000	0	87.3	85	115	08/16/2023

Batch 210928 **SampType:** MS Units **mg/L**
SampID: 23071810-094DMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100	S	**434**	2.500	440.1	-234.4	75	125	08/16/2023
Magnesium		0.0500	S	**799**	2.500	801.1	-93.1	75	125	08/16/2023
Potassium		2.00	S	**106**	2.500	105.6	20.4	75	125	08/17/2023
Silicon	*	0.0500		**7.27**	0.5000	6.876	79.2	75	125	08/16/2023
Sodium		0.0500	S	**363**	2.500	367.8	-210.0	75	125	08/16/2023

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll **Work Order:** 23071810

Client Project: COF-23Q3 **Report Date:** 21-Nov-23

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

Batch 210928 **SampType:** MSD Units **mg/L** RPD Limit **20**

SampID: 23071810-094DMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Calcium		0.100	S	**435**	2.500	440.1	-202.8	434.3	0.18	08/16/2023
Magnesium		0.0500	S	**803**	2.500	801.1	69.2	798.7	0.51	08/16/2023
Potassium		2.00	S	**106**	2.500	105.6	3.4	106.1	0.40	08/17/2023
Silicon	*	0.0500		**7.25**	0.5000	6.876	75.1	7.272	0.28	08/16/2023
Sodium		0.0500	S	**364**	2.500	367.8	-164.8	362.6	0.31	08/16/2023

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

Batch 210770 **SampType:** MBLK Units **mg/L**

SampID: MBLK-210770

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	08/15/2023
Magnesium		0.0500		**< 0.0500**	0.0055	0	0	-100	100	08/15/2023
Potassium		0.100		**< 0.100**	0.0400	0	0	-100	100	08/15/2023
Sodium		0.0500		**< 0.0500**	0.0180	0	0	-100	100	08/15/2023

Batch 210770 **SampType:** LCS Units **mg/L**

SampID: LCS-210770

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		**2.66**	2.500	0	106.4	85	115	08/15/2023
Magnesium		0.0500		**2.42**	2.500	0	96.6	85	115	08/15/2023
Potassium		0.100		**2.79**	2.500	0	111.7	85	115	08/15/2023
Sodium		0.0500		**2.61**	2.500	0	104.6	85	115	08/15/2023

Batch 210770 **SampType:** MS Units **mg/L**

SampID: 23071810-009CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100	S	**98.0**	2.500	94.85	128.0	75	125	08/15/2023
Magnesium		0.0500		**44.6**	2.500	41.82	112.9	75	125	08/15/2023
Potassium		0.100		**3.02**	2.500	0.2669	110.3	75	125	08/15/2023
Sodium		0.0500		**55.2**	2.500	52.11	122.8	75	125	08/15/2023

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 23071810
Client Project: COF-23Q3
Report Date: 21-Nov-23

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

Batch 210770 **SampType:** MSD Units **mg/L** RPD Limit **20**
SampID: 23071810-009CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Calcium		0.100		**97.9**	2.500	94.85	120.4	98.05	0.19	08/15/2023
Magnesium		0.0500		**44.6**	2.500	41.82	111.7	44.64	0.07	08/15/2023
Potassium		0.100		**3.00**	2.500	0.2669	109.4	3.024	0.75	08/15/2023
Sodium		0.0500	S	**55.3**	2.500	52.11	127.2	55.18	0.20	08/15/2023

Batch 210785 **SampType:** MBLK Units **mg/L**
SampID: MBLK-210785

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	08/15/2023
Magnesium		0.0500		**< 0.0500**	0.0055	0	0	-100	100	08/15/2023
Potassium		0.100		**< 0.100**	0.0400	0	0	-100	100	08/15/2023
Sodium		0.0500		**< 0.0500**	0.0180	0	0	-100	100	08/15/2023

Batch 210785 **SampType:** LCS Units **mg/L**
SampID: LCS-210785

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	08/15/2023
Magnesium		0.0500		**2.33**	2.500	0	93.3	85	115	08/15/2023
Potassium		0.100		**2.76**	2.500	0	110.6	85	115	08/15/2023
Sodium		0.0500		**2.56**	2.500	0	102.4	85	115	08/15/2023

Batch 210785 **SampType:** LCSD Units **mg/L** RPD Limit **20**
SampID: LCSD-210785

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Calcium		0.100		**2.54**	2.500	0	101.7	2.582	1.55	08/15/2023
Magnesium		0.0500		**2.34**	2.500	0	93.5	2.332	0.27	08/15/2023
Potassium		0.100		**2.76**	2.500	0	110.3	2.765	0.22	08/15/2023
Sodium		0.0500		**2.56**	2.500	0	102.2	2.559	0.16	08/15/2023

Batch 210785 **SampType:** MS Units **mg/L**
SampID: 23071810-012CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100	S	**87.2**	2.500	83.60	142.0	75	125	08/15/2023
Magnesium		0.0500	S	**42.8**	2.500	39.63	127.9	75	125	08/15/2023
Potassium		0.100		**3.43**	2.500	0.6776	110.0	75	125	08/15/2023
Sodium		0.0500		**42.2**	2.500	39.16	119.6	75	125	08/15/2023

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 23071810

Client Project: COF-23Q3 **Report Date:** 21-Nov-23

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

Batch 210785 **SampType:** MSD Units **mg/L** RPD Limit **20**

SampID: 23071810-012CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Calcium		0.100	S	**87.8**	2.500	83.60	169.2	87.15	0.78	08/15/2023
Magnesium		0.0500	S	**42.8**	2.500	39.63	126.4	42.82	0.09	08/15/2023
Potassium		0.100		**3.44**	2.500	0.6776	110.3	3.429	0.19	08/15/2023
Sodium		0.0500	S	**42.3**	2.500	39.16	125.6	42.15	0.36	08/15/2023

Batch 210785 **SampType:** MS Units **mg/L**

SampID: 23071810-017CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		**69.6**	2.500	67.64	80.0	75	125	08/15/2023
Magnesium		0.0500		**34.6**	2.500	32.47	83.9	75	125	08/15/2023
Potassium		0.100		**3.15**	2.500	0.3994	109.9	75	125	08/15/2023
Sodium		0.0500		**85.2**	2.500	83.10	83.6	75	125	08/15/2023

Batch 210785 **SampType:** MSD Units **mg/L** RPD Limit **20**

SampID: 23071810-017CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Calcium		0.100	S	**69.5**	2.500	67.64	74.0	69.64	0.22	08/15/2023
Magnesium		0.0500		**34.6**	2.500	32.47	83.7	34.57	0.02	08/15/2023
Potassium		0.100		**3.16**	2.500	0.3994	110.6	3.148	0.50	08/15/2023
Sodium		0.0500		**85.2**	2.500	83.10	85.2	85.19	0.05	08/15/2023

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Environmental Laboratory

Quality Control Results

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Client: Ramboll
Work Order: 23071810
Client Project: COF-23Q3
Report Date: 21-Nov-23

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

Batch 210812 **SampType:** MBLK Units **mg/L**
SampID: MBLK-210812

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		0.0250		**< 0.0250**	0.0127	0	0	-100	100	08/15/2023
Antimony		0.0500		**< 0.0500**	0.0068	0	0	-100	100	08/15/2023
Arsenic		0.0250		**< 0.0250**	0.0087	0	0	-100	100	08/15/2023
Barium		0.0025		**< 0.0025**	0.0007	0	0	-100	100	08/15/2023
Beryllium		0.0005		**< 0.0005**	0.0002	0	0	-100	100	08/15/2023
Boron		0.0200		**< 0.0200**	0.0090	0	0	-100	100	08/15/2023
Cadmium		0.0020		**< 0.0020**	0.0005	0	0	-100	100	08/15/2023
Calcium		0.100		**< 0.100**	0.0350	0	0	-100	100	08/15/2023
Chromium		0.0050		**< 0.0050**	0.0028	0	0	-100	100	08/15/2023
Cobalt		0.0050		**< 0.0050**	0.0020	0	0	-100	100	08/15/2023
Copper		0.0050		**< 0.0050**	0.0013	0	0	-100	100	08/15/2023
Iron		0.0400		**< 0.0400**	0.0200	0	0	-100	100	08/15/2023
Lead		0.0150		**< 0.0150**	0.0040	0	0	-100	100	08/15/2023
Magnesium		0.0500		**< 0.0500**	0.0055	0	0	-100	100	08/15/2023
Manganese		0.0070		**< 0.0070**	0.0025	0	0	-100	100	08/15/2023
Molybdenum		0.0100		**< 0.0100**	0.0037	0	0	-100	100	08/15/2023
Nickel		0.0050		**< 0.0050**	0.0016	0	0	-100	100	08/15/2023
Potassium		0.100		**< 0.100**	0.0400	0	0	-100	100	08/15/2023
Selenium		0.0400		**< 0.0400**	0.0170	0	0	-100	100	08/15/2023
Silicon	*	0.0500	JS	**0.031**	0.0122	0	255.7	-100	100	08/15/2023
Silver		0.0070		**< 0.0070**	0.0027	0	0	-100	100	08/15/2023
Sodium		0.0500		**< 0.0500**	0.0180	0	0	-100	100	08/15/2023
Thallium		0.0500		**< 0.0500**	0.0111	0	0	-100	100	08/15/2023
Vanadium		0.0100		**< 0.0100**	0.0009	0	0	-100	100	08/15/2023
Zinc		0.0100		**< 0.0100**	0.0050	0	0	-100	100	08/15/2023

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 23071810
Client Project: COF-23Q3
Report Date: 21-Nov-23

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

Batch 210812 **SampType:** LCS Units **mg/L**
SampID: LCS-210812

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		0.0250		**1.98**	2.000	0	99.2	85	115	08/15/2023
Antimony		0.0500		**0.537**	0.5000	0	107.4	85	115	08/15/2023
Arsenic		0.0250		**0.570**	0.5000	0	114.0	85	115	08/15/2023
Barium		0.0025		**2.11**	2.000	0	105.5	85	115	08/15/2023
Beryllium		0.0005		**0.0526**	0.0500	0	105.2	85	115	08/15/2023
Boron		0.0200		**0.524**	0.5000	0	104.9	85	115	08/15/2023
Cadmium		0.0020		**0.0545**	0.0500	0	109.0	85	115	08/15/2023
Calcium		0.100		**2.63**	2.500	0	105.3	85	115	08/15/2023
Chromium		0.0050		**0.203**	0.2000	0	101.6	85	115	08/15/2023
Cobalt		0.0050		**0.521**	0.5000	0	104.2	85	115	08/15/2023
Copper		0.0050		**0.256**	0.2500	0	102.6	85	115	08/15/2023
Iron		0.0400		**2.08**	2.000	0	104.0	85	115	08/15/2023
Lead		0.0150		**0.523**	0.5000	0	104.5	85	115	08/15/2023
Magnesium		0.0500		**2.49**	2.500	0	99.5	85	115	08/15/2023
Manganese		0.0070		**0.506**	0.5000	0	101.1	85	115	08/15/2023
Molybdenum		0.0100		**0.506**	0.5000	0	101.2	85	115	08/15/2023
Nickel		0.0050		**0.533**	0.5000	0	106.7	85	115	08/15/2023
Potassium		0.100		**2.71**	2.500	0	108.2	85	115	08/15/2023
Selenium		0.0400		**0.536**	0.5000	0	107.2	85	115	08/15/2023
Silicon	*	0.0500	B	**0.518**	0.5000	0	103.6	85	115	08/15/2023
Silver		0.0070		**0.0489**	0.0500	0	97.8	85	115	08/15/2023
Sodium		0.0500		**2.51**	2.500	0	100.3	85	115	08/15/2023
Thallium		0.0500		**0.262**	0.2500	0	104.8	85	115	08/15/2023
Vanadium		0.0100		**0.505**	0.5000	0	101.0	85	115	08/15/2023
Zinc		0.0100		**0.528**	0.5000	0	105.7	85	115	08/15/2023

Batch 210812 **SampType:** MS Units **mg/L**
SampID: 23071810-101CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100	S	**80.7**	2.500	76.79	156.0	75	125	08/15/2023
Magnesium		0.0500		**36.9**	2.500	33.90	119.3	75	125	08/15/2023
Potassium		0.100		**3.03**	2.500	0.2572	111.0	75	125	08/15/2023
Sodium		0.0500		**64.6**	2.500	61.58	119.2	75	125	08/15/2023

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 23071810
Client Project: COF-23Q3
Report Date: 21-Nov-23

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

Batch 210812 **SampType:** MSD Units **mg/L** RPD Limit **20**
SampID: 23071810-101CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Calcium		0.100		**79.8**	2.500	76.79	121.6	80.69	1.07	08/15/2023
Magnesium		0.0500		**36.8**	2.500	33.90	116.9	36.88	0.16	08/15/2023
Potassium		0.100		**3.00**	2.500	0.2572	109.9	3.031	0.87	08/15/2023
Sodium		0.0500		**63.7**	2.500	61.58	85.6	64.56	1.31	08/15/2023

Batch 210813 **SampType:** MBLK Units **mg/L**
SampID: MBLK-210813

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		0.0250		**< 0.0250**	0.0127	0	0	-100	100	08/16/2023
Antimony		0.0500		**< 0.0500**	0.0068	0	0	-100	100	08/16/2023
Arsenic		0.0250		**< 0.0250**	0.0087	0	0	-100	100	08/16/2023
Barium		0.0025		**< 0.0025**	0.0007	0	0	-100	100	08/16/2023
Beryllium		0.0005		**< 0.0005**	0.0002	0	0	-100	100	08/16/2023
Boron		0.0200		**< 0.0200**	0.0090	0	0	-100	100	08/16/2023
Cadmium		0.0020		**< 0.0020**	0.0005	0	0	-100	100	08/16/2023
Calcium		0.100		**< 0.100**	0.0350	0	0	-100	100	08/16/2023
Chromium		0.0050		**< 0.0050**	0.0028	0	0	-100	100	08/16/2023
Cobalt		0.0050		**< 0.0050**	0.0020	0	0	-100	100	08/16/2023
Copper		0.0050		**< 0.0050**	0.0013	0	0	-100	100	08/16/2023
Iron		0.0400		**< 0.0400**	0.0200	0	0	-100	100	08/16/2023
Lead		0.0150		**< 0.0150**	0.0014	0	0	-100	100	08/16/2023
Magnesium		0.0500		**< 0.0500**	0.0055	0	0	-100	100	08/16/2023
Manganese		0.0070		**< 0.0070**	0.0025	0	0	-100	100	08/16/2023
Molybdenum		0.0100		**< 0.0100**	0.0037	0	0	-100	100	08/16/2023
Nickel		0.0050		**< 0.0050**	0.0016	0	0	-100	100	08/16/2023
Potassium		0.100		**< 0.100**	0.0400	0	0	-100	100	08/16/2023
Selenium		0.0400		**< 0.0400**	0.0170	0	0	-100	100	08/16/2023
Silicon	*	0.0500		**< 0.0500**	0.0310	0	0	-100	100	08/16/2023
Silver		0.0070		**< 0.0070**	0.0027	0	0	-100	100	08/16/2023
Sodium		0.0500		**< 0.0500**	0.0180	0	0	-100	100	08/16/2023
Thallium		0.0500		**< 0.0500**	0.0111	0	0	-100	100	08/16/2023
Vanadium		0.0100		**< 0.0100**	0.0009	0	0	-100	100	08/16/2023
Zinc		0.0100		**< 0.0100**	0.0050	0	0	-100	100	08/16/2023

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 23071810
Client Project: COF-23Q3
Report Date: 21-Nov-23

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

Batch 210813 **SampType:** LCS Units **mg/L**
SampID: LCS-210813

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		0.0250		**1.96**	2.000	0	97.9	85	115	08/16/2023
Antimony		0.0500		**0.499**	0.5000	0	99.7	85	115	08/16/2023
Arsenic		0.0250		**0.500**	0.5000	0	100.0	85	115	08/16/2023
Barium		0.0025		**1.98**	2.000	0	99.0	85	115	08/16/2023
Beryllium		0.0005		**0.0492**	0.0500	0	98.4	85	115	08/16/2023
Boron		0.0200		**0.493**	0.5000	0	98.6	85	115	08/16/2023
Cadmium		0.0020		**0.0457**	0.0500	0	91.4	85	115	08/16/2023
Calcium		0.100		**2.61**	2.500	0	104.4	85	115	08/16/2023
Chromium		0.0050		**0.196**	0.2000	0	98.0	85	115	08/16/2023
Cobalt		0.0050		**0.498**	0.5000	0	99.7	85	115	08/16/2023
Copper		0.0050		**0.266**	0.2500	0	106.5	85	115	08/16/2023
Iron		0.0400		**1.96**	2.000	0	97.9	85	115	08/16/2023
Lead		0.0150		**0.478**	0.5000	0	95.6	85	115	08/16/2023
Magnesium		0.0500		**2.32**	2.500	0	92.8	85	115	08/16/2023
Manganese		0.0070		**0.502**	0.5000	0	100.4	85	115	08/16/2023
Molybdenum		0.0100		**0.480**	0.5000	0	96.0	85	115	08/16/2023
Nickel		0.0050		**0.482**	0.5000	0	96.4	85	115	08/16/2023
Potassium		0.100		**2.63**	2.500	0	105.2	85	115	08/16/2023
Selenium		0.0400		**0.476**	0.5000	0	95.3	85	115	08/16/2023
Silicon	*	0.0500		**0.523**	0.5000	0	104.6	85	115	08/16/2023
Silver		0.0070		**0.0500**	0.0500	0	100.0	85	115	08/16/2023
Sodium		0.0500		**2.48**	2.500	0	99.0	85	115	08/16/2023
Thallium		0.0500		**0.237**	0.2500	0	94.9	85	115	08/16/2023
Vanadium		0.0100		**0.482**	0.5000	0	96.4	85	115	08/16/2023
Zinc		0.0100		**0.487**	0.5000	0	97.4	85	115	08/16/2023

Batch 210813 **SampType:** MS Units **mg/L**
SampID: 23071810-082CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100	S	**96.1**	2.500	94.57	61.6	75	125	08/16/2023

Batch 210813 **SampType:** MSD Units **mg/L** RPD Limit **20**
SampID: 23071810-082CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Calcium		0.100	S	**96.0**	2.500	94.57	56.0	96.11	0.15	08/16/2023

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 23071810
Client Project: COF-23Q3
Report Date: 21-Nov-23

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

Batch 210813 **SampType:** MS Units **mg/L**
SampID: 23071810-083CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		**84.6**	2.500	82.71	77.2	75	125	08/16/2023

Batch 210813 **SampType:** MSD Units **mg/L** RPD Limit **20**
SampID: 23071810-083CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Calcium		0.100		**85.1**	2.500	82.71	96.8	84.64	0.58	08/16/2023

Batch 210826 **SampType:** MBLK Units **mg/L**
SampID: MBLK-210826

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	08/16/2023
Copper		0.0050		**< 0.0050**	0.0013	0	0	-100	100	08/16/2023
Magnesium		0.0500		**< 0.0500**	0.0055	0	0	-100	100	08/16/2023
Molybdenum		0.0100		**< 0.0100**	0.0037	0	0	-100	100	08/16/2023
Potassium		0.100		**< 0.100**	0.0400	0	0	-100	100	08/16/2023
Silicon	*	0.0500	JS	**0.029**	0.0122	0	237.7	-100	100	08/16/2023
Sodium		0.0500		**< 0.0500**	0.0180	0	0	-100	100	08/16/2023

Batch 210826 **SampType:** LCS Units **mg/L**
SampID: LCS-210826

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		**2.87**	2.500	0	114.6	85	115	08/16/2023
Copper		0.0050		**0.279**	0.2500	0	111.7	85	115	08/16/2023
Magnesium		0.0500		**2.64**	2.500	0	105.8	85	115	08/16/2023
Molybdenum		0.0100		**0.542**	0.5000	0	108.4	85	115	08/16/2023
Potassium		0.100		**2.78**	2.500	0	111.4	85	115	08/16/2023
Silicon	*	0.0500	B	**0.549**	0.5000	0	109.9	85	115	08/16/2023
Sodium		0.0500		**2.74**	2.500	0	109.8	85	115	08/16/2023

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 23071810
Client Project: COF-23Q3
Report Date: 21-Nov-23

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

Batch 210826 **SampType:** MS Units **mg/L**
SampID: 23071810-105CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		**105**	2.500	103.3	85.2	75	125	08/16/2023
Magnesium		0.0500		**18.0**	2.500	15.47	100.8	75	125	08/16/2023
Potassium		0.500		**19.2**	2.500	16.17	121.8	75	125	08/17/2023
Silicon	*	0.0500	B	**10.8**	0.5000	10.25	115.1	75	125	08/16/2023
Sodium		0.0500		**44.4**	2.500	42.27	83.6	75	125	08/16/2023

Batch 210826 **SampType:** MSD Units **mg/L** RPD Limit **20**
SampID: 23071810-105CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Calcium		0.100	S	**104**	2.500	103.3	41.2	105.4	1.05	08/16/2023
Magnesium		0.0500		**17.8**	2.500	15.47	92.5	17.99	1.17	08/16/2023
Potassium		0.500		**18.9**	2.500	16.17	110.5	19.21	1.49	08/17/2023
Silicon	*	0.0500	B	**10.7**	0.5000	10.25	85.6	10.83	1.37	08/16/2023
Sodium		0.0500	S	**43.8**	2.500	42.27	62.8	44.36	1.18	08/16/2023

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll
Work Order: 23071810
Client Project: COF-23Q3
Report Date: 21-Nov-23

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

Batch 210901 **SampType:** MBLK Units **mg/L**
SampID: MBLK-210901

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		0.0250		**< 0.0250**	0.0127	0	0	-100	100	08/16/2023
Antimony		0.0500		**< 0.0500**	0.0068	0	0	-100	100	08/16/2023
Arsenic		0.0250		**< 0.0250**	0.0087	0	0	-100	100	08/16/2023
Barium		0.0025		**< 0.0025**	0.0007	0	0	-100	100	08/16/2023
Beryllium		0.0005		**< 0.0005**	0.0002	0	0	-100	100	08/16/2023
Boron		0.0200		**< 0.0200**	0.0090	0	0	-100	100	08/16/2023
Cadmium		0.0020		**< 0.0020**	0.0005	0	0	-100	100	08/16/2023
Calcium		0.100		**< 0.100**	0.0350	0	0	-100	100	08/16/2023
Chromium		0.0050		**< 0.0050**	0.0028	0	0	-100	100	08/16/2023
Cobalt		0.0050		**< 0.0050**	0.0020	0	0	-100	100	08/16/2023
Copper		0.0050		**< 0.0050**	0.0013	0	0	-100	100	08/16/2023
Iron		0.0400		**< 0.0400**	0.0200	0	0	-100	100	08/16/2023
Lead		0.0150		**< 0.0150**	0.0014	0	0	-100	100	08/16/2023
Lithium		0.0050		**< 0.0050**	0.0019	0	0	-100	100	08/16/2023
Magnesium		0.0500		**< 0.0500**	0.0055	0	0	-100	100	08/16/2023
Molybdenum		0.0100		**< 0.0100**	0.0037	0	0	-100	100	08/16/2023
Nickel		0.0050		**< 0.0050**	0.0016	0	0	-100	100	08/16/2023
Potassium		0.100		**< 0.100**	0.0400	0	0	-100	100	08/16/2023
Selenium		0.0400		**< 0.0400**	0.0170	0	0	-100	100	08/16/2023
Silicon	*	0.0500		**< 0.0500**	0.0122	0	0	-100	100	08/16/2023
Silver		0.0070		**< 0.0070**	0.0027	0	0	-100	100	08/16/2023
Sodium		0.0500		**< 0.0500**	0.0180	0	0	-100	100	08/16/2023
Thallium		0.0500		**< 0.0500**	0.0111	0	0	-100	100	08/16/2023
Vanadium		0.0100		**< 0.0100**	0.0009	0	0	-100	100	08/16/2023
Zinc		0.0100		**< 0.0100**	0.0050	0	0	-100	100	08/16/2023

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll
Work Order: 23071810
Client Project: COF-23Q3
Report Date: 21-Nov-23

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

Batch 210901 **SampType:** LCS Units **mg/L**
SampID: LCS-210901

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		0.0250		**1.93**	2.000	0	96.4	85	115	08/16/2023
Antimony		0.0500		**0.498**	0.5000	0	99.7	85	115	08/16/2023
Arsenic		0.0250		**0.505**	0.5000	0	100.9	85	115	08/16/2023
Barium		0.0025		**2.00**	2.000	0	100.0	85	115	08/16/2023
Beryllium		0.0005		**0.0487**	0.0500	0	97.4	85	115	08/16/2023
Boron		0.0200		**0.489**	0.5000	0	97.9	85	115	08/16/2023
Cadmium		0.0020		**0.0485**	0.0500	0	97.0	85	115	08/16/2023
Calcium		0.100		**2.62**	2.500	0	104.9	85	115	08/16/2023
Chromium		0.0050		**0.193**	0.2000	0	96.7	85	115	08/16/2023
Cobalt		0.0050		**0.490**	0.5000	0	98.0	85	115	08/16/2023
Copper		0.0050		**0.255**	0.2500	0	102.1	85	115	08/16/2023
Iron		0.0400		**1.94**	2.000	0	97.2	85	115	08/16/2023
Lead		0.0150		**0.482**	0.5000	0	96.4	85	115	08/16/2023
Lithium		0.0050		**0.468**	0.5000	0	93.6	85	115	08/16/2023
Magnesium		0.0500		**2.32**	2.500	0	92.8	85	115	08/16/2023
Molybdenum		0.0100		**0.474**	0.5000	0	94.9	85	115	08/16/2023
Nickel		0.0050		**0.483**	0.5000	0	96.6	85	115	08/16/2023
Potassium		0.100		**2.68**	2.500	0	107.2	85	115	08/16/2023
Selenium		0.0400		**0.486**	0.5000	0	97.2	85	115	08/16/2023
Silicon	*	0.0500		**0.520**	0.5000	0	104.0	85	115	08/16/2023
Silver		0.0070		**0.0513**	0.0500	0	102.6	85	115	08/16/2023
Sodium		0.0500		**2.50**	2.500	0	100.2	85	115	08/16/2023
Thallium		0.0500		**0.243**	0.2500	0	97.1	85	115	08/16/2023
Vanadium		0.0100		**0.487**	0.5000	0	97.4	85	115	08/16/2023
Zinc		0.0100		**0.490**	0.5000	0	98.0	85	115	08/16/2023

Teklab, Inc.
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Quality Control Results

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Client: Ramboll
Work Order: 23071810
Client Project: COF-23Q3
Report Date: 21-Nov-23

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

Batch 210901 **SampType:** MS Units **mg/L**
SampID: 23071810-028CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		0.0250		**1.99**	2.000	0.01430	99.0	75	125	08/16/2023
Arsenic		0.0250		**0.504**	0.5000	0	100.8	75	125	08/16/2023
Barium		0.0025		**2.05**	2.000	0.09890	97.6	75	125	08/16/2023
Beryllium		0.0005		**0.0492**	0.0500	0	98.4	75	125	08/16/2023
Boron		0.0200		**0.499**	0.5000	0	99.9	75	125	08/16/2023
Cadmium		0.0020		**0.0456**	0.0500	0	91.2	75	125	08/16/2023
Chromium		0.0050		**0.196**	0.2000	0	98.2	75	125	08/16/2023
Copper		0.0050		**0.265**	0.2500	0	105.8	75	125	08/16/2023
Iron		0.0400		**1.97**	2.000	0.02400	97.1	75	125	08/16/2023
Lead		0.0150		**0.475**	0.5000	0	95.0	75	125	08/16/2023
Molybdenum		0.0100		**0.490**	0.5000	0	97.9	75	125	08/16/2023
Nickel		0.0050		**0.477**	0.5000	0	95.3	75	125	08/16/2023
Silver		0.0070		**0.0522**	0.0500	0	104.4	75	125	08/16/2023
Zinc		0.0100		**0.491**	0.5000	0	98.2	75	125	08/16/2023

Batch 210901 **SampType:** MSD Units **mg/L** RPD Limit **20**
SampID: 23071810-028CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Aluminum		0.0250		**1.99**	2.000	0.01430	98.7	1.994	0.32	08/16/2023
Arsenic		0.0250		**0.499**	0.5000	0	99.8	0.5040	0.96	08/16/2023
Barium		0.0025		**2.05**	2.000	0.09890	97.6	2.050	0.00	08/16/2023
Beryllium		0.0005		**0.0491**	0.0500	0	98.2	0.04920	0.20	08/16/2023
Boron		0.0200		**0.498**	0.5000	0	99.7	0.4994	0.22	08/16/2023
Cadmium		0.0020		**0.0457**	0.0500	0	91.4	0.04560	0.22	08/16/2023
Chromium		0.0050		**0.195**	0.2000	0	97.5	0.1965	0.82	08/16/2023
Copper		0.0050		**0.263**	0.2500	0	105.2	0.2646	0.61	08/16/2023
Iron		0.0400		**1.96**	2.000	0.02400	96.6	1.966	0.49	08/16/2023
Lead		0.0150		**0.472**	0.5000	0	94.5	0.4748	0.49	08/16/2023
Molybdenum		0.0100		**0.486**	0.5000	0	97.2	0.4896	0.78	08/16/2023
Nickel		0.0050		**0.476**	0.5000	0	95.2	0.4766	0.08	08/16/2023
Silver		0.0070		**0.0521**	0.0500	0	104.2	0.05220	0.19	08/16/2023
Zinc		0.0100		**0.488**	0.5000	0	97.6	0.4908	0.53	08/16/2023

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 23071810
Client Project: COF-23Q3
Report Date: 21-Nov-23

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

Batch 210926 **SampType:** MBLK Units **mg/L**
SampID: MBLK-210926

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		0.0250		**< 0.0250**	0.0127	0	0	-100	100	08/17/2023
Arsenic		0.0250		**< 0.0250**	0.0087	0	0	-100	100	08/17/2023
Barium		0.0025		**< 0.0025**	0.0007	0	0	-100	100	08/17/2023
Beryllium		0.0005		**< 0.0005**	0.0002	0	0	-100	100	08/17/2023
Boron		0.0200		**< 0.0200**	0.0090	0	0	-100	100	08/17/2023
Cadmium		0.0020		**< 0.0020**	0.0005	0	0	-100	100	08/17/2023
Calcium		0.100		**< 0.100**	0.0350	0	0	-100	100	08/17/2023
Calcium		0.100		**< 0.100**	0.0350	0	0	-100	100	08/17/2023
Chromium		0.0050		**< 0.0050**	0.0028	0	0	-100	100	08/17/2023
Iron		0.0400		**< 0.0400**	0.0200	0	0	-100	100	08/17/2023
Lead		0.0150		**< 0.0150**	0.0040	0	0	-100	100	08/17/2023
Magnesium		0.0500		**< 0.0500**	0.0055	0	0	-100	100	08/17/2023
Manganese		0.0070		**< 0.0070**	0.0025	0	0	-100	100	08/17/2023
Molybdenum		0.0100		**< 0.0100**	0.0037	0	0	-100	100	08/17/2023
Potassium		0.100		**< 0.100**	0.0400	0	0	-100	100	08/17/2023
Silicon	*	0.0500		**< 0.0500**	0.0122	0	0	-100	100	08/17/2023
Sodium		0.0500		**< 0.0500**	0.0180	0	0	-100	100	08/17/2023

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 23071810
Client Project: COF-23Q3
Report Date: 21-Nov-23

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

Batch 210926 **SampType:** LCS Units **mg/L**
SampID: LCS-210926

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		0.0250		**1.96**	2.000	0	97.9	85	115	08/17/2023
Arsenic		0.0250		**0.530**	0.5000	0	106.1	85	115	08/17/2023
Barium		0.0025		**2.04**	2.000	0	102.0	85	115	08/17/2023
Beryllium		0.0005		**0.0505**	0.0500	0	101.0	85	115	08/17/2023
Boron		0.0200		**0.507**	0.5000	0	101.3	85	115	08/17/2023
Cadmium		0.0020		**0.0502**	0.0500	0	100.4	85	115	08/17/2023
Calcium		0.100		**2.49**	2.500	0	99.6	85	115	08/17/2023
Calcium		0.100		**2.59**	2.500	0	103.7	85	115	08/17/2023
Chromium		0.0050		**0.200**	0.2000	0	100.2	85	115	08/17/2023
Iron		0.0400		**2.08**	2.000	0	104.0	85	115	08/17/2023
Lead		0.0150		**0.506**	0.5000	0	101.2	85	115	08/17/2023
Magnesium		0.0500		**2.39**	2.500	0	95.6	85	115	08/17/2023
Manganese		0.0070		**0.505**	0.5000	0	101.0	85	115	08/17/2023
Molybdenum		0.0100		**0.495**	0.5000	0	99.1	85	115	08/17/2023
Potassium		0.100		**2.70**	2.500	0	108.1	85	115	08/17/2023
Silicon	*	0.0500		**0.529**	0.5000	0	105.7	85	115	08/17/2023
Sodium		0.0500		**2.53**	2.500	0	101.4	85	115	08/17/2023

Batch 210926 **SampType:** MS Units **mg/L**
SampID: 23071810-052CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100	S	**142**	2.500	140.4	53.2	75	125	08/17/2023
Magnesium		0.0500		**71.3**	2.500	68.89	94.8	75	125	08/17/2023
Potassium		0.100		**4.02**	2.500	1.309	108.6	75	125	08/17/2023
Silicon	*	0.0500		**10.2**	0.5000	9.583	115.1	75	125	08/17/2023
Sodium		0.0500		**57.6**	2.500	55.43	86.4	75	125	08/17/2023

Batch 210926 **SampType:** MSD Units **mg/L** RPD Limit **20**
SampID: 23071810-052CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Calcium		0.100	S	**142**	2.500	140.4	70.8	141.8	0.31	08/17/2023
Magnesium		0.0500		**71.4**	2.500	68.89	100.7	71.26	0.21	08/17/2023
Potassium		0.100		**4.02**	2.500	1.309	108.4	4.024	0.14	08/17/2023
Silicon	*	0.0500		**10.2**	0.5000	9.583	122.0	10.16	0.34	08/17/2023
Sodium		0.0500		**57.7**	2.500	55.43	89.2	57.59	0.12	08/17/2023

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 23071810
Client Project: COF-23Q3
Report Date: 21-Nov-23

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

Batch 211078 **SampType:** MBLK Units **mg/L**
SampID: MBLK-211078

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	08/21/2023
Magnesium		0.0500		**< 0.0500**	0.0055	0	0	-100	100	08/21/2023
Potassium		0.100		**< 0.100**	0.0400	0	0	-100	100	08/21/2023
Sodium		0.0500		**< 0.0500**	0.0180	0	0	-100	100	08/21/2023

Batch 211078 **SampType:** LCS Units **mg/L**
SampID: LCS-211078

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		**2.77**	2.500	0	111.0	85	115	08/21/2023
Magnesium		0.0500		**2.53**	2.500	0	101.2	85	115	08/21/2023
Potassium		0.100		**2.77**	2.500	0	110.7	85	115	08/21/2023
Sodium		0.0500		**2.61**	2.500	0	104.3	85	115	08/21/2023

Batch 211078 **SampType:** LCSD Units **mg/L** RPD Limit **20**
SampID: LCSD-211078

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Calcium		0.100		**2.80**	2.500	0	112.2	2.774	1.10	08/21/2023
Magnesium		0.0500		**2.55**	2.500	0	102.1	2.529	0.91	08/21/2023
Potassium		0.100		**2.79**	2.500	0	111.5	2.767	0.73	08/21/2023
Sodium		0.0500		**2.63**	2.500	0	105.2	2.608	0.84	08/21/2023

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll
Work Order: 23071810
Client Project: COF-23Q3
Report Date: 21-Nov-23

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

Batch 211843 **SampType:** MBLK Units **mg/L**
SampID: MBLK-211843

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		0.0250		**< 0.0250**	0.0127	0	0	-100	100	09/12/2023
Antimony		0.0500		**< 0.0500**	0.0068	0	0	-100	100	09/12/2023
Arsenic		0.0250		**< 0.0250**	0.0087	0	0	-100	100	09/12/2023
Barium		0.0025		**< 0.0025**	0.0007	0	0	-100	100	09/12/2023
Beryllium		0.0005		**< 0.0005**	0.0002	0	0	-100	100	09/12/2023
Boron		0.0200		**< 0.0200**	0.0090	0	0	-100	100	09/12/2023
Cadmium		0.0020		**< 0.0020**	0.0005	0	0	-100	100	09/12/2023
Calcium		0.100		**< 0.100**	0.0350	0	0	-100	100	09/12/2023
Chromium		0.0050		**< 0.0050**	0.0028	0	0	-100	100	09/12/2023
Cobalt		0.0050		**< 0.0050**	0.0020	0	0	-100	100	09/12/2023
Copper		0.0050		**< 0.0050**	0.0013	0	0	-100	100	09/12/2023
Iron		0.0400		**< 0.0400**	0.0200	0	0	-100	100	09/12/2023
Lead		0.0150		**< 0.0150**	0.0014	0	0	-100	100	09/12/2023
Magnesium		0.0500		**< 0.0500**	0.0055	0	0	-100	100	09/12/2023
Manganese		0.0070		**< 0.0070**	0.0025	0	0	-100	100	09/12/2023
Molybdenum		0.0100		**< 0.0100**	0.0037	0	0	-100	100	09/12/2023
Nickel		0.0050		**< 0.0050**	0.0016	0	0	-100	100	09/12/2023
Potassium		0.100		**< 0.100**	0.0400	0	0	-100	100	09/12/2023
Selenium		0.0400		**< 0.0400**	0.0170	0	0	-100	100	09/12/2023
Silver		0.0070		**< 0.0070**	0.0027	0	0	-100	100	09/12/2023
Sodium		0.0500		**< 0.0500**	0.0180	0	0	-100	100	09/12/2023
Thallium		0.0500		**< 0.0500**	0.0111	0	0	-100	100	09/12/2023
Vanadium		0.0100		**< 0.0100**	0.0009	0	0	-100	100	09/12/2023
Zinc		0.0100		**< 0.0100**	0.0050	0	0	-100	100	09/12/2023

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 23071810
Client Project: COF-23Q3
Report Date: 21-Nov-23

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

Batch 211843 **SampType:** LCS Units **mg/L**
SampID: LCS-211843

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		0.0250		**2.01**	2.000	0	100.5	85	115	09/12/2023
Antimony		0.0500		**0.523**	0.5000	0	104.6	85	115	09/12/2023
Arsenic		0.0250		**0.523**	0.5000	0	104.7	85	115	09/12/2023
Barium		0.0025		**2.07**	2.000	0	103.5	85	115	09/12/2023
Beryllium		0.0005		**0.0503**	0.0500	0	100.6	85	115	09/12/2023
Boron		0.0200		**0.499**	0.5000	0	99.9	85	115	09/12/2023
Cadmium		0.0020		**0.0514**	0.0500	0	102.8	85	115	09/12/2023
Calcium		0.100		**2.62**	2.500	0	104.8	85	115	09/12/2023
Chromium		0.0050		**0.200**	0.2000	0	100.1	85	115	09/12/2023
Cobalt		0.0050		**0.501**	0.5000	0	100.2	85	115	09/12/2023
Copper		0.0050		**0.258**	0.2500	0	103.3	85	115	09/12/2023
Iron		0.0400		**2.13**	2.000	0	106.5	85	115	09/12/2023
Lead		0.0150		**0.497**	0.5000	0	99.5	85	115	09/12/2023
Magnesium		0.0500		**2.37**	2.500	0	94.9	85	115	09/12/2023
Manganese		0.0070		**0.500**	0.5000	0	100.0	85	115	09/12/2023
Molybdenum		0.0100		**0.492**	0.5000	0	98.3	85	115	09/12/2023
Nickel		0.0050		**0.503**	0.5000	0	100.5	85	115	09/12/2023
Potassium		0.100		**2.66**	2.500	0	106.4	85	115	09/12/2023
Selenium		0.0400		**0.503**	0.5000	0	100.5	85	115	09/12/2023
Silver		0.0070		**0.0522**	0.0500	0	104.4	85	115	09/12/2023
Sodium		0.0500		**2.58**	2.500	0	103.4	85	115	09/12/2023
Thallium		0.0500		**0.249**	0.2500	0	99.6	85	115	09/12/2023
Vanadium		0.0100		**0.509**	0.5000	0	101.8	85	115	09/12/2023
Zinc		0.0100		**0.502**	0.5000	0	100.4	85	115	09/12/2023

Batch 211883 **SampType:** MBLK Units **mg/L**
SampID: MBLK-211883

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	09/13/2023
Magnesium		0.0500		**< 0.0500**	0.0055	0	0	-100	100	09/13/2023
Potassium		0.100		**< 0.100**	0.0400	0	0	-100	100	09/13/2023
Silicon	*	0.0500	JS	**0.037**	0.0122	0	300.0	-100	100	09/13/2023
Sodium		0.0500		**< 0.0500**	0.0180	0	0	-100	100	09/13/2023

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 23071810
Client Project: COF-23Q3
Report Date: 21-Nov-23

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

Batch 211883 **SampType:** LCS Units **mg/L**
SampID: LCS-211883

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		**2.68**	2.500	0	107.2	85	115	09/13/2023
Magnesium		0.0500		**2.45**	2.500	0	98.1	85	115	09/13/2023
Potassium		0.100		**2.57**	2.500	0	102.9	85	115	09/13/2023
Silicon	*	0.0500	B	**0.512**	0.5000	0	102.4	85	115	09/13/2023
Sodium		0.0500		**2.53**	2.500	0	101.3	85	115	09/13/2023

Batch 212184 **SampType:** MBLK Units **mg/L**
SampID: MBLK-212184

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	09/26/2023
Calcium		0.100		**< 0.100**	0.0350	0	0	-100	100	09/26/2023
Calcium		0.100		**< 0.100**	0.0350	0	0	-100	100	09/20/2023
Lead		0.0150		**< 0.0150**	0.0040	0	0	-100	100	09/20/2023
Lead		0.0150		**< 0.0150**	0.0040	0	0	-100	100	09/25/2023
Lead		0.0150		**< 0.0150**	0.0040	0	0	-100	100	09/26/2023
Lead		0.0150		**< 0.0150**	0.0040	0	0	-100	100	09/26/2023
Magnesium		0.0500		**< 0.0500**	0.0055	0	0	-100	100	09/20/2023
Magnesium		0.0500		**< 0.0500**	0.0055	0	0	-100	100	09/26/2023
Magnesium		0.0500		**< 0.0500**	0.0055	0	0	-100	100	09/26/2023
Potassium		0.100		**< 0.100**	0.0400	0	0	-100	100	09/26/2023
Potassium		0.100		**< 0.100**	0.0400	0	0	-100	100	09/20/2023
Potassium		0.100		**< 0.100**	0.0400	0	0	-100	100	09/26/2023
Silicon	*	0.0500		**< 0.0500**	0.0122	0	0	-100	100	09/20/2023
Sodium		0.0500		**< 0.0500**	0.0180	0	0	-100	100	09/20/2023
Sodium		0.0500		**< 0.0500**	0.0180	0	0	-100	100	09/26/2023
Sodium		0.0500		**< 0.0500**	0.0180	0	0	-100	100	09/26/2023

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 23071810
Client Project: COF-23Q3
Report Date: 21-Nov-23

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

Batch 212184 **SampType:** LCS Units **mg/L**
SampID: LCS-212184

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		**2.59**	2.500	0	103.5	85	115	09/26/2023
Calcium		0.100		**2.53**	2.500	0	101.1	85	115	09/20/2023
Calcium		0.100		**2.54**	2.500	0	101.5	85	115	09/26/2023
Lead		0.0150		**0.498**	0.5000	0	99.6	85	115	09/26/2023
Lead		0.0150		**0.495**	0.5000	0	99.0	85	115	09/20/2023
Lead		0.0150		**0.515**	0.5000	0	103.0	85	115	09/25/2023
Lead		0.0150		**0.492**	0.5000	0	98.5	85	115	09/26/2023
Magnesium		0.0500		**2.40**	2.500	0	96.1	85	115	09/26/2023
Magnesium		0.0500		**2.48**	2.500	0	99.3	85	115	09/20/2023
Magnesium		0.0500		**2.38**	2.500	0	95.3	85	115	09/26/2023
Potassium		0.100		**2.45**	2.500	0	98.0	85	115	09/20/2023
Potassium		0.100		**2.68**	2.500	0	107.2	85	115	09/26/2023
Potassium		0.100		**2.56**	2.500	0	102.3	85	115	09/26/2023
Silicon	*	0.0500		**0.527**	0.5000	0	105.4	85	115	09/26/2023
Sodium		0.0500		**2.52**	2.500	0	100.9	85	115	09/26/2023
Sodium		0.0500		**2.37**	2.500	0	94.7	85	115	09/20/2023
Sodium		0.0500		**2.50**	2.500	0	100.2	85	115	09/26/2023

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 23071810
Client Project: COF-23Q3
Report Date: 21-Nov-23

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

Batch 210784 **SampType:** MBLK Units **mg/L**
SampID: MBLK-210784

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		0.0250		**< 0.0250**	0.0125	0	0	-100	100	09/13/2023
Aluminum		0.0250		**< 0.0250**	0.0125	0	0	-100	100	08/30/2023
Antimony		0.0010		**< 0.0010**	0.0004	0	0	-100	100	08/30/2023
Arsenic		0.0010		**< 0.0010**	0.0004	0	0	-100	100	08/30/2023
Arsenic		0.0010		**< 0.0010**	0.0004	0	0	-100	100	09/13/2023
Barium		0.0010		**< 0.0010**	0.0007	0	0	-100	100	08/30/2023
Barium		0.0010		**< 0.0010**	0.0007	0	0	-100	100	09/13/2023
Beryllium		0.0010		**< 0.0010**	0.0002	0	0	-100	100	08/30/2023
Beryllium		0.0010		**< 0.0010**	0.0002	0	0	-100	100	09/13/2023
Boron		0.0250		**< 0.0250**	0.0093	0	0	-100	100	08/30/2023
Cadmium		0.0010		**< 0.0010**	0.0001	0	0	-100	100	09/13/2023
Cadmium		0.0010		**< 0.0010**	0.0001	0	0	-100	100	08/30/2023
Chromium		0.0015		**< 0.0015**	0.0007	0	0	-100	100	09/13/2023
Chromium		0.0015		**< 0.0015**	0.0007	0	0	-100	100	08/30/2023
Cobalt		0.0010		**< 0.0010**	0.0003	0	0	-100	100	08/30/2023
Copper		0.0010		**< 0.0010**	0.0003	0	0	-100	100	09/11/2023
Iron		0.0250		**< 0.0250**	0.0115	0	0	-100	100	09/13/2023
Iron		0.0250		**< 0.0250**	0.0115	0	0	-100	100	08/30/2023
Lead		0.0010		**< 0.0010**	0.0006	0	0	-100	100	09/13/2023
Lead		0.0010		**< 0.0010**	0.0006	0	0	-100	100	08/30/2023
Manganese		0.0020		**< 0.0020**	0.0008	0	0	-100	100	09/13/2023
Manganese		0.0020		**< 0.0020**	0.0008	0	0	-100	100	08/30/2023
Molybdenum	*	0.0015		**< 0.0015**	0.0006	0	0	-100	100	09/13/2023
Molybdenum	*	0.0015		**< 0.0015**	0.0006	0	0	-100	100	08/30/2023
Nickel		0.0010		**< 0.0010**	0.0004	0	0	-100	100	09/13/2023
Nickel		0.0010		**< 0.0010**	0.0004	0	0	-100	100	08/30/2023
Selenium		0.0010		**< 0.0010**	0.0006	0	0	-100	100	08/30/2023
Silver		0.0010		**< 0.0010**	0.0001	0	0	-100	100	09/13/2023
Silver		0.0010		**< 0.0010**	0.0001	0	0	-100	100	08/30/2023
Thallium		0.0020		**< 0.0020**	0.0010	0	0	-100	100	08/30/2023
Vanadium		0.0050		**< 0.0050**	0.0028	0	0	-100	100	08/30/2023
Zinc		0.0150		**< 0.0150**	0.0059	0	0	-100	100	08/30/2023

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 23071810
Client Project: COF-23Q3
Report Date: 21-Nov-23

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

Batch 210784 **SampType:** LCS Units **mg/L**
SampID: LCS-210784

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		0.0250		**1.89**	2.000	0	94.6	80	120	09/13/2023
Aluminum		0.0250		**1.70**	2.000	0	85.0	80	120	08/30/2023
Antimony		0.0010		**0.469**	0.5000	0	93.9	80	120	08/30/2023
Arsenic		0.0010		**0.517**	0.5000	0	103.5	80	120	09/13/2023
Arsenic		0.0010		**0.505**	0.5000	0	101.0	80	120	08/30/2023
Barium		0.0010		**1.96**	2.000	0	97.9	80	120	08/30/2023
Barium		0.0010		**2.11**	2.000	0	105.4	80	120	09/13/2023
Beryllium		0.0010		**0.0436**	0.0500	0	87.3	80	120	08/30/2023
Beryllium		0.0010		**0.0481**	0.0500	0	96.1	80	120	09/13/2023
Boron		0.0250		**0.455**	0.5000	0	91.0	80	120	08/30/2023
Cadmium		0.0010		**0.0492**	0.0500	0	98.3	80	120	09/13/2023
Cadmium		0.0010		**0.0467**	0.0500	0	93.3	80	120	08/30/2023
Chromium		0.0015		**0.205**	0.2000	0	102.6	80	120	09/13/2023
Chromium		0.0015		**0.193**	0.2000	0	96.5	80	120	08/30/2023
Cobalt		0.0010		**0.493**	0.5000	0	98.6	80	120	08/30/2023
Iron		0.0250		**1.93**	2.000	0	96.5	80	120	08/30/2023
Iron		0.0250		**2.12**	2.000	0	105.8	80	120	09/13/2023
Lead		0.0010		**0.517**	0.5000	0	103.4	80	120	09/13/2023
Lead		0.0010		**0.487**	0.5000	0	97.4	80	120	08/30/2023
Manganese		0.0020		**0.533**	0.5000	0	106.6	80	120	09/13/2023
Manganese		0.0020		**0.480**	0.5000	0	96.0	80	120	08/30/2023
Molybdenum	*	0.0015		**0.477**	0.5000	0	95.4	80	120	09/13/2023
Molybdenum	*	0.0015		**0.480**	0.5000	0	96.1	80	120	08/30/2023
Nickel		0.0010		**0.519**	0.5000	0	103.8	80	120	09/13/2023
Nickel		0.0010		**0.494**	0.5000	0	98.7	80	120	08/30/2023
Selenium		0.0010		**0.453**	0.5000	0	90.6	80	120	08/30/2023
Silver		0.0010		**0.0544**	0.0500	0	108.8	80	120	08/30/2023
Silver		0.0010		**0.0463**	0.0500	0	92.7	80	120	09/13/2023
Thallium		0.0020		**0.232**	0.2500	0	93.0	80	120	08/30/2023
Vanadium		0.0050		**0.472**	0.5000	0	94.4	80	120	08/30/2023
Zinc		0.0150		**0.441**	0.5000	0	88.3	80	120	08/30/2023

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 23071810

Client Project: COF-23Q3 **Report Date:** 21-Nov-23

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

Batch 210784 **SampType:** MS Units **mg/L**

SampID: 23071810-002DMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		0.0250		**1.69**	2.000	0	84.7	75	125	08/30/2023
Antimony		0.0010		**0.469**	0.5000	0	93.9	75	125	08/30/2023
Arsenic		0.0010		**0.518**	0.5000	0	103.5	75	125	08/30/2023
Barium		0.0010		**1.97**	2.000	0.05111	96.2	75	125	08/30/2023
Beryllium		0.0010		**0.0473**	0.0500	0	94.6	75	125	08/30/2023
Boron		0.0250		**0.495**	0.5000	0	99.1	75	125	08/30/2023
Cadmium		0.0010		**0.0451**	0.0500	0	90.2	75	125	08/30/2023
Chromium		0.0015		**0.194**	0.2000	0	96.8	75	125	08/30/2023
Cobalt		0.0010		**0.489**	0.5000	0	97.9	75	125	08/30/2023
Copper		0.0010		**0.248**	0.2500	0.002143	98.2	75	125	08/30/2023
Iron		0.0250		**1.93**	2.000	0.01553	95.6	75	125	08/30/2023
Lead		0.0010		**0.481**	0.5000	0	96.2	75	125	08/30/2023
Manganese		0.0020		**0.480**	0.5000	0.003507	95.3	75	125	08/30/2023
Molybdenum	*	0.0015		**0.487**	0.5000	0	97.3	75	125	08/30/2023
Nickel		0.0010		**0.484**	0.5000	0.001108	96.6	75	125	08/30/2023
Selenium		0.0010		**0.465**	0.5000	0.001678	92.8	75	125	08/30/2023
Silver		0.0010		**0.0519**	0.0500	0	103.9	75	125	08/30/2023
Thallium		0.0020		**0.237**	0.2500	0	94.6	75	125	08/30/2023
Vanadium		0.0050		**0.476**	0.5000	0	95.2	75	125	08/30/2023
Zinc		0.0150		**0.447**	0.5000	0	89.4	75	125	08/30/2023

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 23071810

Client Project: COF-23Q3 **Report Date:** 21-Nov-23

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

Batch 210784 **SampType:** MSD Units **mg/L** RPD Limit **20**

SampID: 23071810-002DMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Aluminum		0.0250		**1.67**	2.000	0	83.5	1.695	1.46	08/30/2023
Antimony		0.0010		**0.461**	0.5000	0	92.2	0.4693	1.75	08/30/2023
Arsenic		0.0010		**0.502**	0.5000	0	100.4	0.5176	3.08	08/30/2023
Barium		0.0010		**1.92**	2.000	0.05111	93.2	1.974	3.03	08/30/2023
Beryllium		0.0010		**0.0455**	0.0500	0	91.0	0.04729	3.83	08/30/2023
Boron		0.0250		**0.495**	0.5000	0	98.9	0.4954	0.15	08/30/2023
Cadmium		0.0010		**0.0447**	0.0500	0	89.5	0.04512	0.87	08/30/2023
Chromium		0.0015		**0.188**	0.2000	0	94.1	0.1936	2.79	08/30/2023
Cobalt		0.0010		**0.477**	0.5000	0	95.5	0.4894	2.50	08/30/2023
Copper		0.0010		**0.242**	0.2500	0.002143	95.8	0.2475	2.36	08/30/2023
Iron		0.0250		**1.91**	2.000	0.01553	94.7	1.927	0.88	08/30/2023
Lead		0.0010		**0.477**	0.5000	0	95.5	0.4812	0.79	08/30/2023
Manganese		0.0020		**0.474**	0.5000	0.003507	94.2	0.4801	1.19	08/30/2023
Molybdenum	*	0.0015		**0.471**	0.5000	0	94.1	0.4866	3.31	08/30/2023
Nickel		0.0010		**0.473**	0.5000	0.001108	94.4	0.4842	2.32	08/30/2023
Selenium		0.0010		**0.446**	0.5000	0.001678	88.9	0.4655	4.24	08/30/2023
Silver		0.0010		**0.0504**	0.0500	0	100.8	0.05195	3.05	08/30/2023
Thallium		0.0020		**0.237**	0.2500	0	94.7	0.2366	0.01	08/30/2023
Vanadium		0.0050		**0.471**	0.5000	0	94.2	0.4760	1.10	08/30/2023
Zinc		0.0150		**0.430**	0.5000	0	86.0	0.4471	3.92	08/30/2023

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 23071810

Client Project: COF-23Q3 **Report Date:** 21-Nov-23

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

Batch 210814 **SampType:** MBLK Units **mg/L**

SampID: MBLK-210814

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		0.0250		**< 0.0250**	0.0125	0	0	-100	100	08/30/2023
Antimony		0.0010		**< 0.0010**	0.0004	0	0	-100	100	08/30/2023
Arsenic		0.0010		**< 0.0010**	0.0004	0	0	-100	100	08/30/2023
Barium		0.0010		**< 0.0010**	0.0007	0	0	-100	100	08/30/2023
Beryllium		0.0010		**< 0.0010**	0.0002	0	0	-100	100	08/30/2023
Boron		0.0250		**< 0.0250**	0.0093	0	0	-100	100	08/30/2023
Cadmium		0.0010		**< 0.0010**	0.0001	0	0	-100	100	08/30/2023
Chromium		0.0015		**< 0.0015**	0.0007	0	0	-100	100	09/11/2023
Cobalt		0.0010		**< 0.0010**	0.0001	0	0	-100	100	08/30/2023
Copper		0.0010		**< 0.0010**	0.0003	0	0	-100	100	09/11/2023
Iron		0.0250		**< 0.0250**	0.0115	0	0	-100	100	08/30/2023
Lead		0.0010		**< 0.0010**	0.0006	0	0	-100	100	08/30/2023
Manganese		0.0020		**< 0.0020**	0.0008	0	0	-100	100	08/30/2023
Molybdenum	*	0.0015		**< 0.0015**	0.0006	0	0	-100	100	08/30/2023
Nickel		0.0010		**< 0.0010**	0.0004	0	0	-100	100	08/30/2023
Selenium		0.0010		**< 0.0010**	0.0006	0	0	-100	100	08/30/2023
Silver		0.0010		**< 0.0010**	0.0001	0	0	-100	100	08/30/2023
Thallium		0.0020		**< 0.0020**	0.0010	0	0	-100	100	08/30/2023
Vanadium		0.0050		**< 0.0050**	0.0028	0	0	-100	100	08/30/2023
Zinc		0.0150		**< 0.0150**	0.0059	0	0	-100	100	08/30/2023

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll
Work Order: 23071810
Client Project: COF-23Q3
Report Date: 21-Nov-23

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

Batch 210814 **SampType:** LCS Units **mg/L**
SampID: LCS-210814

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		0.0250		**1.68**	2.000	0	84.2	80	120	08/30/2023
Antimony		0.0010		**0.454**	0.5000	0	90.8	80	120	08/30/2023
Arsenic		0.0010		**0.504**	0.5000	0	100.9	80	120	08/30/2023
Barium		0.0010		**1.89**	2.000	0	94.6	80	120	08/30/2023
Beryllium		0.0010		**0.0469**	0.0500	0	93.8	80	120	08/30/2023
Boron		0.0250		**0.474**	0.5000	0	94.9	80	120	08/30/2023
Cadmium		0.0010		**0.0458**	0.0500	0	91.5	80	120	08/30/2023
Chromium		0.0015		**0.195**	0.2000	0	97.3	80	120	08/30/2023
Cobalt		0.0010		**0.493**	0.5000	0	98.6	80	120	08/30/2023
Copper		0.0010		**0.257**	0.2500	0	102.7	80	120	08/30/2023
Iron		0.0250		**1.96**	2.000	0	97.8	80	120	08/30/2023
Lead		0.0010		**0.468**	0.5000	0	93.5	80	120	08/30/2023
Manganese		0.0020		**0.489**	0.5000	0	97.8	80	120	08/30/2023
Molybdenum	*	0.0015		**0.467**	0.5000	0	93.3	80	120	08/30/2023
Nickel		0.0010		**0.495**	0.5000	0	99.0	80	120	08/30/2023
Selenium		0.0010		**0.469**	0.5000	0	93.8	80	120	08/30/2023
Silver		0.0010		**0.0530**	0.0500	0	106.1	80	120	08/30/2023
Thallium		0.0020		**0.233**	0.2500	0	93.2	80	120	08/30/2023
Vanadium		0.0050		**0.469**	0.5000	0	93.8	80	120	08/30/2023
Zinc		0.0150		**0.456**	0.5000	0	91.1	80	120	08/30/2023

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll
Work Order: 23071810
Client Project: COF-23Q3
Report Date: 21-Nov-23

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

Batch 210814 **SampType:** MS Units **mg/L**
SampID: 23071810-004DMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		0.0250		**3.10**	4.000	0.01385	77.2	75	125	08/31/2023
Antimony		0.0010		**0.949**	1.000	0	94.9	75	125	08/31/2023
Arsenic		0.0010		**0.906**	1.000	0.002154	90.4	75	125	08/31/2023
Barium		0.0010		**3.70**	4.000	0.09539	90.2	75	125	08/31/2023
Beryllium		0.0010		**0.0866**	0.1000	0	86.6	75	125	08/31/2023
Boron		0.0250		**0.913**	1.000	0.03014	88.3	75	125	08/31/2023
Cadmium		0.0010		**0.0896**	0.1000	0	89.6	75	125	08/31/2023
Chromium		0.0015		**0.349**	0.4000	0	87.2	75	125	08/31/2023
Cobalt		0.0010		**0.994**	1.000	0.0005190	99.4	75	125	08/31/2023
Copper		0.0010		**0.437**	0.5000	0.001017	87.3	75	125	08/31/2023
Iron		0.0250		**3.94**	4.000	0.4055	88.4	75	125	08/31/2023
Lead		0.0010		**0.934**	1.000	0	93.4	75	125	08/31/2023
Manganese		0.0200	S	**1.93**	1.000	1.492	44.3	75	125	09/13/2023
Molybdenum	*	0.0015		**0.920**	1.000	0.0008750	92.0	75	125	08/31/2023
Nickel		0.0010		**0.867**	1.000	0.0007445	86.6	75	125	08/31/2023
Selenium		0.0010		**0.791**	1.000	0	79.1	75	125	08/31/2023
Silver		0.0010		**0.0985**	0.1000	0	98.5	75	125	08/31/2023
Thallium		0.0020		**0.437**	0.5000	0	87.5	75	125	08/31/2023
Vanadium		0.0050		**0.861**	1.000	0	86.1	75	125	08/31/2023
Zinc		0.0150		**0.776**	1.000	0	77.6	75	125	08/31/2023

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 23071810
Client Project: COF-23Q3
Report Date: 21-Nov-23

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

Batch 210814 **SampType:** MSD Units **mg/L** RPD Limit **20**
SampID: 23071810-004DMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Aluminum		0.0250		**3.13**	4.000	0.01385	77.9	3.102	0.87	08/31/2023
Antimony		0.0010		**0.982**	1.000	0	98.2	0.9493	3.37	08/31/2023
Arsenic		0.0010		**0.950**	1.000	0.002154	94.8	0.9061	4.71	08/31/2023
Barium		0.0010		**3.83**	4.000	0.09539	93.2	3.705	3.20	08/31/2023
Beryllium		0.0010		**0.0893**	0.1000	0	89.3	0.08655	3.15	08/31/2023
Boron		0.0250		**0.927**	1.000	0.03014	89.6	0.9129	1.50	08/31/2023
Cadmium		0.0010		**0.0930**	0.1000	0	93.0	0.08958	3.75	08/31/2023
Chromium		0.0015		**0.356**	0.4000	0	88.9	0.3490	1.91	08/31/2023
Cobalt		0.0010		**1.03**	1.000	0.0005190	102.8	0.9940	3.45	08/31/2023
Copper		0.0010		**0.450**	0.5000	0.001017	89.9	0.4373	2.93	08/31/2023
Iron		0.0250		**3.99**	4.000	0.4055	89.5	3.941	1.10	08/31/2023
Lead		0.0010		**0.931**	1.000	0	93.1	0.9340	0.35	08/31/2023
Manganese		0.0200	S	**1.97**	1.000	1.492	47.5	1.935	1.66	09/13/2023
Molybdenum	*	0.0015		**0.957**	1.000	0.0008750	95.6	0.9205	3.89	08/31/2023
Nickel		0.0010		**0.897**	1.000	0.0007445	89.6	0.8669	3.36	08/31/2023
Selenium		0.0010		**0.825**	1.000	0	82.5	0.7913	4.13	08/31/2023
Silver		0.0010		**0.102**	0.1000	0	102.2	0.09849	3.66	08/31/2023
Thallium		0.0020		**0.438**	0.5000	0	87.6	0.4373	0.17	08/31/2023
Vanadium		0.0050		**0.882**	1.000	0	88.2	0.8614	2.30	08/31/2023
Zinc		0.0150		**0.801**	1.000	0	80.1	0.7757	3.15	08/31/2023

Batch 210814 **SampType:** MS Units **mg/L**
SampID: 23071810-016CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		0.0010		**0.506**	0.5000	0	101.2	75	125	08/31/2023
Arsenic		0.0010		**0.491**	0.5000	0	98.2	75	125	08/31/2023
Barium		0.0010		**2.23**	2.000	0.06386	108.2	75	125	09/10/2023
Boron		0.0250		**0.479**	0.5000	0.009340	93.9	75	125	08/31/2023
Cadmium		0.0010		**0.0470**	0.0500	0	94.0	75	125	08/31/2023
Chromium		0.0015		**0.189**	0.2000	0	94.3	75	125	08/31/2023
Cobalt		0.0010		**0.461**	0.5000	0	92.1	75	125	08/31/2023
Lead		0.0010		**0.475**	0.5000	0	95.0	75	125	08/31/2023
Manganese		0.0020		**0.462**	0.5000	0.001600	92.1	75	125	08/31/2023
Zinc		0.0150		**0.470**	0.5000	0	94.1	75	125	08/31/2023

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 23071810
Client Project: COF-23Q3
Report Date: 21-Nov-23

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

Batch **210814** **SampType:** **MSD** Units **mg/L** RPD Limit **20**
SampID: 23071810-016CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Antimony		0.0010		**0.472**	0.5000	0	94.3	0.5058	7.00	08/31/2023
Arsenic		0.0010		**0.454**	0.5000	0	90.8	0.4908	7.77	08/31/2023
Barium		0.0010		**2.26**	2.000	0.06386	109.9	2.228	1.54	09/10/2023
Boron		0.0250		**0.453**	0.5000	0.009340	88.7	0.4791	5.67	08/31/2023
Cadmium		0.0010		**0.0442**	0.0500	0	88.4	0.04699	6.10	08/31/2023
Chromium		0.0015		**0.178**	0.2000	0	88.8	0.1885	6.03	08/31/2023
Cobalt		0.0010		**0.440**	0.5000	0	88.0	0.4607	4.58	08/31/2023
Lead		0.0010		**0.462**	0.5000	0	92.4	0.4751	2.80	08/31/2023
Manganese		0.0020		**0.433**	0.5000	0.001600	86.3	0.4620	6.42	08/31/2023
Zinc		0.0150		**0.434**	0.5000	0	86.7	0.4704	8.14	08/31/2023

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 23071810
Client Project: COF-23Q3
Report Date: 21-Nov-23

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

Batch 210815 **SampType:** MBLK Units **mg/L**
SampID: MBLK-210815

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		0.0250		**< 0.0250**	0.0125	0	0	-100	100	09/13/2023
Aluminum		0.0250		**< 0.0250**	0.0125	0	0	-100	100	08/30/2023
Antimony		0.0010		**< 0.0010**	0.0004	0	0	-100	100	08/30/2023
Arsenic		0.0010		**< 0.0010**	0.0004	0	0	-100	100	08/30/2023
Arsenic		0.0010		**< 0.0010**	0.0004	0	0	-100	100	09/13/2023
Barium		0.0010		**< 0.0010**	0.0007	0	0	-100	100	09/13/2023
Barium		0.0010		**< 0.0010**	0.0007	0	0	-100	100	08/30/2023
Beryllium		0.0010		**< 0.0010**	0.0002	0	0	-100	100	09/13/2023
Beryllium		0.0010		**< 0.0010**	0.0002	0	0	-100	100	08/30/2023
Boron		0.0250		**< 0.0250**	0.0093	0	0	-100	100	08/30/2023
Cadmium		0.0010		**< 0.0010**	0.0001	0	0	-100	100	09/13/2023
Cadmium		0.0010		**< 0.0010**	0.0001	0	0	-100	100	08/30/2023
Chromium		0.0015		**< 0.0015**	0.0007	0	0	-100	100	09/13/2023
Chromium		0.0015		**< 0.0015**	0.0007	0	0	-100	100	08/30/2023
Cobalt		0.0010		**< 0.0010**	0.0001	0	0	-100	100	08/30/2023
Copper		0.0010		**< 0.0010**	0.0003	0	0	-100	100	09/13/2023
Copper		0.0010		**< 0.0010**	0.0003	0	0	-100	100	08/30/2023
Iron		0.0250		**< 0.0250**	0.0115	0	0	-100	100	09/13/2023
Iron		0.0250		**< 0.0250**	0.0115	0	0	-100	100	08/30/2023
Lead		0.0010		**< 0.0010**	0.0006	0	0	-100	100	09/13/2023
Lead		0.0010		**< 0.0010**	0.0006	0	0	-100	100	08/30/2023
Manganese		0.0020		**< 0.0020**	0.0008	0	0	-100	100	09/13/2023
Manganese		0.0020		**< 0.0020**	0.0008	0	0	-100	100	08/30/2023
Molybdenum	*	0.0015		**< 0.0015**	0.0006	0	0	-100	100	09/13/2023
Molybdenum	*	0.0015		**< 0.0015**	0.0006	0	0	-100	100	08/30/2023
Nickel		0.0010		**< 0.0010**	0.0004	0	0	-100	100	09/13/2023
Nickel		0.0010		**< 0.0010**	0.0004	0	0	-100	100	08/30/2023
Selenium		0.0010		**< 0.0010**	0.0006	0	0	-100	100	08/30/2023
Silver		0.0010		**< 0.0010**	0.0001	0	0	-100	100	08/30/2023
Silver		0.0010		**< 0.0010**	0.0001	0	0	-100	100	09/13/2023
Thallium		0.0020		**< 0.0020**	0.0010	0	0	-100	100	08/30/2023
Vanadium		0.0050		**< 0.0050**	0.0028	0	0	-100	100	08/30/2023
Zinc		0.0150		**< 0.0150**	0.0059	0	0	-100	100	08/30/2023

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 23071810
Client Project: COF-23Q3
Report Date: 21-Nov-23

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

Batch 210815 **SampType:** LCS Units **mg/L**
SampID: LCS-210815

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		0.0250		**1.66**	2.000	0	83.1	80	120	08/30/2023
Aluminum		0.0250		**1.81**	2.000	0	90.5	80	120	09/13/2023
Antimony		0.0010		**0.447**	0.5000	0	89.4	80	120	08/30/2023
Arsenic		0.0010		**0.479**	0.5000	0	95.7	80	120	08/30/2023
Arsenic		0.0010		**0.523**	0.5000	0	104.7	80	120	09/13/2023
Barium		0.0010		**1.89**	2.000	0	94.5	80	120	08/30/2023
Barium		0.0010		**2.07**	2.000	0	103.3	80	120	09/13/2023
Beryllium		0.0010		**0.0452**	0.0500	0	90.5	80	120	09/13/2023
Beryllium		0.0010		**0.0421**	0.0500	0	84.2	80	120	08/30/2023
Boron		0.0250		**0.446**	0.5000	0	89.2	80	120	08/30/2023
Cadmium		0.0010		**0.0439**	0.0500	0	87.8	80	120	08/30/2023
Cadmium		0.0010		**0.0472**	0.0500	0	94.4	80	120	09/13/2023
Chromium		0.0015		**0.205**	0.2000	0	102.4	80	120	09/13/2023
Chromium		0.0015		**0.186**	0.2000	0	93.1	80	120	08/30/2023
Cobalt		0.0010		**0.478**	0.5000	0	95.6	80	120	08/30/2023
Copper		0.0010		**0.244**	0.2500	0	97.8	80	120	08/30/2023
Copper		0.0010		**0.259**	0.2500	0	103.6	80	120	09/13/2023
Iron		0.0250		**1.88**	2.000	0	94.2	80	120	08/30/2023
Iron		0.0250		**2.08**	2.000	0	103.9	80	120	09/13/2023
Lead		0.0010		**0.510**	0.5000	0	102.0	80	120	09/13/2023
Lead		0.0010		**0.467**	0.5000	0	93.4	80	120	08/30/2023
Manganese		0.0020		**0.469**	0.5000	0	93.7	80	120	08/30/2023
Manganese		0.0020		**0.522**	0.5000	0	104.3	80	120	09/13/2023
Molybdenum	*	0.0015		**0.476**	0.5000	0	95.3	80	120	09/13/2023
Molybdenum	*	0.0015		**0.451**	0.5000	0	90.2	80	120	08/30/2023
Nickel		0.0010		**0.476**	0.5000	0	95.1	80	120	08/30/2023
Nickel		0.0010		**0.520**	0.5000	0	103.9	80	120	09/13/2023
Selenium		0.0010		**0.433**	0.5000	0	86.7	80	120	08/30/2023
Silver		0.0010		**0.0452**	0.0500	0	90.4	80	120	09/13/2023
Silver		0.0010		**0.0512**	0.0500	0	102.3	80	120	08/30/2023
Thallium		0.0020		**0.228**	0.2500	0	91.4	80	120	08/30/2023
Vanadium		0.0050		**0.461**	0.5000	0	92.1	80	120	08/30/2023
Zinc		0.0150		**0.425**	0.5000	0	85.0	80	120	08/30/2023

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 23071810
Client Project: COF-23Q3
Report Date: 21-Nov-23

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

Batch 210815 **SampType:** MS Units **mg/L**
SampID: 23071810-034DMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		0.0250		**1.68**	2.000	0	84.1	75	125	08/30/2023
Antimony		0.0010		**0.456**	0.5000	0.001644	90.9	75	125	08/30/2023
Arsenic		0.0010		**0.483**	0.5000	0	96.6	75	125	08/30/2023
Barium		0.0010		**1.92**	2.000	0.07190	92.4	75	125	08/30/2023
Beryllium		0.0010		**0.0467**	0.0500	0	93.4	75	125	08/30/2023
Boron		0.0250		**0.481**	0.5000	0	96.2	75	125	08/30/2023
Cadmium		0.0010		**0.0438**	0.0500	0	87.6	75	125	08/30/2023
Chromium		0.0015		**0.186**	0.2000	0	93.0	75	125	08/30/2023
Cobalt		0.0010		**0.469**	0.5000	0	93.8	75	125	08/30/2023
Copper		0.0010		**0.232**	0.2500	0.004065	91.2	75	125	08/30/2023
Iron		0.0250		**1.88**	2.000	0	93.8	75	125	08/30/2023
Lead		0.0010		**0.472**	0.5000	0	94.4	75	125	08/30/2023
Manganese		0.0020		**0.499**	0.5000	0.03745	92.4	75	125	08/30/2023
Molybdenum	*	0.0015		**0.460**	0.5000	0	92.0	75	125	08/30/2023
Nickel		0.0010		**0.460**	0.5000	0	92.0	75	125	08/30/2023
Selenium		0.0010		**0.435**	0.5000	0	86.9	75	125	08/30/2023
Silver		0.0010		**0.0500**	0.0500	0	100.0	75	125	08/30/2023
Thallium		0.0020		**0.235**	0.2500	0	94.2	75	125	08/30/2023
Vanadium		0.0050		**0.462**	0.5000	0	92.3	75	125	08/30/2023
Zinc		0.0150		**0.414**	0.5000	0	82.9	75	125	08/30/2023

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 23071810

Client Project: COF-23Q3 **Report Date:** 21-Nov-23

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

Batch **210815** **SampType:** **MSD** Units **mg/L** RPD Limit **20**

SampID: 23071810-034DMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Aluminum		0.0250		**1.67**	2.000	0	83.6	1.683	0.68	08/30/2023
Antimony		0.0010		**0.458**	0.5000	0.001644	91.2	0.4560	0.41	08/30/2023
Arsenic		0.0010		**0.490**	0.5000	0	97.9	0.4830	1.33	08/30/2023
Barium		0.0010		**1.93**	2.000	0.07190	92.7	1.920	0.37	08/30/2023
Beryllium		0.0010		**0.0463**	0.0500	0	92.7	0.04672	0.81	08/30/2023
Boron		0.0250		**0.484**	0.5000	0	96.7	0.4809	0.55	08/30/2023
Cadmium		0.0010		**0.0447**	0.0500	0	89.3	0.04380	1.94	08/30/2023
Chromium		0.0015		**0.187**	0.2000	0	93.5	0.1860	0.59	08/30/2023
Cobalt		0.0010		**0.470**	0.5000	0	94.0	0.4691	0.17	08/30/2023
Copper		0.0010		**0.238**	0.2500	0.004065	93.6	0.2320	2.55	08/30/2023
Iron		0.0250		**1.88**	2.000	0	93.9	1.876	0.13	08/30/2023
Lead		0.0010		**0.473**	0.5000	0	94.6	0.4720	0.17	08/30/2023
Manganese		0.0020		**0.498**	0.5000	0.03745	92.1	0.4993	0.28	08/30/2023
Molybdenum	*	0.0015		**0.467**	0.5000	0	93.4	0.4598	1.57	08/30/2023
Nickel		0.0010		**0.468**	0.5000	0	93.7	0.4600	1.80	08/30/2023
Selenium		0.0010		**0.441**	0.5000	0	88.3	0.4346	1.53	08/30/2023
Silver		0.0010		**0.0504**	0.0500	0	100.9	0.04999	0.90	08/30/2023
Thallium		0.0020		**0.233**	0.2500	0	93.0	0.2354	1.21	08/30/2023
Vanadium		0.0050		**0.467**	0.5000	0	93.3	0.4617	1.09	08/30/2023
Zinc		0.0150		**0.431**	0.5000	0	86.1	0.4144	3.82	08/30/2023

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll
Work Order: 23071810
Client Project: COF-23Q3
Report Date: 21-Nov-23

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

Batch 210815 **SampType:** MS Units **mg/L**
SampID: 23071810-036DMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		0.0250		**1.60**	2.000	0	79.9	75	125	08/30/2023
Antimony		0.0010		**0.463**	0.5000	0	92.5	75	125	08/30/2023
Arsenic		0.0010		**0.503**	0.5000	0.001345	100.4	75	125	08/30/2023
Barium		0.0010		**1.90**	2.000	0.04878	92.8	75	125	08/30/2023
Beryllium		0.0010		**0.0438**	0.0500	0	87.6	75	125	08/30/2023
Boron		0.0250		**1.45**	0.5000	1.025	85.3	75	125	08/30/2023
Cadmium		0.0010		**0.0445**	0.0500	0	89.0	75	125	08/30/2023
Chromium		0.0015		**0.181**	0.2000	0	90.7	75	125	08/30/2023
Cobalt		0.0010		**0.499**	0.5000	0.03509	92.8	75	125	08/30/2023
Copper		0.0010		**0.228**	0.2500	0.001314	90.8	75	125	08/30/2023
Iron		0.0250		**7.36**	2.000	5.848	75.7	75	125	08/30/2023
Lead		0.0010		**0.483**	0.5000	0	96.7	75	125	08/30/2023
Manganese		0.0020		**0.976**	0.5000	0.5611	83.0	75	125	08/30/2023
Molybdenum	*	0.0015		**0.480**	0.5000	0.001421	95.7	75	125	08/30/2023
Nickel		0.0010		**0.456**	0.5000	0.001943	90.8	75	125	08/30/2023
Selenium		0.0010		**0.449**	0.5000	0	89.8	75	125	08/30/2023
Silver		0.0010		**0.0497**	0.0500	0	99.4	75	125	08/30/2023
Thallium		0.0020		**0.238**	0.2500	0	95.3	75	125	08/30/2023
Vanadium		0.0050		**0.459**	0.5000	0	91.9	75	125	08/30/2023
Zinc		0.0150		**0.413**	0.5000	0	82.6	75	125	08/30/2023

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 23071810

Client Project: COF-23Q3 **Report Date:** 21-Nov-23

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

Batch 210815 **SampType:** MSD Units **mg/L** RPD Limit **20**

SampID: 23071810-036DMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Aluminum		0.0250		**1.60**	2.000	0	80.1	1.598	0.28	08/30/2023
Antimony		0.0010		**0.452**	0.5000	0	90.4	0.4627	2.38	08/30/2023
Arsenic		0.0010		**0.510**	0.5000	0.001345	101.8	0.5032	1.37	08/30/2023
Barium		0.0010		**1.90**	2.000	0.04878	92.3	1.905	0.50	08/30/2023
Beryllium		0.0010		**0.0436**	0.0500	0	87.1	0.04381	0.58	08/30/2023
Boron		0.0250		**1.44**	0.5000	1.025	83.9	1.451	0.50	08/30/2023
Cadmium		0.0010		**0.0433**	0.0500	0	86.6	0.04451	2.80	08/30/2023
Chromium		0.0015		**0.181**	0.2000	0	90.3	0.1814	0.47	08/30/2023
Cobalt		0.0010		**0.502**	0.5000	0.03509	93.5	0.4990	0.67	08/30/2023
Copper		0.0010		**0.229**	0.2500	0.001314	91.2	0.2283	0.45	08/30/2023
Iron		0.0250		**7.46**	2.000	5.848	80.4	7.362	1.27	08/30/2023
Lead		0.0010		**0.470**	0.5000	0	94.1	0.4834	2.72	08/30/2023
Manganese		0.0020		**0.981**	0.5000	0.5611	84.0	0.9762	0.47	08/30/2023
Molybdenum	*	0.0015		**0.479**	0.5000	0.001421	95.6	0.4797	0.05	08/30/2023
Nickel		0.0010		**0.460**	0.5000	0.001943	91.5	0.4560	0.77	08/30/2023
Selenium		0.0010		**0.451**	0.5000	0	90.3	0.4492	0.49	08/30/2023
Silver		0.0010		**0.0485**	0.0500	0	97.1	0.04968	2.30	08/30/2023
Thallium		0.0020		**0.236**	0.2500	0	94.3	0.2382	0.98	08/30/2023
Vanadium		0.0050		**0.460**	0.5000	0	92.0	0.4595	0.11	08/30/2023
Zinc		0.0150		**0.414**	0.5000	0	82.8	0.4131	0.19	08/30/2023

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 23071810

Client Project: COF-23Q3 **Report Date:** 21-Nov-23

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

Batch 210825 **SampType:** MBLK Units **mg/L**

SampID: MBLK-210825

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		0.0250		**< 0.0250**	0.0125	0	0	-100	100	09/10/2023
Aluminum		0.0250	S	**0.0264**	0.0125	0	211.5	-100	100	08/31/2023
Antimony		0.0010		**< 0.0010**	0.0004	0	0	-100	100	08/31/2023
Arsenic		0.0010		**< 0.0010**	0.0004	0	0	-100	100	08/31/2023
Beryllium		0.0010		**< 0.0010**	0.0002	0	0	-100	100	08/31/2023
Boron		0.0250		**< 0.0250**	0.0093	0	0	-100	100	08/31/2023
Cadmium		0.0010		**< 0.0010**	0.0001	0	0	-100	100	08/31/2023
Chromium		0.0015		**< 0.0015**	0.0007	0	0	-100	100	08/31/2023
Cobalt		0.0010		**< 0.0010**	0.0001	0	0	-100	100	08/31/2023
Copper		0.0010		**< 0.0010**	0.0003	0	0	-100	100	08/31/2023
Iron		0.0250		**< 0.0250**	0.0115	0	0	-100	100	08/31/2023
Lead		0.0010		**< 0.0010**	0.0006	0	0	-100	100	08/31/2023
Manganese		0.0020		**< 0.0020**	0.0008	0	0	-100	100	08/31/2023
Molybdenum	*	0.0015		**< 0.0015**	0.0006	0	0	-100	100	08/31/2023
Nickel		0.0010		**< 0.0010**	0.0004	0	0	-100	100	08/31/2023
Selenium		0.0010		**< 0.0010**	0.0006	0	0	-100	100	08/31/2023
Silver		0.0010		**< 0.0010**	0.0001	0	0	-100	100	08/31/2023
Thallium		0.0020		**< 0.0020**	0.0010	0	0	-100	100	08/31/2023
Vanadium		0.0050		**< 0.0050**	0.0028	0	0	-100	100	08/31/2023
Zinc		0.0150		**< 0.0150**	0.0059	0	0	-100	100	08/31/2023

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 23071810
Client Project: COF-23Q3
Report Date: 21-Nov-23

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

Batch 210825 **SampType:** LCS Units **mg/L**
SampID: LCS-210825

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		0.0250	B	**1.90**	2.000	0	95.0	80	120	08/31/2023
Antimony		0.0010		**0.484**	0.5000	0	96.8	80	120	08/31/2023
Arsenic		0.0010		**0.487**	0.5000	0	97.3	80	120	08/31/2023
Barium		0.0010		**2.12**	2.000	0	105.9	80	120	09/10/2023
Beryllium		0.0010		**0.0461**	0.0500	0	92.3	80	120	08/31/2023
Boron		0.0250		**0.486**	0.5000	0	97.3	80	120	08/31/2023
Cadmium		0.0010		**0.0472**	0.0500	0	94.3	80	120	08/31/2023
Chromium		0.0015		**0.193**	0.2000	0	96.4	80	120	08/31/2023
Cobalt		0.0010		**0.480**	0.5000	0	96.1	80	120	08/31/2023
Copper		0.0010		**0.240**	0.2500	0	95.9	80	120	08/31/2023
Iron		0.0250		**1.90**	2.000	0	95.1	80	120	08/31/2023
Lead		0.0010		**0.508**	0.5000	0	101.7	80	120	09/10/2023
Manganese		0.0020		**0.475**	0.5000	0	95.0	80	120	08/31/2023
Molybdenum	*	0.0015		**0.452**	0.5000	0	90.4	80	120	08/31/2023
Nickel		0.0010		**0.479**	0.5000	0	95.8	80	120	08/31/2023
Selenium		0.0010		**0.444**	0.5000	0	88.8	80	120	08/31/2023
Silver		0.0010		**0.0525**	0.0500	0	104.9	80	120	08/31/2023
Thallium		0.0020		**0.231**	0.2500	0	92.5	80	120	08/31/2023
Vanadium		0.0050		**0.481**	0.5000	0	96.3	80	120	08/31/2023
Zinc		0.0150		**0.509**	0.5000	0	101.8	80	120	09/10/2023

Batch 210825 **SampType:** MS Units **mg/L**
SampID: 23071810-082DMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		0.0250		**2.03**	2.000	0.02870	100.2	75	125	09/11/2023
Arsenic		0.0010		**0.519**	0.5000	0.002896	103.3	75	125	09/11/2023
Boron		0.0250		**0.601**	0.5000	0.1410	91.9	75	125	09/11/2023
Copper		0.0010		**0.232**	0.2500	0.001679	91.9	75	125	09/11/2023
Iron		0.0250		**2.87**	2.000	0.8198	102.4	75	125	09/11/2023
Lead		0.0010		**0.544**	0.5000	0	108.9	75	125	09/11/2023
Manganese		0.0020		**4.40**	0.5000	3.878	105.4	75	125	09/11/2023
Nickel		0.0010		**0.477**	0.5000	0.003421	94.7	75	125	09/11/2023
Silver		0.0010		**0.0541**	0.0500	0	108.1	75	125	09/11/2023
Vanadium		0.0050		**0.472**	0.5000	0	94.5	75	125	09/01/2023
Zinc		0.0150		**0.501**	0.5000	0	100.1	75	125	09/11/2023

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 23071810
Client Project: COF-23Q3
Report Date: 21-Nov-23

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

Batch 210825 **SampType:** MSD Units **mg/L** RPD Limit **20**
SampID: 23071810-082DMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Aluminum		0.0250		**2.01**	2.000	0.02870	99.2	2.032	0.96	09/11/2023
Arsenic		0.0010		**0.507**	0.5000	0.002896	100.9	0.5195	2.40	09/11/2023
Boron		0.0250		**0.598**	0.5000	0.1410	91.5	0.6006	0.36	09/11/2023
Copper		0.0010		**0.228**	0.2500	0.001679	90.6	0.2316	1.42	09/11/2023
Iron		0.0250		**2.84**	2.000	0.8198	100.8	2.869	1.18	09/11/2023
Lead		0.0010		**0.538**	0.5000	0	107.5	0.5443	1.21	09/11/2023
Manganese		0.0020		**4.40**	0.5000	3.878	104.7	4.405	0.09	09/11/2023
Nickel		0.0010		**0.474**	0.5000	0.003421	94.2	0.4770	0.59	09/11/2023
Silver		0.0010		**0.0527**	0.0500	0	105.4	0.05405	2.51	09/11/2023
Vanadium		0.0050		**0.454**	0.5000	0	90.7	0.4724	4.07	09/01/2023
Zinc		0.0150		**0.493**	0.5000	0	98.7	0.5006	1.48	09/11/2023

Batch 210902 **SampType:** MBLK Units **mg/L**
SampID: MBLK-210902

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		0.0250		**< 0.0250**	0.0125	0	0	-100	100	09/14/2023
Antimony		0.0010		**< 0.0010**	0.0004	0	0	-100	100	09/01/2023
Arsenic		0.0010		**< 0.0010**	0.0004	0	0	-100	100	09/14/2023
Barium		0.0010		**< 0.0010**	0.0007	0	0	-100	100	09/14/2023
Beryllium		0.0010		**< 0.0010**	0.0002	0	0	-100	100	09/14/2023
Boron		0.0250		**< 0.0250**	0.0093	0	0	-100	100	09/14/2023
Cadmium		0.0010		**< 0.0010**	0.0001	0	0	-100	100	09/14/2023
Chromium		0.0015		**< 0.0015**	0.0007	0	0	-100	100	09/14/2023
Cobalt		0.0010		**< 0.0010**	0.0001	0	0	-100	100	09/01/2023
Copper		0.0010		**< 0.0010**	0.0003	0	0	-100	100	09/14/2023
Iron		0.0250		**< 0.0250**	0.0115	0	0	-100	100	09/14/2023
Lead		0.0010		**< 0.0010**	0.0006	0	0	-100	100	09/14/2023
Manganese		0.0020		**< 0.0020**	0.0008	0	0	-100	100	09/14/2023
Molybdenum	*	0.0015		**< 0.0015**	0.0006	0	0	-100	100	09/14/2023
Nickel		0.0010		**< 0.0010**	0.0004	0	0	-100	100	09/14/2023
Selenium		0.0010		**< 0.0010**	0.0006	0	0	-100	100	09/01/2023
Silver		0.0010		**< 0.0010**	0.0001	0	0	-100	100	09/14/2023
Thallium		0.0020		**< 0.0020**	0.0010	0	0	-100	100	09/01/2023
Vanadium		0.0050		**< 0.0050**	0.0028	0	0	-100	100	09/01/2023
Zinc		0.0150		**< 0.0150**	0.0059	0	0	-100	100	09/14/2023

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll
Work Order: 23071810
Client Project: COF-23Q3
Report Date: 21-Nov-23

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

Batch 210902 **SampType:** LCS Units **mg/L**
SampID: LCS-210902

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		0.0250		**1.94**	2.000	0	96.9	80	120	09/14/2023
Antimony		0.0010		**0.462**	0.5000	0	92.3	80	120	09/01/2023
Arsenic		0.0010		**0.543**	0.5000	0	108.7	80	120	09/14/2023
Arsenic		0.0010		**0.528**	0.5000	0	105.7	80	120	09/14/2023
Barium		0.0010		**2.27**	2.000	0	113.3	80	120	09/14/2023
Beryllium		0.0010		**0.0497**	0.0500	0	99.5	80	120	09/14/2023
Boron		0.0250		**0.475**	0.5000	0	95.0	80	120	09/14/2023
Cadmium		0.0010		**0.0514**	0.0500	0	102.7	80	120	09/14/2023
Chromium		0.0015		**0.209**	0.2000	0	104.5	80	120	09/14/2023
Cobalt		0.0010		**0.486**	0.5000	0	97.2	80	120	09/01/2023
Copper		0.0010		**0.256**	0.2500	0	102.5	80	120	09/14/2023
Iron		0.0250		**2.08**	2.000	0	103.8	80	120	09/14/2023
Lead		0.0010		**0.535**	0.5000	0	106.9	80	120	09/14/2023
Manganese		0.0020		**0.539**	0.5000	0	107.7	80	120	09/14/2023
Molybdenum	*	0.0015		**0.499**	0.5000	0	99.7	80	120	09/14/2023
Nickel		0.0010		**0.510**	0.5000	0	102.0	80	120	09/14/2023
Selenium		0.0010		**0.447**	0.5000	0	89.4	80	120	09/01/2023
Silver		0.0010		**0.0482**	0.0500	0	96.3	80	120	09/14/2023
Thallium		0.0020		**0.231**	0.2500	0	92.3	80	120	09/01/2023
Vanadium		0.0050		**0.462**	0.5000	0	92.4	80	120	09/01/2023
Zinc		0.0150		**0.491**	0.5000	0	98.3	80	120	09/14/2023

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll
Work Order: 23071810
Client Project: COF-23Q3
Report Date: 21-Nov-23

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

Batch 210902 **SampType:** MS Units **mg/L**
SampID: 23071810-028DMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		0.0250		**1.92**	2.000	0.01577	95.2	75	125	09/14/2023
Antimony		0.0010		**0.462**	0.5000	0	92.4	75	125	09/01/2023
Arsenic		0.0010		**0.544**	0.5000	0	108.8	75	125	09/14/2023
Barium		0.0010		**2.28**	2.000	0.1003	108.9	75	125	09/14/2023
Beryllium		0.0010		**0.0492**	0.0500	0	98.4	75	125	09/14/2023
Boron		0.0250		**0.503**	0.5000	0	100.6	75	125	09/14/2023
Cadmium		0.0010		**0.0496**	0.0500	0	99.3	75	125	09/14/2023
Chromium		0.0015		**0.209**	0.2000	0.0009832	103.9	75	125	09/14/2023
Cobalt		0.0010		**0.472**	0.5000	0	94.3	75	125	09/01/2023
Copper		0.0010		**0.256**	0.2500	0.001184	101.9	75	125	09/14/2023
Iron		0.0250		**2.08**	2.000	0.02414	102.7	75	125	09/14/2023
Lead		0.0010		**0.531**	0.5000	0	106.3	75	125	09/14/2023
Manganese		0.0020		**0.544**	0.5000	0.004646	107.8	75	125	09/14/2023
Molybdenum	*	0.0015		**0.500**	0.5000	0.0007224	99.9	75	125	09/14/2023
Nickel		0.0010		**0.509**	0.5000	0.0004698	101.7	75	125	09/14/2023
Selenium		0.0010		**0.456**	0.5000	0.002674	90.7	75	125	09/01/2023
Silver		0.0010		**0.0467**	0.0500	0	93.4	75	125	09/14/2023
Thallium		0.0020		**0.226**	0.2500	0	90.4	75	125	09/01/2023
Vanadium		0.0050		**0.454**	0.5000	0	90.8	75	125	09/01/2023
Zinc		0.0150		**0.487**	0.5000	0	97.4	75	125	09/14/2023

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 23071810

Client Project: COF-23Q3 **Report Date:** 21-Nov-23

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

Batch 210902 **SampType:** MSD Units **mg/L** RPD Limit **20**

SampID: 23071810-028DMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Aluminum		0.0250		**1.85**	2.000	0.01577	91.8	1.920	3.67	09/14/2023
Antimony		0.0010		**0.473**	0.5000	0	94.6	0.4621	2.31	09/01/2023
Arsenic		0.0010		**0.541**	0.5000	0	108.1	0.5438	0.58	09/14/2023
Barium		0.0010		**2.25**	2.000	0.1003	107.6	2.279	1.16	09/14/2023
Beryllium		0.0010		**0.0482**	0.0500	0	96.3	0.04919	2.14	09/14/2023
Boron		0.0250		**0.489**	0.5000	0	97.7	0.5032	2.95	09/14/2023
Cadmium		0.0010		**0.0494**	0.0500	0	98.7	0.04963	0.52	09/14/2023
Chromium		0.0015		**0.204**	0.2000	0.0009832	101.3	0.2087	2.45	09/14/2023
Cobalt		0.0010		**0.444**	0.5000	0	88.9	0.4716	5.97	09/01/2023
Copper		0.0010		**0.248**	0.2500	0.001184	98.7	0.2559	3.20	09/14/2023
Iron		0.0250		**2.03**	2.000	0.02414	100.3	2.078	2.29	09/14/2023
Lead		0.0010		**0.522**	0.5000	0	104.4	0.5314	1.78	09/14/2023
Manganese		0.0020		**0.527**	0.5000	0.004646	104.4	0.5436	3.18	09/14/2023
Molybdenum	*	0.0015		**0.494**	0.5000	0.0007224	98.7	0.5001	1.15	09/14/2023
Nickel		0.0010		**0.495**	0.5000	0.0004698	98.9	0.5092	2.85	09/14/2023
Selenium		0.0010		**0.456**	0.5000	0.002674	90.6	0.4561	0.10	09/01/2023
Silver		0.0010		**0.0462**	0.0500	0	92.4	0.04668	0.99	09/14/2023
Thallium		0.0020		**0.227**	0.2500	0	91.0	0.2261	0.63	09/01/2023
Vanadium		0.0050		**0.453**	0.5000	0	90.7	0.4539	0.11	09/01/2023
Zinc		0.0150		**0.482**	0.5000	0	96.4	0.4869	0.98	09/14/2023

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll
Work Order: 23071810
Client Project: COF-23Q3
Report Date: 21-Nov-23

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

Batch 210902 **SampType:** MS Units **mg/L**
SampID: 23071810-030DMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		0.0250		**1.84**	2.000	0	92.1	75	125	09/14/2023
Antimony		0.0010		**0.469**	0.5000	0	93.8	75	125	09/01/2023
Arsenic		0.0010		**0.527**	0.5000	0	105.4	75	125	09/14/2023
Barium		0.0010		**2.18**	2.000	0.04935	106.7	75	125	09/14/2023
Beryllium		0.0010		**0.0485**	0.0500	0	97.1	75	125	09/14/2023
Boron		0.0250		**0.488**	0.5000	0	97.6	75	125	09/14/2023
Cadmium		0.0010		**0.0496**	0.0500	0	99.2	75	125	09/14/2023
Chromium		0.0015		**0.206**	0.2000	0.0007224	102.6	75	125	09/14/2023
Cobalt		0.0010		**0.417**	0.5000	0	83.3	75	125	09/01/2023
Copper		0.0010		**0.254**	0.2500	0.001428	101.1	75	125	09/14/2023
Iron		0.0250		**2.05**	2.000	0.01838	101.6	75	125	09/14/2023
Lead		0.0010		**0.528**	0.5000	0	105.7	75	125	09/14/2023
Manganese		0.0020		**0.534**	0.5000	0.003166	106.1	75	125	09/14/2023
Molybdenum	*	0.0015		**0.505**	0.5000	0	101.1	75	125	09/14/2023
Nickel		0.0010		**0.504**	0.5000	0	100.8	75	125	09/14/2023
Selenium		0.0010		**0.441**	0.5000	0	88.2	75	125	09/01/2023
Silver		0.0010		**0.0467**	0.0500	0	93.3	75	125	09/14/2023
Thallium		0.0020		**0.226**	0.2500	0	90.4	75	125	09/01/2023
Vanadium		0.0050		**0.447**	0.5000	0	89.4	75	125	09/01/2023
Zinc		0.0150		**0.466**	0.5000	0	93.3	75	125	09/14/2023

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 23071810
Client Project: COF-23Q3
Report Date: 21-Nov-23

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

Batch 210902 **SampType:** MSD Units **mg/L** RPD Limit **20**
SampID: 23071810-030DMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Aluminum		0.0250		**1.81**	2.000	0	90.6	1.842	1.62	09/14/2023
Antimony		0.0010		**0.473**	0.5000	0	94.6	0.4692	0.85	09/01/2023
Arsenic		0.0010		**0.519**	0.5000	0	103.8	0.5268	1.46	09/14/2023
Barium		0.0010		**2.12**	2.000	0.04935	103.5	2.183	2.94	09/14/2023
Beryllium		0.0010		**0.0480**	0.0500	0	96.0	0.04854	1.11	09/14/2023
Boron		0.0250		**0.499**	0.5000	0	99.8	0.4879	2.23	09/14/2023
Cadmium		0.0010		**0.0478**	0.0500	0	95.7	0.04958	3.59	09/14/2023
Chromium		0.0015		**0.202**	0.2000	0.0007224	100.7	0.2059	1.90	09/14/2023
Cobalt		0.0010		**0.415**	0.5000	0	82.9	0.4166	0.46	09/01/2023
Copper		0.0010		**0.241**	0.2500	0.001428	95.9	0.2541	5.26	09/14/2023
Iron		0.0250		**1.98**	2.000	0.01838	98.3	2.051	3.30	09/14/2023
Lead		0.0010		**0.509**	0.5000	0	101.8	0.5284	3.72	09/14/2023
Manganese		0.0020		**0.512**	0.5000	0.003166	101.7	0.5335	4.15	09/14/2023
Molybdenum	*	0.0015		**0.490**	0.5000	0	98.0	0.5054	3.11	09/14/2023
Nickel		0.0010		**0.486**	0.5000	0	97.2	0.5040	3.68	09/14/2023
Selenium		0.0010		**0.438**	0.5000	0	87.7	0.4408	0.58	09/01/2023
Silver		0.0010		**0.0449**	0.0500	0	89.9	0.04667	3.77	09/14/2023
Thallium		0.0020		**0.222**	0.2500	0	88.7	0.2261	1.96	09/01/2023
Vanadium		0.0050		**0.445**	0.5000	0	89.0	0.4468	0.44	09/01/2023
Zinc		0.0150		**0.457**	0.5000	0	91.4	0.4664	2.07	09/14/2023

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll
Work Order: 23071810
Client Project: COF-23Q3
Report Date: 21-Nov-23

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

Batch 210928 **SampType:** MBLK Units **mg/L**
SampID: MBLK-210928

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		0.0250		**< 0.0250**	0.0125	0	0	-100	100	09/08/2023
Antimony		0.0010		**< 0.0010**	0.0004	0	0	-100	100	09/01/2023
Arsenic		0.0010		**< 0.0010**	0.0004	0	0	-100	100	09/08/2023
Barium		0.0010		**< 0.0010**	0.0007	0	0	-100	100	09/08/2023
Beryllium		0.0010		**< 0.0010**	0.0002	0	0	-100	100	09/08/2023
Boron		0.0250		**< 0.0250**	0.0093	0	0	-100	100	09/08/2023
Cadmium		0.0010		**< 0.0010**	0.0001	0	0	-100	100	09/08/2023
Chromium		0.0015		**< 0.0015**	0.0007	0	0	-100	100	09/08/2023
Chromium		0.0015		**< 0.0015**	0.0007	0	0	-100	100	09/08/2023
Cobalt		0.0010		**< 0.0010**	0.0001	0	0	-100	100	09/01/2023
Copper		0.0010		**< 0.0010**	0.0003	0	0	-100	100	09/08/2023
Iron		0.0250		**< 0.0250**	0.0115	0	0	-100	100	09/08/2023
Lead		0.0010		**< 0.0010**	0.0006	0	0	-100	100	09/08/2023
Manganese		0.0020		**< 0.0020**	0.0008	0	0	-100	100	09/08/2023
Molybdenum	*	0.0015		**< 0.0015**	0.0006	0	0	-100	100	09/08/2023
Nickel		0.0010		**< 0.0010**	0.0004	0	0	-100	100	09/08/2023
Selenium		0.0010		**< 0.0010**	0.0006	0	0	-100	100	09/01/2023
Silver		0.0010		**< 0.0010**	0.0001	0	0	-100	100	09/08/2023
Thallium		0.0020		**< 0.0020**	0.0010	0	0	-100	100	09/01/2023
Vanadium		0.0050		**< 0.0050**	0.0028	0	0	-100	100	09/01/2023
Zinc		0.0150		**< 0.0150**	0.0059	0	0	-100	100	09/08/2023

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 23071810
Client Project: COF-23Q3
Report Date: 21-Nov-23

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

Batch 210928 **SampType:** LCS Units **mg/L**
SampID: LCS-210928

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		0.0250		**2.07**	2.000	0	103.3	80	120	09/08/2023
Antimony		0.0010		**0.450**	0.5000	0	90.1	80	120	09/01/2023
Arsenic		0.0010		**0.495**	0.5000	0	99.1	80	120	09/08/2023
Barium		0.0010		**2.33**	2.000	0	116.5	80	120	09/08/2023
Beryllium		0.0010		**0.0461**	0.0500	0	92.3	80	120	09/08/2023
Boron		0.0250		**0.484**	0.5000	0	96.7	80	120	09/08/2023
Cadmium		0.0010		**0.0492**	0.0500	0	98.5	80	120	09/08/2023
Chromium		0.0015		**0.196**	0.2000	0	98.1	80	120	09/08/2023
Cobalt		0.0010		**0.477**	0.5000	0	95.4	80	120	09/01/2023
Copper		0.0010		**0.265**	0.2500	0	106.2	80	120	09/08/2023
Iron		0.0250		**1.98**	2.000	0	98.9	80	120	09/08/2023
Lead		0.0010		**0.503**	0.5000	0	100.6	80	120	09/08/2023
Manganese		0.0020		**0.506**	0.5000	0	101.1	80	120	09/08/2023
Molybdenum	*	0.0015		**0.499**	0.5000	0	99.9	80	120	09/08/2023
Nickel		0.0010		**0.527**	0.5000	0	105.3	80	120	09/08/2023
Selenium		0.0010		**0.443**	0.5000	0	88.6	80	120	09/01/2023
Silver		0.0010		**0.0525**	0.0500	0	105.1	80	120	09/08/2023
Thallium		0.0020		**0.227**	0.2500	0	91.0	80	120	09/01/2023
Vanadium		0.0050		**0.451**	0.5000	0	90.1	80	120	09/01/2023
Zinc		0.0150		**0.413**	0.5000	0	82.6	80	120	09/08/2023

Batch 210928 **SampType:** MS Units **mg/L**
SampID: 23071810-094DMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		0.0250		**1.98**	2.000	0.1910	89.3	75	125	09/13/2023
Iron		0.0250		**2.00**	2.000	0	99.9	75	125	09/13/2023
Manganese		0.0400	S	**6.89**	0.5000	6.769	24.2	75	125	09/13/2023

Batch 210928 **SampType:** MSD Units **mg/L** RPD Limit **20**
SampID: 23071810-094DMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Aluminum		0.0250		**2.00**	2.000	0.1910	90.2	1.977	0.93	09/13/2023
Iron		0.0250		**1.97**	2.000	0	98.7	1.999	1.26	09/13/2023
Manganese		0.0400	S	**7.01**	0.5000	6.769	48.1	6.890	1.71	09/13/2023

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 23071810
Client Project: COF-23Q3
Report Date: 21-Nov-23

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

Batch 210770 **SampType:** MBLK Units **mg/L**
SampID: MBLK-210770

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		0.0250		**< 0.0250**	0.0125	0	0	-100	100	08/22/2023
Antimony		0.0010		**< 0.0010**	0.0004	0	0	-100	100	08/22/2023
Arsenic		0.0010		**< 0.0010**	0.0004	0	0	-100	100	08/23/2023
Barium		0.0010		**< 0.0010**	0.0007	0	0	-100	100	08/22/2023
Beryllium		0.0010		**< 0.0010**	0.0002	0	0	-100	100	08/22/2023
Boron	*	0.0250		**< 0.0250**	0.0093	0	0	-100	100	08/22/2023
Cadmium		0.0010		**< 0.0010**	0.0001	0	0	-100	100	08/22/2023
Chromium		0.0015		**< 0.0015**	0.0007	0	0	-100	100	08/23/2023
Cobalt		0.0010		**< 0.0010**	0.0001	0	0	-100	100	08/23/2023
Copper		0.0010	S	**0.0025**	0.0003	0	837.0	-100	100	08/29/2023
Iron	*	0.0250		**< 0.0250**	0.0115	0	0	-100	100	08/23/2023
Lead		0.0010		**< 0.0010**	0.0006	0	0	-100	100	08/22/2023
Lithium	*	0.0030		**< 0.0030**	0.0015	0	0	-100	100	08/23/2023
Manganese		0.0020		**< 0.0020**	0.0008	0	0	-100	100	08/23/2023
Molybdenum	*	0.0015		**< 0.0015**	0.0006	0	0	-100	100	08/22/2023
Nickel		0.0010		**< 0.0010**	0.0004	0	0	-100	100	08/22/2023
Selenium		0.0010		**< 0.0010**	0.0006	0	0	-100	100	08/22/2023
Silver		0.0010		**< 0.0010**	0.0001	0	0	-100	100	08/22/2023
Thallium		0.0020		**< 0.0020**	0.0010	0	0	-100	100	08/26/2023
Vanadium		0.0050		**< 0.0050**	0.0028	0	0	-100	100	08/23/2023
Zinc		0.0150		**< 0.0150**	0.0059	0	0	-100	100	08/22/2023

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 23071810
Client Project: COF-23Q3
Report Date: 21-Nov-23

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

Batch 210770 **SampType:** LCS Units **mg/L**
SampID: LCS-210770

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		0.0250		**1.92**	2.000	0	96.1	85	115	08/22/2023
Antimony		0.0010		**0.538**	0.5000	0	107.6	85	115	08/22/2023
Arsenic		0.0010		**0.552**	0.5000	0	110.5	85	115	08/23/2023
Barium		0.0010		**2.20**	2.000	0	110.2	85	115	08/22/2023
Beryllium		0.0010		**0.0495**	0.0500	0	99.1	85	115	08/22/2023
Boron	*	0.0250		**0.502**	0.5000	0	100.3	85	115	08/22/2023
Cadmium		0.0010		**0.0521**	0.0500	0	104.2	85	115	08/22/2023
Chromium		0.0015		**0.197**	0.2000	0	98.5	85	115	08/23/2023
Cobalt		0.0010		**0.516**	0.5000	0	103.2	85	115	08/23/2023
Copper		0.0010	B	**0.276**	0.2500	0	110.4	85	115	08/29/2023
Iron	*	0.0250		**1.94**	2.000	0	96.8	85	115	08/23/2023
Lead		0.0010		**0.532**	0.5000	0	106.4	85	115	08/22/2023
Lithium	*	0.0030		**0.469**	0.5000	0	93.9	85	115	08/23/2023
Manganese		0.0020		**0.502**	0.5000	0	100.5	85	115	08/23/2023
Molybdenum	*	0.0015		**0.489**	0.5000	0	97.7	85	115	08/22/2023
Nickel		0.0010		**0.529**	0.5000	0	105.9	85	115	08/22/2023
Selenium		0.0010		**0.524**	0.5000	0	104.8	85	115	08/22/2023
Thallium		0.0020		**0.263**	0.2500	0	105.3	85	115	08/26/2023
Vanadium		0.0050		**0.507**	0.5000	0	101.4	85	115	08/23/2023
Zinc		0.0150		**0.508**	0.5000	0	101.5	85	115	08/22/2023

Batch 210770 **SampType:** MS Units **mg/L**
SampID: 23071810-009CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Boron		0.0250		**0.548**	0.5000	0.01338	106.9	75	125	09/13/2023

Batch 210770 **SampType:** MSD Units **mg/L** RPD Limit **20**
SampID: 23071810-009CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Boron		0.0250		**0.555**	0.5000	0.01338	108.2	0.5478	1.23	09/13/2023

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll **Work Order:** 23071810

Client Project: COF-23Q3 **Report Date:** 21-Nov-23

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

Batch 210785 **SampType:** MBLK Units **mg/L**
SampID: MBLK-210785

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Boron		0.0250		**< 0.0250**	0.0093	0	0	-100	100	09/10/2023
Copper		0.0010		**< 0.0010**	0.0003	0	0	-100	100	08/16/2023
Iron	*	0.0250		**< 0.0250**	0.0115	0	0	-100	100	08/16/2023
Manganese		0.0020		**< 0.0020**	0.0008	0	0	-100	100	08/16/2023

Batch 210785 **SampType:** LCS Units **mg/L**
SampID: LCS-210785

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Boron		0.0250		**0.481**	0.5000	0	96.3	80	120	09/10/2023
Copper		0.0010		**0.274**	0.2500	0	109.4	85	115	08/16/2023
Iron	*	0.0250		**2.08**	2.000	0	104.0	85	115	08/16/2023
Manganese		0.0020		**0.505**	0.5000	0	101.1	85	115	08/16/2023

Batch 210785 **SampType:** LCSD Units **mg/L** RPD Limit **20**
SampID: LCSD-210785

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Boron		0.0250		**0.465**	0.5000	0	92.9	0.4813	3.53	09/11/2023
Copper		0.0010		**0.262**	0.2500	0	104.9	0.2736	4.28	08/16/2023
Iron	*	0.0250		**2.07**	2.000	0	103.3	2.079	0.65	08/16/2023
Manganese		0.0020		**0.499**	0.5000	0	99.7	0.5054	1.35	08/16/2023

Batch 210785 **SampType:** MS Units **mg/L**
SampID: 23071810-012CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Boron		0.0250		**0.483**	0.5000	0	96.6	75	125	09/11/2023

Batch 210785 **SampType:** MSD Units **mg/L** RPD Limit **20**
SampID: 23071810-012CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Boron		0.0250		**0.489**	0.5000	0	97.9	0.4832	1.29	09/11/2023

Batch 210785 **SampType:** MS Units **mg/L**
SampID: 23071810-017CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Boron		0.0250		**0.481**	0.5000	0	96.2	75	125	09/11/2023

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Quality Control Results

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Client: Ramboll
Work Order: 23071810
Client Project: COF-23Q3
Report Date: 21-Nov-23

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

Batch **210785** **SampType:** **MSD** Units **mg/L** RPD Limit **20**
SampID: 23071810-017CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Boron		0.0250		**0.480**	0.5000	0	96.0	0.4808	0.12	09/11/2023

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Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 23071810
Client Project: COF-23Q3
Report Date: 21-Nov-23

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

Batch 210812 **SampType:** MBLK Units **mg/L**
SampID: MBLK-210812

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		0.0250		**< 0.0250**	0.0125	0	0	-100	100	08/30/2023
Antimony		0.0010		**< 0.0010**	0.0004	0	0	-100	100	08/30/2023
Antimony		0.0010		**< 0.0010**	0.0004	0	0	-100	100	08/29/2023
Arsenic		0.0010		**< 0.0010**	0.0004	0	0	-100	100	08/30/2023
Arsenic		0.0010		**< 0.0010**	0.0004	0	0	-100	100	08/29/2023
Barium		0.0010		**< 0.0010**	0.0007	0	0	-100	100	08/30/2023
Beryllium		0.0010		**< 0.0010**	0.0003	0	0	-100	100	08/30/2023
Boron	*	0.0250		**< 0.0250**	0.0093	0	0	-100	100	08/30/2023
Cadmium		0.0010		**< 0.0010**	0.0001	0	0	-100	100	08/29/2023
Cadmium		0.0010		**< 0.0010**	0.0001	0	0	-100	100	08/30/2023
Chromium		0.0015		**< 0.0015**	0.0007	0	0	-100	100	08/29/2023
Chromium		0.0015		**< 0.0015**	0.0007	0	0	-100	100	08/30/2023
Cobalt		0.0010		**< 0.0010**	0.0001	0	0	-100	100	08/30/2023
Copper		0.0010	S	**0.0010**	0.0003	0	345.1	-100	100	08/29/2023
Iron	*	0.0250		**< 0.0250**	0.0115	0	0	-100	100	08/29/2023
Iron	*	0.0250		**< 0.0250**	0.0115	0	0	-100	100	08/30/2023
Lead		0.0010		**< 0.0010**	0.0006	0	0	-100	100	08/29/2023
Lead		0.0010		**< 0.0010**	0.0006	0	0	-100	100	08/30/2023
Lithium	*	0.0030		**< 0.0030**	0.0015	0	0	-100	100	08/30/2023
Manganese		0.0020		**< 0.0020**	0.0008	0	0	-100	100	08/30/2023
Molybdenum	*	0.0015		**< 0.0015**	0.0006	0	0	-100	100	08/29/2023
Molybdenum	*	0.0015		**< 0.0015**	0.0006	0	0	-100	100	08/30/2023
Nickel		0.0010		**< 0.0010**	0.0004	0	0	-100	100	08/29/2023
Nickel		0.0010		**< 0.0010**	0.0004	0	0	-100	100	08/30/2023
Selenium		0.0010		**< 0.0010**	0.0006	0	0	-100	100	08/29/2023
Selenium		0.0010		**< 0.0010**	0.0006	0	0	-100	100	08/30/2023
Silver		0.0010		**< 0.0010**	0.0001	0	0	-100	100	08/29/2023
Silver		0.0010		**< 0.0010**	0.0001	0	0	-100	100	08/30/2023
Thallium		0.0020		**< 0.0020**	0.0010	0	0	-100	100	08/30/2023
Vanadium		0.0050		**< 0.0050**	0.0028	0	0	-100	100	08/29/2023
Vanadium		0.0050		**< 0.0050**	0.0028	0	0	-100	100	08/30/2023
Zinc		0.0150		**< 0.0150**	0.0059	0	0	-100	100	08/29/2023
Zinc		0.0150		**< 0.0150**	0.0059	0	0	-100	100	08/30/2023

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 23071810
Client Project: COF-23Q3
Report Date: 21-Nov-23

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

Batch 210812 **SampType:** LCS Units **mg/L**
SampID: LCS-210812

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		0.0250		**1.80**	2.000	0	90.1	85	115	08/30/2023
Antimony		0.0010		**0.507**	0.5000	0	101.4	85	115	08/30/2023
Antimony		0.0010		**0.516**	0.5000	0	103.3	85	115	08/30/2023
Arsenic		0.0010		**0.528**	0.5000	0	105.6	85	115	08/30/2023
Arsenic		0.0010		**0.532**	0.5000	0	106.5	85	115	08/30/2023
Barium		0.0010		**2.07**	2.000	0	103.5	85	115	08/30/2023
Beryllium		0.0010		**0.0486**	0.0500	0	97.2	85	115	08/30/2023
Boron	*	0.0250		**0.512**	0.5000	0	102.4	85	115	08/30/2023
Cadmium		0.0010		**0.0509**	0.0500	0	101.7	85	115	08/30/2023
Cadmium		0.0010		**0.0498**	0.0500	0	99.6	85	115	08/30/2023
Chromium		0.0015		**0.203**	0.2000	0	101.3	85	115	08/30/2023
Chromium		0.0015		**0.212**	0.2000	0	105.9	85	115	08/30/2023
Cobalt		0.0010		**0.524**	0.5000	0	104.7	85	115	08/30/2023
Copper		0.0010	B	**0.263**	0.2500	0	105.0	85	115	08/30/2023
Iron	*	0.0250		**2.01**	2.000	0	100.6	85	115	08/30/2023
Iron	*	0.0250		**2.09**	2.000	0	104.5	85	115	08/30/2023
Lead		0.0010		**0.475**	0.5000	0	95.0	85	115	08/30/2023
Lead		0.0010		**0.515**	0.5000	0	102.9	85	115	08/30/2023
Lithium	*	0.0030		**0.512**	0.5000	0	102.5	85	115	08/30/2023
Manganese		0.0020		**0.513**	0.5000	0	102.6	85	115	08/30/2023
Molybdenum	*	0.0015		**0.505**	0.5000	0	101.1	85	115	08/30/2023
Molybdenum	*	0.0015		**0.499**	0.5000	0	99.7	85	115	08/30/2023
Nickel		0.0010		**0.531**	0.5000	0	106.2	85	115	08/30/2023
Nickel		0.0010		**0.504**	0.5000	0	100.7	85	115	08/30/2023
Selenium		0.0010		**0.477**	0.5000	0	95.4	85	115	08/30/2023
Selenium		0.0010		**0.491**	0.5000	0	98.1	85	115	08/30/2023
Silver		0.0010	S	**0.0579**	0.0500	0	115.7	85	115	08/30/2023
Thallium		0.0020		**0.251**	0.2500	0	100.6	85	115	08/30/2023
Vanadium		0.0050		**0.512**	0.5000	0	102.5	85	115	08/30/2023
Vanadium		0.0050		**0.507**	0.5000	0	101.4	85	115	08/30/2023
Zinc		0.0150		**0.453**	0.5000	0	90.5	85	115	08/30/2023
Zinc		0.0150		**0.475**	0.5000	0	94.9	85	115	08/30/2023

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll **Work Order:** 23071810

Client Project: COF-23Q3 **Report Date:** 21-Nov-23

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

Batch 210812 **SampType:** MS Units **mg/L**
SampID: 23071810-101CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Boron		0.0250		**0.483**	0.5000	0.01088	94.3	75	125	09/11/2023

Batch 210812 **SampType:** MSD Units **mg/L** RPD Limit **20**
SampID: 23071810-101CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Boron		0.0250		**0.480**	0.5000	0.01088	93.8	0.4825	0.58	09/11/2023

Batch 210813 **SampType:** MBLK Units **mg/L**
SampID: MBLK-210813

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		0.0250		**< 0.0250**	0.0125	0	0	-100	100	08/31/2023
Antimony		0.0010		**< 0.0010**	0.0004	0	0	-100	100	08/31/2023
Arsenic		0.0010		**< 0.0010**	0.0004	0	0	-100	100	08/31/2023
Barium		0.0010		**< 0.0010**	0.0007	0	0	-100	100	09/07/2023
Beryllium		0.0010		**< 0.0010**	0.0002	0	0	-100	100	08/31/2023
Boron		0.0250		**< 0.0250**	0.0093	0	0	-100	100	08/31/2023
Cadmium		0.0010		**< 0.0010**	0.0001	0	0	-100	100	08/31/2023
Chromium		0.0015		**< 0.0015**	0.0007	0	0	-100	100	08/31/2023
Cobalt		0.0010		**< 0.0010**	0.0001	0	0	-100	100	08/31/2023
Copper		0.0010		**< 0.0010**	0.0003	0	0	-100	100	08/31/2023
Iron		0.0250		**< 0.0250**	0.0115	0	0	-100	100	08/31/2023
Lead		0.0010		**< 0.0010**	0.0006	0	0	-100	100	08/31/2023
Lithium	*	0.0030		**< 0.0030**	0.0015	0	0	-100	100	08/31/2023
Manganese		0.0020		**< 0.0020**	0.0008	0	0	-100	100	08/31/2023
Molybdenum	*	0.0015		**< 0.0015**	0.0006	0	0	-100	100	08/31/2023
Nickel		0.0010		**< 0.0010**	0.0004	0	0	-100	100	08/31/2023
Selenium		0.0010		**< 0.0010**	0.0006	0	0	-100	100	08/31/2023
Silver		0.0010		**< 0.0010**	0.0001	0	0	-100	100	08/31/2023
Thallium		0.0020		**< 0.0020**	0.0010	0	0	-100	100	08/31/2023
Vanadium		0.0050		**< 0.0050**	0.0028	0	0	-100	100	08/31/2023
Zinc		0.0150		**< 0.0150**	0.0059	0	0	-100	100	09/07/2023

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll
Work Order: 23071810
Client Project: COF-23Q3
Report Date: 21-Nov-23

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

Batch 210813 **SampType:** LCS Units **mg/L**
SampID: LCS-210813

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		0.0250		**1.99**	2.000	0	99.4	80	120	08/31/2023
Antimony		0.0010		**0.540**	0.5000	0	107.9	80	120	08/31/2023
Arsenic		0.0010		**0.513**	0.5000	0	102.5	80	120	08/31/2023
Barium		0.0010		**2.36**	2.000	0	117.8	80	120	09/07/2023
Beryllium		0.0010		**0.0498**	0.0500	0	99.7	80	120	08/31/2023
Boron		0.0250		**0.510**	0.5000	0	101.9	80	120	08/31/2023
Cadmium		0.0010		**0.0506**	0.0500	0	101.1	80	120	08/31/2023
Chromium		0.0015		**0.199**	0.2000	0	99.7	80	120	08/31/2023
Cobalt		0.0010		**0.495**	0.5000	0	99.1	80	120	08/31/2023
Copper		0.0010		**0.250**	0.2500	0	100.0	80	120	08/31/2023
Iron		0.0250		**1.98**	2.000	0	99.0	80	120	08/31/2023
Lead		0.0010		**0.508**	0.5000	0	101.6	80	120	08/31/2023
Lithium	*	0.0030		**0.519**	0.5000	0	103.9	80	120	08/31/2023
Manganese		0.0020		**0.493**	0.5000	0	98.6	80	120	08/31/2023
Molybdenum	*	0.0015		**0.482**	0.5000	0	96.5	80	120	08/31/2023
Nickel		0.0010		**0.497**	0.5000	0	99.4	80	120	08/31/2023
Selenium		0.0010		**0.467**	0.5000	0	93.5	80	120	08/31/2023
Silver		0.0010		**0.0563**	0.0500	0	112.6	80	120	08/31/2023
Thallium		0.0020		**0.247**	0.2500	0	98.8	80	120	08/31/2023
Vanadium		0.0050		**0.497**	0.5000	0	99.5	80	120	08/31/2023
Zinc		0.0150		**0.421**	0.5000	0	84.2	80	120	09/07/2023

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll **Work Order:** 23071810

Client Project: COF-23Q3 **Report Date:** 21-Nov-23

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

Batch 210813 **SampType:** MS Units **mg/L**

SampID: 23071810-082CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		0.0010		**0.564**	0.5000	0	112.9	75	125	09/01/2023
Arsenic		0.0010		**0.531**	0.5000	0.002037	105.9	75	125	09/01/2023
Beryllium		0.0010		**0.0509**	0.0500	0.0003377	101.0	75	125	09/01/2023
Boron		0.0250		**0.655**	0.5000	0.1486	101.2	75	125	09/01/2023
Cadmium		0.0010		**0.0509**	0.0500	0	101.8	75	125	09/01/2023
Chromium		0.0015		**0.198**	0.2000	0	98.8	75	125	09/01/2023
Cobalt		0.0010		**0.486**	0.5000	0.003099	96.6	75	125	09/01/2023
Lead		0.0010		**0.556**	0.5000	0	111.1	75	125	09/08/2023
Lithium	*	0.0030		**0.535**	0.5000	0.009555	105.0	75	125	09/01/2023
Molybdenum	*	0.0015		**0.493**	0.5000	0	98.6	75	125	09/01/2023
Selenium		0.0010		**0.470**	0.5000	0	94.0	75	125	09/01/2023
Thallium		0.0020		**0.248**	0.2500	0	99.2	75	125	09/01/2023

Batch 210813 **SampType:** MSD Units **mg/L** RPD Limit **20**

SampID: 23071810-082CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Antimony		0.0010		**0.550**	0.5000	0	110.0	0.5643	2.57	09/01/2023
Arsenic		0.0010		**0.535**	0.5000	0.002037	106.6	0.5314	0.74	09/01/2023
Beryllium		0.0010		**0.0515**	0.0500	0.0003377	102.4	0.05086	1.30	09/01/2023
Boron		0.0250		**0.665**	0.5000	0.1486	103.3	0.6546	1.57	09/01/2023
Cadmium		0.0010		**0.0506**	0.0500	0	101.2	0.05088	0.51	09/01/2023
Chromium		0.0015		**0.201**	0.2000	0	100.7	0.1975	1.91	09/01/2023
Cobalt		0.0010		**0.497**	0.5000	0.003099	98.8	0.4863	2.24	09/01/2023
Lead		0.0010		**0.562**	0.5000	0	112.5	0.5557	1.21	09/08/2023
Lithium	*	0.0030		**0.534**	0.5000	0.009555	105.0	0.5346	0.04	09/01/2023
Molybdenum	*	0.0015		**0.499**	0.5000	0	99.7	0.4928	1.18	09/01/2023
Selenium		0.0010		**0.478**	0.5000	0	95.6	0.4700	1.66	09/01/2023
Thallium		0.0020		**0.251**	0.2500	0	100.3	0.2480	1.06	09/01/2023

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 23071810
Client Project: COF-23Q3
Report Date: 21-Nov-23

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

Batch 210813 **SampType:** MS Units **mg/L**
SampID: 23071810-083CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		0.0010		**0.593**	0.5000	0	118.6	75	125	09/01/2023
Arsenic		0.0010		**0.519**	0.5000	0.0004430	103.6	75	125	09/01/2023
Beryllium		0.0010		**0.0544**	0.0500	0	108.7	75	125	09/01/2023
Boron		0.0250		**0.645**	0.5000	0.1544	98.1	75	125	09/01/2023
Cadmium		0.0010		**0.0540**	0.0500	0	107.9	75	125	09/01/2023
Chromium		0.0015		**0.200**	0.2000	0	99.8	75	125	09/01/2023
Cobalt		0.0010		**0.482**	0.5000	0.0005448	96.3	75	125	09/01/2023
Lead		0.0010		**0.554**	0.5000	0	110.8	75	125	09/08/2023
Lithium	*	0.0030		**0.556**	0.5000	0.01277	108.6	75	125	09/01/2023
Molybdenum	*	0.0015		**0.515**	0.5000	0.001624	102.6	75	125	09/01/2023
Selenium		0.0010		**0.465**	0.5000	0.001508	92.7	75	125	09/01/2023
Thallium		0.0020		**0.252**	0.2500	0.001437	100.2	75	125	09/01/2023

Batch 210813 **SampType:** MSD Units **mg/L** RPD Limit **20**
SampID: 23071810-083CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Antimony		0.0010		**0.624**	0.5000	0	124.8	0.5931	5.08	09/01/2023
Arsenic		0.0010		**0.557**	0.5000	0.0004430	111.3	0.5186	7.16	09/01/2023
Beryllium		0.0010		**0.0548**	0.0500	0	109.6	0.05435	0.81	09/01/2023
Boron		0.0250		**0.664**	0.5000	0.1544	101.8	0.6450	2.84	09/01/2023
Cadmium		0.0010		**0.0576**	0.0500	0	115.2	0.05396	6.54	09/01/2023
Chromium		0.0015		**0.206**	0.2000	0	103.0	0.1996	3.17	09/01/2023
Cobalt		0.0010		**0.510**	0.5000	0.0005448	102.0	0.4821	5.70	09/01/2023
Lead		0.0010		**0.559**	0.5000	0	111.8	0.5538	0.90	09/08/2023
Lithium	*	0.0030		**0.560**	0.5000	0.01277	109.5	0.5560	0.74	09/01/2023
Molybdenum	*	0.0015		**0.537**	0.5000	0.001624	107.2	0.5145	4.36	09/01/2023
Selenium		0.0010		**0.495**	0.5000	0.001508	98.6	0.4652	6.11	09/01/2023
Thallium		0.0020		**0.261**	0.2500	0.001437	103.8	0.2520	3.51	09/01/2023

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll
Work Order: 23071810
Client Project: COF-23Q3
Report Date: 21-Nov-23

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

Batch 210826 **SampType:** MBLK Units **mg/L**
SampID: MBLK-210826

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		0.0250		**< 0.0250**	0.0125	0	0	-100	100	09/01/2023
Antimony		0.0010		**< 0.0010**	0.0004	0	0	-100	100	09/01/2023
Arsenic		0.0010		**< 0.0010**	0.0004	0	0	-100	100	09/01/2023
Barium		0.0010		**< 0.0010**	0.0007	0	0	-100	100	09/07/2023
Beryllium		0.0010		**< 0.0010**	0.0002	0	0	-100	100	09/01/2023
Boron		0.0250		**< 0.0250**	0.0093	0	0	-100	100	09/01/2023
Cadmium		0.0010		**< 0.0010**	0.0001	0	0	-100	100	09/01/2023
Chromium		0.0015		**< 0.0015**	0.0007	0	0	-100	100	09/01/2023
Copper		0.0010		**< 0.0010**	0.0003	0	0	-100	100	09/01/2023
Iron		0.0250		**< 0.0250**	0.0115	0	0	-100	100	09/01/2023
Lead		0.0010		**< 0.0010**	0.0006	0	0	-100	100	09/01/2023
Lead		0.0010		**< 0.0010**	0.0006	0	0	-100	100	09/07/2023
Lithium	*	0.0030		**< 0.0030**	0.0015	0	0	-100	100	09/01/2023
Manganese		0.0020		**< 0.0020**	0.0008	0	0	-100	100	09/01/2023
Molybdenum	*	0.0015		**< 0.0015**	0.0006	0	0	-100	100	09/01/2023
Selenium		0.0010		**< 0.0010**	0.0006	0	0	-100	100	09/01/2023
Thallium		0.0020		**< 0.0020**	0.0010	0	0	-100	100	09/01/2023

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll **Work Order:** 23071810

Client Project: COF-23Q3 **Report Date:** 21-Nov-23

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

Batch 210826 **SampType:** LCS Units **mg/L**

SampID: LCS-210826

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		0.0250		**2.07**	2.000	0	103.6	80	120	09/01/2023
Antimony		0.0010		**0.565**	0.5000	0	112.9	80	120	09/01/2023
Arsenic		0.0010		**0.549**	0.5000	0	109.8	80	120	09/01/2023
Barium		0.0010		**2.32**	2.000	0	116.1	80	120	09/08/2023
Beryllium		0.0010		**0.0524**	0.0500	0	104.8	80	120	09/01/2023
Boron		0.0250		**0.525**	0.5000	0	104.9	80	120	09/01/2023
Cadmium		0.0010		**0.0528**	0.0500	0	105.7	80	120	09/01/2023
Chromium		0.0015		**0.205**	0.2000	0	102.7	80	120	09/01/2023
Cobalt		0.0010		**0.511**	0.5000	0	102.1	80	120	09/01/2023
Iron		0.0250		**2.04**	2.000	0	102.0	80	120	09/01/2023
Lead		0.0010		**0.572**	0.5000	0	114.5	80	120	09/07/2023
Lithium	*	0.0030		**0.545**	0.5000	0	109.0	80	120	09/01/2023
Manganese		0.0020		**0.522**	0.5000	0	104.3	80	120	09/01/2023
Molybdenum	*	0.0015		**0.510**	0.5000	0	102.0	80	120	09/01/2023
Selenium		0.0010		**0.497**	0.5000	0	99.4	80	120	09/01/2023
Thallium		0.0020		**0.250**	0.2500	0	100.1	80	120	09/01/2023

Batch 210826 **SampType:** MS Units **mg/L**

SampID: 23071810-105CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		0.0250		**2.18**	2.000	0.1244	102.7	75	125	09/01/2023
Antimony		0.0010		**0.544**	0.5000	0	108.7	75	125	09/01/2023
Arsenic		0.0010		**0.531**	0.5000	0.002203	105.8	75	125	09/01/2023
Barium		0.0010		**2.39**	2.000	0.1183	113.5	75	125	09/08/2023
Beryllium		0.0010		**0.0527**	0.0500	0	105.4	75	125	09/01/2023
Boron		0.0250		**2.48**	0.5000	1.917	111.9	75	125	09/01/2023
Cadmium		0.0010		**0.0508**	0.0500	0	101.5	75	125	09/01/2023
Chromium		0.0015		**0.202**	0.2000	0	101.2	75	125	09/01/2023
Cobalt		0.0010		**0.504**	0.5000	0.0001336	100.7	75	125	09/01/2023
Iron		0.0250		**3.28**	2.000	1.210	103.7	75	125	09/01/2023
Lead		0.0010		**0.575**	0.5000	0	115.0	75	125	09/07/2023
Lithium	*	0.0030		**0.587**	0.5000	0.05368	106.7	75	125	09/01/2023
Manganese		0.0020		**0.592**	0.5000	0.09027	100.4	75	125	09/01/2023
Molybdenum	*	0.0015		**0.517**	0.5000	0.02080	99.3	75	125	09/01/2023
Selenium		0.0010		**0.477**	0.5000	0	95.4	75	125	09/01/2023
Thallium		0.0020		**0.252**	0.2500	0	100.9	75	125	09/01/2023

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 23071810
Client Project: COF-23Q3
Report Date: 21-Nov-23

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

Batch **210826** **SampType:** **MSD** Units **mg/L** RPD Limit **20**
SampID: 23071810-105CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Aluminum		0.0250		**2.13**	2.000	0.1244	100.1	2.178	2.44	09/01/2023
Antimony		0.0010		**0.549**	0.5000	0	109.9	0.5436	1.05	09/01/2023
Arsenic		0.0010		**0.525**	0.5000	0.002203	104.6	0.5313	1.15	09/01/2023
Barium		0.0010		**2.43**	2.000	0.1183	115.7	2.388	1.84	09/08/2023
Beryllium		0.0010		**0.0501**	0.0500	0	100.2	0.05272	5.10	09/01/2023
Boron		0.0250		**2.42**	0.5000	1.917	99.6	2.477	2.52	09/01/2023
Cadmium		0.0010		**0.0513**	0.0500	0	102.6	0.05076	1.02	09/01/2023
Chromium		0.0015		**0.198**	0.2000	0	99.2	0.2025	2.08	09/01/2023
Cobalt		0.0010		**0.492**	0.5000	0.0001336	98.4	0.5036	2.26	09/01/2023
Iron		0.0250		**3.16**	2.000	1.210	97.7	3.284	3.70	09/01/2023
Lead		0.0010		**0.557**	0.5000	0	111.5	0.5750	3.12	09/07/2023
Lithium	*	0.0030		**0.583**	0.5000	0.05368	105.8	0.5874	0.82	09/01/2023
Manganese		0.0020		**0.581**	0.5000	0.09027	98.2	0.5921	1.88	09/01/2023
Molybdenum	*	0.0015		**0.520**	0.5000	0.02080	99.9	0.5172	0.55	09/01/2023
Selenium		0.0010		**0.470**	0.5000	0	94.0	0.4770	1.50	09/01/2023
Thallium		0.0020		**0.254**	0.2500	0	101.7	0.2522	0.86	09/01/2023

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 23071810
Client Project: COF-23Q3
Report Date: 21-Nov-23

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

Batch 210901 **SampType:** MBLK Units **mg/L**
SampID: MBLK-210901

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		0.0250		**< 0.0250**	0.0125	0	0	-100	100	09/01/2023
Antimony		0.0010		**< 0.0010**	0.0004	0	0	-100	100	09/01/2023
Arsenic		0.0010		**< 0.0010**	0.0004	0	0	-100	100	09/01/2023
Barium		0.0010		**< 0.0010**	0.0007	0	0	-100	100	09/07/2023
Beryllium		0.0010		**< 0.0010**	0.0002	0	0	-100	100	09/01/2023
Boron		0.0250		**< 0.0250**	0.0093	0	0	-100	100	09/01/2023
Cadmium		0.0010		**< 0.0010**	0.0001	0	0	-100	100	09/01/2023
Chromium		0.0015		**< 0.0015**	0.0007	0	0	-100	100	09/01/2023
Cobalt		0.0010		**< 0.0010**	0.0001	0	0	-100	100	09/01/2023
Copper		0.0010		**< 0.0010**	0.0003	0	0	-100	100	09/01/2023
Iron		0.0250		**< 0.0250**	0.0115	0	0	-100	100	09/01/2023
Lead		0.0010		**< 0.0010**	0.0006	0	0	-100	100	09/07/2023
Lithium	*	0.0030		**< 0.0030**	0.0015	0	0	-100	100	09/01/2023
Manganese		0.0020	S	**0.0124**	0.0008	0	1659	-100	100	09/01/2023
Molybdenum	*	0.0015		**< 0.0015**	0.0006	0	0	-100	100	09/01/2023
Nickel		0.0010		**< 0.0010**	0.0004	0	0	-100	100	09/01/2023
Selenium		0.0010		**< 0.0010**	0.0006	0	0	-100	100	09/01/2023
Silver		0.0010		**< 0.0010**	0.0001	0	0	-100	100	09/01/2023
Thallium		0.0020		**< 0.0020**	0.0010	0	0	-100	100	09/01/2023
Vanadium		0.0050		**< 0.0050**	0.0028	0	0	-100	100	09/01/2023
Zinc		0.0150		**< 0.0150**	0.0059	0	0	-100	100	09/01/2023

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll
Work Order: 23071810
Client Project: COF-23Q3
Report Date: 21-Nov-23

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

Batch 210901 **SampType:** LCS Units **mg/L**
SampID: LCS-210901

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		0.0250		**2.10**	2.000	0	105.1	80	120	09/01/2023
Antimony		0.0010		**0.563**	0.5000	0	112.6	80	120	09/01/2023
Arsenic		0.0010		**0.522**	0.5000	0	104.3	80	120	09/01/2023
Barium		0.0010		**2.19**	2.000	0	109.6	80	120	09/08/2023
Beryllium		0.0010		**0.0522**	0.0500	0	104.4	80	120	09/01/2023
Boron		0.0250		**0.520**	0.5000	0	103.9	80	120	09/01/2023
Cadmium		0.0010		**0.0521**	0.0500	0	104.3	80	120	09/01/2023
Chromium		0.0015		**0.202**	0.2000	0	101.2	80	120	09/01/2023
Cobalt		0.0010		**0.501**	0.5000	0	100.2	80	120	09/01/2023
Copper		0.0010		**0.245**	0.2500	0	98.0	80	120	09/01/2023
Iron		0.0250		**2.00**	2.000	0	100.0	80	120	09/01/2023
Lead		0.0010		**0.514**	0.5000	0	102.8	80	120	09/07/2023
Lithium	*	0.0030		**0.540**	0.5000	0	108.0	80	120	09/01/2023
Manganese		0.0020	B	**0.504**	0.5000	0	100.9	80	120	09/01/2023
Manganese		0.0020	B	**0.519**	0.5000	0	103.8	80	120	09/08/2023
Molybdenum	*	0.0015		**0.485**	0.5000	0	97.0	80	120	09/01/2023
Nickel		0.0010		**0.497**	0.5000	0	99.5	80	120	09/01/2023
Selenium		0.0010		**0.468**	0.5000	0	93.5	80	120	09/01/2023
Silver		0.0010		**0.0561**	0.0500	0	112.1	80	120	09/01/2023
Thallium		0.0020		**0.251**	0.2500	0	100.3	80	120	09/01/2023
Vanadium		0.0050		**0.513**	0.5000	0	102.7	80	120	09/01/2023
Zinc		0.0150		**0.505**	0.5000	0	101.0	80	120	09/01/2023

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll
Work Order: 23071810
Client Project: COF-23Q3
Report Date: 21-Nov-23

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

Batch 210901 **SampType:** MS Units **mg/L**
SampID: 23071810-028CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		0.0250		**2.13**	2.000	0.01360	105.7	75	125	09/01/2023
Antimony		0.0010		**0.558**	0.5000	0	111.5	75	125	09/01/2023
Arsenic		0.0010		**0.533**	0.5000	0	106.7	75	125	09/01/2023
Beryllium		0.0010		**0.0540**	0.0500	0	107.9	75	125	09/01/2023
Boron		0.0250		**0.552**	0.5000	0.01171	108.0	75	125	09/01/2023
Cadmium		0.0010		**0.0519**	0.0500	0	103.7	75	125	09/01/2023
Chromium		0.0015		**0.205**	0.2000	0.0008107	102.2	75	125	09/01/2023
Cobalt		0.0010		**0.513**	0.5000	0	102.7	75	125	09/01/2023
Copper		0.0010		**0.250**	0.2500	0.001259	99.5	75	125	09/01/2023
Iron		0.0250		**2.08**	2.000	0.04023	101.9	75	125	09/01/2023
Lead		0.0010		**0.539**	0.5000	0	107.8	75	125	09/07/2023
Molybdenum	*	0.0015		**0.511**	0.5000	0.0007056	102.1	75	125	09/01/2023
Nickel		0.0010		**0.507**	0.5000	0.0004437	101.3	75	125	09/01/2023
Selenium		0.0010		**0.482**	0.5000	0.002385	95.9	75	125	09/01/2023
Silver		0.0010		**0.0570**	0.0500	0	113.9	75	125	09/01/2023
Thallium		0.0020		**0.253**	0.2500	0	101.2	75	125	09/01/2023
Vanadium		0.0050		**0.515**	0.5000	0	103.0	75	125	09/01/2023
Zinc		0.0150		**0.519**	0.5000	0	103.8	75	125	09/01/2023

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 23071810
Client Project: COF-23Q3
Report Date: 21-Nov-23

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

Batch 210901 **SampType:** MSD Units **mg/L** RPD Limit **20**
SampID: 23071810-028CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Aluminum		0.0250		**2.07**	2.000	0.01360	103.0	2.127	2.49	09/01/2023
Antimony		0.0010		**0.552**	0.5000	0	110.3	0.5576	1.07	09/01/2023
Arsenic		0.0010		**0.525**	0.5000	0	105.0	0.5333	1.59	09/01/2023
Beryllium		0.0010		**0.0527**	0.0500	0	105.4	0.05397	2.37	09/01/2023
Boron		0.0250		**0.536**	0.5000	0.01171	104.9	0.5515	2.81	09/01/2023
Cadmium		0.0010		**0.0519**	0.0500	0	103.8	0.05187	0.06	09/01/2023
Chromium		0.0015		**0.201**	0.2000	0.0008107	100.3	0.2051	1.86	09/01/2023
Cobalt		0.0010		**0.503**	0.5000	0	100.6	0.5133	2.02	09/01/2023
Copper		0.0010		**0.245**	0.2500	0.001259	97.3	0.2499	2.14	09/01/2023
Iron		0.0250		**2.06**	2.000	0.04023	101.1	2.079	0.79	09/01/2023
Lead		0.0010		**0.537**	0.5000	0	107.3	0.5391	0.45	09/07/2023
Molybdenum	*	0.0015		**0.495**	0.5000	0.0007056	98.9	0.5110	3.14	09/01/2023
Nickel		0.0010		**0.489**	0.5000	0.0004437	97.8	0.5070	3.54	09/01/2023
Selenium		0.0010		**0.478**	0.5000	0.002385	95.1	0.4820	0.84	09/01/2023
Silver		0.0010		**0.0562**	0.0500	0	112.4	0.05697	1.38	09/01/2023
Thallium		0.0020		**0.255**	0.2500	0	102.1	0.2530	0.86	09/01/2023
Vanadium		0.0050		**0.512**	0.5000	0	102.4	0.5150	0.59	09/01/2023
Zinc		0.0150		**0.518**	0.5000	0	103.5	0.5192	0.29	09/01/2023

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 23071810
Client Project: COF-23Q3
Report Date: 21-Nov-23

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

Batch 210926 **SampType:** MBLK Units **mg/L**
SampID: MBLK-210926

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		0.0250		**< 0.0250**	0.0125	0	0	-100	100	09/10/2023
Antimony		0.0010		**< 0.0010**	0.0008	0	0	-100	100	08/30/2023
Arsenic		0.0010		**< 0.0010**	0.0004	0	0	-100	100	09/10/2023
Barium		0.0010		**< 0.0010**	0.0007	0	0	-100	100	09/10/2023
Beryllium		0.0010		**< 0.0010**	0.0002	0	0	-100	100	09/10/2023
Boron		0.0250		**< 0.0250**	0.0093	0	0	-100	100	09/10/2023
Cadmium		0.0010		**< 0.0010**	0.0001	0	0	-100	100	09/10/2023
Chromium		0.0015		**< 0.0015**	0.0007	0	0	-100	100	09/10/2023
Cobalt		0.0010		**< 0.0010**	0.0001	0	0	-100	100	08/30/2023
Iron		0.0250		**< 0.0250**	0.0115	0	0	-100	100	09/10/2023
Lead		0.0010		**< 0.0010**	0.0006	0	0	-100	100	09/10/2023
Lithium	*	0.0030		**< 0.0030**	0.0015	0	0	-100	100	08/30/2023
Manganese		0.0020		**< 0.0020**	0.0008	0	0	-100	100	09/10/2023
Molybdenum	*	0.0015		**< 0.0015**	0.0006	0	0	-100	100	09/11/2023
Selenium		0.0010		**< 0.0010**	0.0006	0	0	-100	100	08/30/2023
Thallium		0.0020		**< 0.0020**	0.0010	0	0	-100	100	08/30/2023
Vanadium		0.0050		**< 0.0050**	0.0028	0	0	-100	100	08/30/2023

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 23071810
Client Project: COF-23Q3
Report Date: 21-Nov-23

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

Batch 210926 **SampType:** LCS Units **mg/L**
SampID: LCS-210926

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		0.0250		**1.90**	2.000	0	95.2	80	120	09/13/2023
Antimony		0.0010		**0.502**	0.5000	0	100.3	80	120	08/30/2023
Arsenic		0.0010		**0.554**	0.5000	0	110.9	80	120	09/13/2023
Barium		0.0010		**2.24**	2.000	0	112.1	80	120	09/13/2023
Beryllium		0.0010		**0.0468**	0.0500	0	93.6	80	120	09/13/2023
Boron		0.0250		**0.595**	0.5000	0	119.0	80	120	09/10/2023
Cadmium		0.0010		**0.0517**	0.0500	0	103.4	80	120	09/13/2023
Chromium		0.0015		**0.216**	0.2000	0	107.8	80	120	09/13/2023
Cobalt		0.0010		**0.568**	0.5000	0	113.5	80	120	08/30/2023
Iron		0.0250		**2.17**	2.000	0	108.5	80	120	09/13/2023
Lithium	*	0.0030		**0.505**	0.5000	0	101.1	80	120	08/31/2023
Manganese		0.0020		**0.555**	0.5000	0	111.0	80	120	09/13/2023
Molybdenum	*	0.0015		**0.517**	0.5000	0	103.3	80	120	09/13/2023
Selenium		0.0010		**0.480**	0.5000	0	96.0	80	120	08/30/2023
Thallium		0.0020		**0.255**	0.2500	0	102.0	80	120	08/30/2023
Vanadium		0.0050		**0.500**	0.5000	0	100.0	80	120	08/30/2023

Batch 210926 **SampType:** MS Units **mg/L**
SampID: 23071810-052CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		0.0250		**1.98**	2.000	0.04995	96.4	75	125	09/13/2023
Antimony		0.0010		**0.502**	0.5000	0	100.5	75	125	08/30/2023
Arsenic		0.0010		**0.555**	0.5000	0	110.9	75	125	09/13/2023
Barium		0.0010		**2.41**	2.000	0.1742	111.8	75	125	09/13/2023
Beryllium		0.0010		**0.0508**	0.0500	0	101.5	75	125	09/13/2023
Boron		0.0250		**0.577**	0.5000	0.05451	104.4	75	125	09/11/2023
Cadmium		0.0010		**0.0506**	0.0500	0	101.3	75	125	09/13/2023
Chromium		0.0015		**0.210**	0.2000	0	105.1	75	125	09/13/2023
Cobalt		0.0010		**0.472**	0.5000	0	94.5	75	125	08/30/2023
Iron		0.0250		**4.77**	2.000	2.658	105.5	75	125	09/13/2023
Lead		0.0010		**0.535**	0.5000	0	106.9	75	125	09/13/2023
Lithium	*	0.0030		**0.547**	0.5000	0.01019	107.4	75	125	08/31/2023
Manganese		0.0020		**0.752**	0.5000	0.1774	114.9	75	125	09/13/2023
Molybdenum	*	0.0015		**0.526**	0.5000	0.001671	104.8	75	125	09/13/2023
Selenium		0.0010		**0.456**	0.5000	0	91.3	75	125	08/30/2023
Thallium		0.0020		**0.253**	0.2500	0	101.1	75	125	08/30/2023

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 23071810
Client Project: COF-23Q3
Report Date: 21-Nov-23

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

Batch 210926 **SampType:** MSD Units **mg/L** RPD Limit **20**
SampID: 23071810-052CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Aluminum		0.0250		**1.99**	2.000	0.04995	96.8	1.978	0.40	09/13/2023
Antimony		0.0010		**0.522**	0.5000	0	104.4	0.5024	3.88	08/30/2023
Arsenic		0.0010		**0.569**	0.5000	0	113.8	0.5547	2.55	09/13/2023
Barium		0.0010		**2.39**	2.000	0.1742	110.9	2.410	0.69	09/13/2023
Beryllium		0.0010		**0.0503**	0.0500	0	100.5	0.05076	0.97	09/13/2023
Boron		0.0250		**0.574**	0.5000	0.05451	103.8	0.5767	0.55	09/11/2023
Cadmium		0.0010		**0.0499**	0.0500	0	99.8	0.05065	1.45	09/13/2023
Chromium		0.0015		**0.216**	0.2000	0	108.1	0.2102	2.79	09/13/2023
Cobalt		0.0010		**0.494**	0.5000	0	98.9	0.4724	4.56	08/30/2023
Iron		0.0250		**4.88**	2.000	2.658	111.2	4.768	2.37	09/13/2023
Lead		0.0010		**0.546**	0.5000	0	109.1	0.5345	2.04	09/13/2023
Lithium	*	0.0030		**0.528**	0.5000	0.01019	103.5	0.5474	3.65	08/31/2023
Manganese		0.0020		**0.770**	0.5000	0.1774	118.5	0.7517	2.36	09/13/2023
Molybdenum	*	0.0015		**0.524**	0.5000	0.001671	104.6	0.5257	0.25	09/13/2023
Selenium		0.0010		**0.480**	0.5000	0	96.1	0.4563	5.14	08/30/2023
Thallium		0.0020		**0.262**	0.2500	0	104.7	0.2527	3.47	08/30/2023

Batch 211078 **SampType:** MBLK Units **mg/L**
SampID: MBLK-211078

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Arsenic		0.0010		**< 0.0010**	0.0004	0	0	-100	100	09/02/2023
Barium		0.0010		**< 0.0010**	0.0007	0	0	-100	100	09/08/2023
Manganese		0.0020		**< 0.0020**	0.0008	0	0	-100	100	09/08/2023
Selenium		0.0010		**< 0.0010**	0.0006	0	0	-100	100	09/05/2023

Batch 211078 **SampType:** LCS Units **mg/L**
SampID: LCS-211078

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Arsenic		0.0010		**0.543**	0.5000	0	108.7	85	115	09/02/2023
Barium		0.0010		**2.15**	2.000	0	107.7	80	120	09/08/2023
Manganese		0.0020		**0.520**	0.5000	0	104.0	80	120	09/08/2023
Selenium		0.0010		**0.529**	0.5000	0	105.9	85	115	09/05/2023

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 23071810
Client Project: COF-23Q3
Report Date: 21-Nov-23

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

Batch 211078 **SampType:** LCSD Units **mg/L** RPD Limit **20**
SampID: LCSD-211078

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Arsenic		0.0010		**0.514**	0.5000	0	102.9	0.5433	5.47	09/02/2023
Barium		0.0010		**2.16**	2.000	0	107.8	2.154	0.06	09/08/2023
Manganese		0.0020		**0.515**	0.5000	0	103.0	0.5201	1.04	09/08/2023
Selenium		0.0010		**0.513**	0.5000	0	102.5	0.5144	0.33	09/05/2023

Batch 211078 **SampType:** MS Units **mg/L**
SampID: 23071810-042CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Barium		0.0010		**2.22**	2.000	0.03473	109.1	75	125	09/08/2023
Manganese		0.0020		**0.622**	0.5000	0.1112	102.2	75	125	09/08/2023

Batch 211078 **SampType:** MSD Units **mg/L** RPD Limit **20**
SampID: 23071810-042CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Barium		0.0010		**2.14**	2.000	0.03473	105.3	2.216	3.49	09/08/2023
Manganese		0.0020		**0.606**	0.5000	0.1112	98.9	0.6221	2.66	09/08/2023

Batch 211843 **SampType:** MBLK Units **mg/L**
SampID: MBLK-211843

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		0.0010		**< 0.0010**	0.0004	0	0	-100	100	09/18/2023
Barium		0.0010		**< 0.0010**	0.0007	0	0	-100	100	09/15/2023
Copper		0.0010		**< 0.0010**	0.0003	0	0	-100	100	09/15/2023
Manganese		0.0020		**< 0.0020**	0.0008	0	0	-100	100	09/15/2023
Thallium		0.0020		**< 0.0020**	0.0010	0	0	-100	100	09/15/2023

Batch 211843 **SampType:** LCS Units **mg/L**
SampID: LCS-211843

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		0.0010		**0.516**	0.5000	0	103.3	80	120	09/18/2023
Barium		0.0010		**2.27**	2.000	0	113.4	80	120	09/15/2023
Copper		0.0010		**0.263**	0.2500	0	105.2	80	120	09/15/2023
Manganese		0.0020		**0.543**	0.5000	0	108.7	80	120	09/15/2023
Thallium		0.0020		**0.257**	0.2500	0	102.8	80	120	09/15/2023

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll
Work Order: 23071810
Client Project: COF-23Q3
Report Date: 21-Nov-23

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

Batch 211843 **SampType:** MS Units **mg/L**
SampID: 23071810-078CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Manganese		0.0080	S	**4.95**	1.000	5.423	-47.4	75	125	09/18/2023

Batch 211843 **SampType:** MSD Units **mg/L** RPD Limit **20**
SampID: 23071810-078CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Manganese		0.0080	S	**5.10**	1.000	5.423	-32.7	4.948	2.92	09/18/2023

Batch 211843 **SampType:** MS Units **mg/L**
SampID: 23071810-082CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Barium		0.0010	S	**5.38**	4.000	0.2086	129.3	75	125	09/15/2023

Batch 211843 **SampType:** MSD Units **mg/L** RPD Limit **20**
SampID: 23071810-082CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Barium		0.0010	S	**5.56**	4.000	0.2086	133.9	5.379	3.38	09/15/2023

Batch 211843 **SampType:** MS Units **mg/L**
SampID: 23071810-083CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Barium		0.0010	S	**5.23**	4.000	0.03066	130.0	75	125	09/15/2023

Batch 211843 **SampType:** MSD Units **mg/L** RPD Limit **20**
SampID: 23071810-083CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Barium		0.0010	S	**5.37**	4.000	0.03066	133.5	5.231	2.63	09/15/2023

Batch 211883 **SampType:** MBLK Units **mg/L**
SampID: MBLK-211883

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Copper		0.0010		**< 0.0010**	0.0003	0	0	-100	100	09/15/2023

Batch 211883 **SampType:** LCS Units **mg/L**
SampID: LCS-211883

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Copper		0.0010		**0.275**	0.2500	0	109.9	80	120	09/15/2023

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll **Work Order:** 23071810

Client Project: COF-23Q3 **Report Date:** 21-Nov-23

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

Batch 212184 **SampType:** MBLK Units **mg/L**
SampID: MBLK-212184

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Arsenic		0.0010		**< 0.0010**	0.0004	0	0	-100	100	09/20/2023
Iron	*	0.0250		**< 0.0250**	0.0115	0	0	-100	100	09/20/2023
Selenium		0.0010		**< 0.0010**	0.0006	0	0	-100	100	09/20/2023

Batch 212184 **SampType:** LCS Units **mg/L**
SampID: LCS-212184

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Arsenic		0.0010		**0.515**	0.5000	0	103.1	85	115	09/20/2023
Iron	*	0.0250		**2.14**	2.000	0	106.9	85	115	09/20/2023
Selenium		0.0010		**0.455**	0.5000	0	91.0	85	115	09/20/2023

Batch 212184 **SampType:** MS Units **mg/L**
SampID: 23071810-114BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Iron		0.0250		**2.34**	2.000	0.3837	97.6	75	125	09/20/2023

Batch 212184 **SampType:** MSD Units **mg/L** RPD Limit **20**
SampID: 23071810-114BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Iron		0.0250		**2.31**	2.000	0.3837	96.2	2.335	1.17	09/20/2023

SW-846 7470A (DISSOLVED)

Batch 210710 **SampType:** MS Units **mg/L**
SampID: 23071810-004DMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.00020		**0.00516**	0.0050	0	103.2	75	125	08/14/2023

Batch 210710 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 23071810-004DMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury		0.00020		**0.00512**	0.0050	0	102.3	0.005162	0.88	08/14/2023

Batch 210850 **SampType:** MS Units **mg/L**
SampID: 23071810-011CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.00020		**0.00514**	0.0050	0	102.7	75	125	08/15/2023

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 23071810
Client Project: COF-23Q3
Report Date: 21-Nov-23

SW-846 7470A (DISSOLVED)

Batch 210850 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 23071810-011CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury		0.00020		**0.00495**	0.0050	0	99.0	0.005137	3.67	08/15/2023

Batch 210850 **SampType:** MS Units **mg/L**
SampID: 23071810-021CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.00020		**0.00515**	0.0050	0	103.0	75	125	08/15/2023

Batch 210850 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 23071810-021CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury		0.00020		**0.00536**	0.0050	0	107.3	0.005148	4.10	08/15/2023

Batch 211199 **SampType:** MS Units **mg/L**
SampID: 23071810-050DMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.00020		**0.00575**	0.0050	0.0003389	108.2	75	125	08/23/2023

Batch 211199 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 23071810-050DMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury		0.00020		**0.00564**	0.0050	0.0003389	106.1	0.005749	1.86	08/23/2023

SW-846 7470A (TOTAL)

Batch 210705 **SampType:** MBLK Units **mg/L**
SampID: MBLK-210705

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.00020		**< 0.00020**	0.0001	0	0	-100	100	08/11/2023

Batch 210705 **SampType:** LCS Units **mg/L**
SampID: LCS-210705

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.00020		**0.00540**	0.0050	0	108.0	85	115	08/11/2023

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll
Work Order: 23071810
Client Project: COF-23Q3
Report Date: 21-Nov-23

SW-846 7470A (TOTAL)

Batch 210705 **SampType:** MS Units **mg/L**
SampID: 23071810-002CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.00020		**0.00556**	0.0050	0	111.3	75	125	08/11/2023

Batch 210705 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 23071810-002CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury		0.00020		**0.00571**	0.0050	0	114.2	0.005563	2.63	08/11/2023

Batch 210710 **SampType:** MBLK Units **mg/L**
SampID: MBLK-210710

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.00020		**< 0.00020**	0.0001	0	0	-100	100	08/14/2023

Batch 210710 **SampType:** LCS Units **mg/L**
SampID: LCS-210710

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.00020		**0.00513**	0.0050	0	102.6	85	115	08/14/2023

Batch 210850 **SampType:** MBLK Units **mg/L**
SampID: MBLK-210850

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.00020		**< 0.00020**	0.0001	0	0	-100	100	08/15/2023

Batch 210850 **SampType:** LCS Units **mg/L**
SampID: LCS-210850

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.00020		**0.00491**	0.0050	0	98.2	85	115	08/15/2023

Batch 210851 **SampType:** MBLK Units **mg/L**
SampID: MBLK-210851

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.00020		**< 0.00020**	0.0001	0	0	-100	100	08/15/2023

Batch 210851 **SampType:** LCS Units **mg/L**
SampID: LCS-210851

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.00020		**0.00503**	0.0050	0	100.7	85	115	08/15/2023

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 23071810
Client Project: COF-23Q3
Report Date: 21-Nov-23

SW-846 7470A (TOTAL)

Batch 210851 **SampType:** MS Units **mg/L**
SampID: 23071810-034CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.00020		**0.00530**	0.0050	0	105.9	75	125	08/15/2023

Batch 210851 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 23071810-034CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury		0.00020		**0.00508**	0.0050	0	101.6	0.005297	4.21	08/15/2023

Batch 210851 **SampType:** MS Units **mg/L**
SampID: 23071810-060CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.00020		**0.00481**	0.0050	0	96.2	75	125	08/15/2023

Batch 210851 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 23071810-060CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury		0.00020		**0.00465**	0.0050	0	93.0	0.004810	3.41	08/15/2023

Batch 210857 **SampType:** MBLK Units **mg/L**
SampID: MBLK-210857

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.00020		**< 0.00020**	0.0001	0	0	-100	100	08/15/2023

Batch 210857 **SampType:** LCS Units **mg/L**
SampID: LCS-210857

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.00020		**0.00477**	0.0050	0	95.4	85	115	08/15/2023

Batch 210857 **SampType:** MS Units **mg/L**
SampID: 23071810-070CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.00020		**0.00487**	0.0050	0	97.4	75	125	08/15/2023

Batch 210857 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 23071810-070CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury		0.00020		**0.00489**	0.0050	0	97.8	0.004871	0.43	08/15/2023

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 23071810
Client Project: COF-23Q3
Report Date: 21-Nov-23

SW-846 7470A (TOTAL)

Batch 210857 **SampType:** MS Units **mg/L**
SampID: 23071810-082CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.00020		**0.00795**	0.0100	0	79.5	75	125	08/15/2023

Batch 210857 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 23071810-082CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury		0.00020		**0.00810**	0.0100	0	81.0	0.007945	1.87	08/15/2023

Batch 210858 **SampType:** MBLK Units **mg/L**
SampID: MBLK-210858

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.00020		**< 0.00020**	0.0001	0	0	-100	100	08/15/2023

Batch 210858 **SampType:** LCS Units **mg/L**
SampID: LCS-210858

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.00020		**0.00507**	0.0050	0	101.3	85	115	08/15/2023

Batch 210858 **SampType:** MS Units **mg/L**
SampID: 23071810-108CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.00020		**0.00498**	0.0050	0	99.7	75	125	08/15/2023

Batch 210858 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 23071810-108CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury		0.00020		**0.00524**	0.0050	0	104.8	0.004983	5.01	08/15/2023

Batch 210923 **SampType:** MBLK Units **mg/L**
SampID: MBLK-210923

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.00020		**< 0.00020**	0.0001	0	0	-100	100	08/16/2023

Batch 210923 **SampType:** LCS Units **mg/L**
SampID: LCS-210923

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.00020		**0.00544**	0.0050	0	108.8	85	115	08/16/2023

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll
Work Order: 23071810
Client Project: COF-23Q3
Report Date: 21-Nov-23

SW-846 7470A (TOTAL)

Batch 210923 **SampType:** MS Units **mg/L**
SampID: 23071810-029CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.00020		**0.00560**	0.0050	0	112.0	75	125	08/16/2023

Batch 210923 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 23071810-029CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury		0.00020		**0.00558**	0.0050	0	111.6	0.005601	0.33	08/16/2023

Batch 210923 **SampType:** MS Units **mg/L**
SampID: 23071810-040CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.00020		**0.00593**	0.0050	0	118.6	75	125	08/16/2023

Batch 210923 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 23071810-040CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury		0.00020		**0.00578**	0.0050	0	115.7	0.005929	2.50	08/16/2023

Batch 211199 **SampType:** MBLK Units **mg/L**
SampID: MBLK-211199

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.00020		**< 0.00020**	0.0001	0	0	-100	100	08/23/2023

Batch 211199 **SampType:** LCS Units **mg/L**
SampID: LCS-211199

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.00020		**0.00443**	0.0050	0	88.6	85	115	08/23/2023

Batch 211205 **SampType:** MBLK Units **mg/L**
SampID: MBLK-211205

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.00020		**< 0.00020**	0.0001	0	0	-100	100	08/25/2023

Batch 211205 **SampType:** LCS Units **mg/L**
SampID: LCS-211205

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.00020		**0.00571**	0.0050	0	114.2	85	115	08/23/2023

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 23071810
Client Project: COF-23Q3
Report Date: 21-Nov-23

SW-846 7470A (TOTAL)

Batch 211312 **SampType:** MBLK Units **mg/L**
SampID: MBLK-211312

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.00020		**< 0.00020**	0.0001	0	0	-100	100	08/26/2023

Batch 211312 **SampType:** LCS Units **mg/L**
SampID: LCS-211312

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.00020		**0.00458**	0.0050	0	91.5	85	115	08/25/2023

Batch 211312 **SampType:** MS Units **mg/L**
SampID: 23071810-094CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.00020	S	**0.00227**	0.0100	0	22.7	75	125	08/25/2023

Batch 211312 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 23071810-094CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury		0.00020	SR	**0.00054**	0.0100	0	5.4	0.002273	123.78	08/25/2023

Teklab, Inc.
Environmental Laboratory

Receiving Check List

http://www.teklabinc.com/

Client: Ramboll
Client Project: COF-23Q3

Work Order: 23071810
Report Date: 21-Nov-23

Carrier: Justin Colp

Received By: ANC

Completed by: Amber Dilallo
On: 10-Aug-23

Reviewed by: Ellie Hopkins
On: 15-Aug-23

Pages to follow: Chain of custody 24 Extra pages included 0

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐	Temp °C 3.4
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 - 8/10/2023 10:45:53 AM
Additional Nitric Acid (92447) was needed upon arrival at the laboratory for G111 (Dissolved) and G303 (Total and Dissolved). - amberdilallo - 8/10/2023 10:46:03 AM
pH strip #79929/90719. - amberdilallo - 8/11/2023 9:37:32 AM
Additional Sulfuric Acid (90128) was needed upon arrival at the laboratory for G106 and R104. Additional Sodium Hydroxide (81662) was needed upon arrival at the laboratory for G153 and G154. Additional Nitric Acid (92447) was needed upon arrival at the laboratory for G154 (Total and Dissolved). - amberdilallo - 8/11/2023 9:38:34 AM
Samples collected on 8/10/23 were delivered to the laboratory on 8/10/23 at 1730 (on ice 2.6C - LTG5). AMD/ERH 8/10/23
Samples collected on 8/11/213 were delivered to the laboratory on 8/11/23 at 1427 (on ice 10.2C - LTG5). LM/ERH 8/10/23
Samples collected on 8/14/213 were delivered to the laboratory on 8/14/23 at 1810 (on ice 5.8C - LTG5). ANC/ERH 8/15/23
Additional Nitric Acid (92447) was needed upon arrival at the laboratory for X201. Additional Sulfuric Acid (90128) was needed upon arrival at the laboratory for X201. - amberdilallo - 8/15/2023 3:48:32 PM
X201 filtered and preserved with Nitric Acid (92447), Sulfuric Acid (90128) and left unpreserved for the dissolved parameters upon arrival at the laboratory. - amberdilallo - 8/15/2023 3:48:33 PM
pH strip #90719. - amberdilallo - 8/15/2023 3:48:35 PM
Samples collected on 8/15/213 were delivered to the laboratory on 8/15/23 at 1518 (on ice 12.4C - LTG1). TM/ERH 8/10/23
pH strip #90719. - amberdilallo - 9/19/2023 3:51:31 PM
Samples collected on 9/19/23 were delivered to the laboratory on 9/19/23 at 1312 (on ice 9.4C - LTG1). AMD/ERH 9/19/23

CHAIN-OF-CUSTODY / Analytical Request Document

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

23071810

Page: 1 of 7

Section A Required Client Information:

Company:	Vistra Corp
Address:	13498 E. 900th St
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:	Jason Stuckey
Purchase Order No.:	
Project Name:	
Project Number:	2285

Section C Invoice Information:

Attention:	Jason Stuckey
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	COF-257-101	COF-257-102	COF-257-103	COF-257-104	COF-257-105	COF-811-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104	COF-SUP-000	COF-WPCP-102	COF-WPCP-103-104	COF-WPCP-106	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	G101			8-9-23	1451		5	2	1	1		1										✓									23071810-001
2	G102			8-9-23	1507		7	2	2	2		1									✓	✓			✓				✓			002
3	G103						7	2	2	2		1										✓			✓				✓			003
4	G105						7	2	2	2		1										✓			✓				✓			004
5	G106						7	2	2	2		1									✓	✓			✓				✓			005
6	G107						5	2	1	1		1										✓										006
7	G108			8-9-23	0948		5	2	1	1		1										✓										007
8	G109				1010		5	2	1	1		1										✓										008
9	G110				1028		5	2	1	1		1									✓	✓										009
10	G111				1047		5	2	1	1		1										✓										010
11	G119				1132		5	2	1	1		1										✓										011
12	G120				1149		6	2	1	2		1									✓	✓										012
13	G121				1219		5	2	1	1		1										✓										013
14	G122				1237		5	2	1	1		1										✓										014
15	G123				1257		5	2	1	1		1										✓										015
16	G124			↓	1313		5	2	1	1		1										✓										016

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
COF-23Q3 Rev 0	J. Colp	8-9	1752	Allison Colin	8/9	1752	3.4	Y	N	
						1745	Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Justin Colp

SIGNATURE of SAMPLER: Justin Colp DATE Signed (MM/DD/YY): 8-7-23

Added HNO_3 to G111 (D) & G303 (T&D) (92447) pH ✓ 90719 8/10/23

CHAIN-OF-CUSTODY / Analytical Request Document

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

23071810

Page: 2 of 7

Section A Required Client Information:

Company:	Vistra Corp
Address:	13498 E. 900th St
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:	Jason Stuckey
Purchase Order No.:	
Project Name:	
Project Number:	2285

Section C Invoice Information:

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

REGULATORY AGENCY

NPDES GROUND WATER DRINKING WATER
UST RCRA OTHER

Site Location STATE: IL

Requested Analysis Filtered (Y/N)

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

ITEM #	Section D Required Client Information: SAMPLE ID (A-Z, 0-9 / , -) Sample IDs MUST BE UNIQUE	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Y/N	Analysis Test	COF-257-101	COF-257-102	COF-257-103	COF-257-104	COF-257-105	COF-811-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104	COF-SUP-000	COF-WPCP-102	COF-WPCP-103-104	COF-WPCP-106	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	G125			8-9-23	1357		6	2	1	2	1											✓	✓								23071810-017
2	G126			8-9-23	1401		5	2	1	1	1												✓									018
3	G151						4	2		1	1																			✓		019
4	G152						4	2		1	1																			✓		020
5	G153						4	2		1	1																			✓		021
6	G154						5	2		2	1																	✓		✓		022
7	G155						4	2		1	1																			✓		023
8	G200						7	2	2	2	1					✓		✓							✓		✓		✓			024
9	G206						7	2	2	2	1					✓									✓		✓		✓			025
10	G206D						6	2	2	2						✓									✓		✓					026
11	G207						6	2	1	2	1														✓				✓			027
12	G208						6	2	1	2	1														✓				✓			028
13	G209						7	2	2	2	1					✓									✓		✓		✓			029
14	G210						6	2	1	2	1														✓				✓			030
15	G211						6	2	1	2	1														✓				✓			031
16	G212						7	2	2	2	1					✓									✓		✓		✓			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)
COF-23Q3 Rev 0	J. Cole	8-9	1752	Allison Cole	8/9	1752		Y	N	

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Justin Cole

SIGNATURE of SAMPLER: Justin Cole DATE Signed (MM/DD/YY): 8-9-23

CHAIN-OF-CUSTODY / Analytical Request Document

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

2307181D

Page: 3 of 7

Section A Required Client Information:	Section B Required Project Information:	Section C Invoice Information:
Company: Vistra Corp	Report To: Brian Voelker	Attention: Jason Stuckey
Address: 13498 E. 900th St	Copy To: Jason Stuckey	Company Name: Vistra Corp
		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	COF-257-101	COF-257-102	COF-257-103	COF-257-104	COF-257-105	COF-811-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104	COF-SUP-000	COF-WPCP-102	COF-WPCP-103-104	COF-WPCP-106	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	G213						7	2	2	2		1							✓					✓		✓		✓			23071810-033
2	G214						6	2	1	2		1												✓				✓			034
3	G215						7	2	2	2		1							✓					✓		✓		✓			035
4	G216						6	2	1	2		1												✓				✓			036
5	G217						7	2	2	2		1							✓					✓		✓		✓			037
6	G218						7	2	2	2		1							✓					✓		✓		✓			038
7	G270						7	2	2	2		1					✓			✓			✓		✓	✓	✓	✓			039
8	G271						7	2	2	2		1								✓					✓		✓		✓			040
9	G272						6	2	1	2		1													✓				✓			041
10	G273						7	2	2	2		1									✓				✓	✓			✓			042
11	G274						6	2	1	2		1													✓				✓			043
12	G275						7	2	2	2		1									✓				✓	✓			✓			044
13	G275D						6	2	2	2											✓				✓	✓						045
14	G276						7	2	2	2		1									✓				✓	✓			✓			046
15	G277						7	2	2	2		1									✓				✓	✓			✓			047
16	G278						6	2	1	2		1													✓				✓			048

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
COF-23Q3 Rev 0				Allison Colin	8/9	1752	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):				

23071810

CHAIN-OF-CUSTODY / Analytical Request Document

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

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Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company:	Vistra Corp	Report To:	Brian Voelker	Attention:	Jason Stuckey
Address:	13498 E. 900th St	Copy To:	Jason Stuckey	Company Name:	Vistra Corp
				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: COF-257-101	COF-257-102	COF-257-103	COF-257-104	COF-257-105	COF-811-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104	COF-SUP-000	COF-WPCP-102	COF-WPCP-103-104	COF-WPCP-106	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	G279						7	2	2	2	1								✓						✓	✓	✓	✓			23071810-049
2	G280						7	2	2	2	1						✓		✓				✓		✓	✓	✓	✓			050
3	G281						7	2	2	2	1					✓	✓						✓	✓		✓	✓				051
4	G283						6	2	2	2									✓						✓	✓					052
5	G284						6	2	2	2									✓						✓	✓					053
6	G285						6	2	2	2									✓						✓	✓					054
7	G286						0																		✓						055
8	G287						0																		✓						056
9	G288						0																		✓						057
10	G301			8-9-23	1113		6	2	2	2						✓						✓				✓					058
11	G302			8-9-23	1155		6	2	2	2						✓						✓				✓					059
12	G303			8-9-23	1526		6	2	2	2						✓						✓				✓					060
13	G305						6	2	2	2						✓						✓				✓					061
14	G306						6	2	2	2						✓						✓				✓					062
15	G307						6	2	2	2						✓						✓				✓					063
16	G307D						6	2	2	2						✓						✓				✓					064

Requested Analysis Filtered (Y/N)

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
COF-23Q3 Rev 0	J. Colp	8-9	1752	Allison Colp	8/9	1752	Temp in °C: Y / Received on Ice (Y/N): N / Custody Sealed Cooler (Y/N): / Samples Intact (Y/N):

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Justin Colp

SIGNATURE of SAMPLER: Justin Colp DATE Signed (MM/DD/YY): 8-9-23

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CHAIN-OF-CUSTODY / Analytical Request Document

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

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Section A Required Client Information:	Section B Required Project Information:	Section C Invoice Information:
Company: Vistra Corp	Report To: Brian Voelker	Attention: Jason Stuckey
Address: 13498 E. 900th St	Copy To: Jason Stuckey	Company Name: Vistra Corp
		Address: see Section A
Email To: Brian.Voelker@VistraCorp.com	Purchase Order No.:	Quote Reference:
Phone: (217) 753-8911 Fax:	Project Name:	Project Manager:
Requested Due Date/TAT: 10 day	Project Number: 2285	Profile #:

REGULATORY AGENCY

NPDES GROUND WATER DRINKING WATER
UST RCRA OTHER

Site Location STATE: IL

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

ITEM #	Section D Required Client Information: SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Y/N	Analysis Test: COF-257-101	COF-257-102	COF-257-103	COF-257-104	COF-257-105	COF-811-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104	COF-SUP-000	COF-WPCP-102	COF-WPCP-103-104	COF-WPCP-106	Residual Chlorine (Y/N)	Project No./ Lab I.D.
								Requested Analysis Filtered (Y/N)																									
1	G308						6	2	2	2							✓						✓				✓					23071810-065
2	G309						0										✓						✓				✓					066
3	G310			8-9-23	1036		6	2	2	2							✓						✓				✓					067
4	G312				1228		6	2	2	2							✓						✓				✓					068
5	G313				1412		6	2	2	2							✓						✓				✓					069
6	G314				1433		6	2	2	2							✓						✓				✓					070
7	G314D			↓	1453		6	2	2	2							✓						✓				✓					071
8	G315						6	2	2	2							✓						✓				✓					072
9	G316			8-9-23	1343		6	2	2	2							✓						✓				✓					073
10	G317						0																✓									074
11	G401						7	2	2	2		1						✓						✓			✓	✓					075
12	G402						7	2	2	2		1						✓						✓			✓	✓					076
13	G403						7	2	2	2		1						✓						✓			✓	✓					077
14	G404						7	2	2	2		1						✓						✓			✓	✓					078
15	G405						7	2	2	2		1						✓						✓			✓	✓					079
16	G406						7	2	2	2		1						✓						✓			✓	✓					080

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
COF-23Q3 Rev 0	J-Colp	8-9	1752	Allison Colp	8/9	1752		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:	Justin Colp	
SIGNATURE of SAMPLER:	[signature]	DATE Signed (MM/DD/YY): 8-9-23

2307 1810

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	Report To: Brian Voelker	Attention: Jason Stuckey
Address: 13498 E. 900th St	Copy To: Jason Stuckey	Company Name: Vistra Corp
		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-2, 0-9 / ,-)
Sample IDs MUST BE UNIQUE

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Y/N	Analysis Test	COF-257-101	COF-257-102	COF-257-103	COF-257-104	COF-257-105	COF-811-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104	COF-SUP-000	COF-WPCP-102	COF-WPCP-103-104	COF-WPCP-106	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	G407						7	2	2	2		1							✓	✓					✓			✓	✓				23071810-081
2	G410						4	1		2		1								TB	Dup 1 (2x3)								✓				082
3	G411						4	1		2		1																	✓				083
4	G1001						10	2	2	2									✓						✓			✓					084
5	G1003						0												✓						✓								085
6	L203						2	1		1											✓												086
7	MW03D						0																			✓							087
8	MW11D						0																			✓							088
9	MW11S						0																			✓							089
10	MW12D						0																			✓							090
11	MW16D						0																			✓							091
12	MW16S						0																			✓							092
13	MW20S						0																				✓						093
14	NE Riser						10	2	2	2											✓					✓		✓					094
15	R104						7	2	2	2		1											✓			✓			✓				095
16	R201						7	2	2	2		1									✓		✓			✓	↓	✓		✓			096

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
COF-23Q3 Rev 0				Allison Cohn	8/9	1752	

SAMPLER NAME AND SIGNATURE					
PRINT Name of SAMPLER:			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):			Y	N	

2307181C

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:

Company:	Vistra Corp
Address:	13498 E. 900th St
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:	Jason Stuckey
Purchase Order No.:	
Project Name:	
Project Number:	2285

Section C Invoice Information:

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

REGULATORY AGENCY

NPDES GROUND WATER DRINKING WATER
UST RCRA OTHER

Site Location STATE: IL

Section D Required Client Information

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

Valid Matrix Codes

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

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Y/N	Analysis Test	COF-257-101	COF-257-102	COF-257-103	COF-257-104	COF-257-105	COF-811-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104	COF-SUP-000	COF-WPCP-102	COF-WPCP-103-104	COF-WPCP-106	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	R205						6	2	1	2	1														✓				✓			2307181C-097
2	SG-02						0											✓	✓					✓	✓								098
3	SG-03						0											✓	✓					✓	✓								099
4	SG-04						0												✓	✓	✓				✓	✓	✓							100
5	T127			8-9-23	1108		6	2	1	2	1											✓	✓										101
6	T128			8-9-23	1416		5	2	1	1	1												✓										102
7	X201						6	2	2	2											✓					✓	✓						103
8	XPW01						6	2	2	2								✓									✓							104
9	XPW02						6	2	2	2								✓									✓							105
10	XSG-01						0											✓						✓										106
11	Field Blank						8	2	3	2	1							✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			107
12	G102 Duplicate			8-9-23	1507		7	2	2	2	1											✓	✓			✓			✓					108
13	G200 Duplicate						7	2	2	2	1									✓		✓				✓	✓		✓					109
14	G273 Duplicate						7	2	2	2	1										✓					✓	✓		✓					110
15	G301 Duplicate			8-9-23	1311		6	2	2	2								✓		✓				✓			✓							111
16	R201 Duplicate						7	2	2	2	1									✓		✓				✓	✓		✓					112

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
COF-23Q3 Rev 0	J. Colp	8-9	1752	Allison Mahan	8/9	1752	Temp in °C: 4 / Received on Ice (Y/N): 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): 8-9-23

2C&C

23071810

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	Report To:	Brian Voelker	Attention:	Jason Stuckey
Address:	13498 E. 900th St	Copy To:	Jason Stuckey	Company Name:	Vistra Corp
				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	COF-257-101	COF-257-102	COF-257-103	COF-257-104	COF-257-105	COF-811-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104	COF-SUP-000	COF-WPCP-102	COF-WPCP-103-104	COF-WPCP-106	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	G101							5	2	1	1	1									✓										23071810-001
2	G102							7	2	2	2	1								✓	✓			✓				✓			002
3	G103				8-10-23	0823		7	2	2	2	1									✓			✓				✓			003
4	G105					0859		7	2	2	2	1									✓			✓				✓			004
5	G106					0916		7	2	2	2	1									✓			✓				✓			005
6	G107				↓	0943		5	2	1	1	1																			006
7	G108							5	2	1	1	1																			007
8	G109							5	2	1	1	0																			008
9	G110							5	2	1	1	1									✓										009
10	G111							5	2	1	1	1																			010
11	G119							5	2	1	1	1																			011
12	G120							6	2	1	2	1									✓										012
13	G121							5	2	1	1	1																			013
14	G122							5	2	1	1	1																			014
15	G123							5	2	1	1	1																			015
16	G124							5	2	1	1	1																			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)
COF-23Q3 Rev 0	J. Colp	8-10	1730	[illegible]	8/10/23	1730	2.0	Y	N	Y

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Justin Colp

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 8-10-23

Phos 7191 7929. Added 1:2564 (90218) to G106 and G104. Added NaOH (81662) to G153 and G154. Added HNO3 to total and dissolved from G154. CRT 8-11-23.

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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	Report To: Brian Voelker	Attention: Jason Stuckey
Address: 13498 E. 900th St	Copy To: Jason Stuckey	Company Name: Vistra Corp
		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	COF-257-101	COF-257-102	COF-257-103	COF-257-104	COF-257-105	COF-811-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104	COF-SUP-000	COF-WPCP-102	COF-WPCP-103-104	COF-WPCP-106	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	G125						6	2	1	2	1										✓	✓									23071810-017
2	G126						5	2	1	1	1											✓									018
3	G151			8-10-23	1010		4	2		1	1																		✓		019
4	G152			8-10-23	1209		4	2		1	1																		✓		020
5	G153			8-10-23	1138		4	2		1	1																		✓		021
6	G154			8-10-23	1113		5	2		2	1																✓		✓		022
7	G155			8-10-23	1046		4	2		1	1																		✓		023
8	G200						7	2	2	2	1								✓		✓				✓		✓	✓			024
9	G206						7	2	2	2	1								✓						✓		✓	✓			025
10	G206D						6	2	2	2									✓						✓		✓				026
11	G207						6	2	1	2	1														✓			✓			027
12	G208						6	2	1	2	1														✓			✓			028
13	G209						7	2	2	2	1								✓						✓		✓	✓			029
14	G210						6	2	1	2	1														✓			✓			030
15	G211						6	2	1	2	1														✓			✓			031
16	G212			8-10-23	1528		7	2	2	2	1								✓						✓		✓	✓			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)
COF-23Q3 Rev 0	J. Colp	8-10	1730	[signature]	8/10/23	1730		Y	N	

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Justin Colp

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 8-10-23

CHAIN-OF-CUSTODY / Analytical Request Document

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230718.0

Page: 3 of 7

Section A Required Client Information:

Company:	Vistra Corp
Address:	13498 E. 900th St
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:	Jason Stuckey
Purchase Order No.:	
Project Name:	
Project Number:	2285

Section C Invoice Information:

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

REGULATORY AGENCY

NPDES GROUND WATER DRINKING WATER
UST RCRA OTHER

Site Location STATE: IL

Section D Required Client Information

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

Valid Matrix Codes

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

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Y/N ↓ Analysis Test ↓ COF-257-101	COF-257-102	COF-257-103	COF-257-104	COF-257-105	COF-811-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104	COF-SUP-000	COF-WPCP-102	COF-WPCP-103-104	COF-WPCP-106	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	G213			8-10-23	1508		7	2	2	2	1							✓						✓		✓		✓			230718.0-033
2	G214			8-10-23	1450		6	2	1	2	1													✓				✓			034
3	G215				1416		7	2	2	2	1							✓						✓		✓		✓			035
4	G216				1347		6	2	1	2	1													✓				✓			036
5	G217				1325		7	2	2	2	1							✓						✓		✓		✓			037
6	G218			↓	1253		7	2	2	2	1							✓						✓		✓		✓			038
7	G270						7	2	2	2	1					✓			✓				✓		✓	✓	✓	✓				039
8	G271						7	2	2	2	1								✓						✓	✓	✓				040
9	G272						6	2	1	2	1														✓		✓				041
10	G273						7	2	2	2	1								✓						✓	✓	✓				042
11	G274						6	2	1	2	1														✓		✓				043
12	G275						7	2	2	2	1								✓						✓	✓	✓				044
13	G275D						6	2	2	2									✓						✓	✓					045
14	G276						7	2	2	2	1								✓						✓	✓	✓				046
15	G277						7	2	2	2	1								✓						✓	✓	✓				047
16	G278						6	2	1	2	1														✓		✓				048

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
COF-23Q3 Rev 0	J. Colp	8-10	1730	[signature]	8/10/23	1730	

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

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Justin Colp

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 8-10-23

23071810

CHAIN-OF-CUSTODY / Analytical Request Document

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

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Section A Required Client Information:	Section B Required Project Information:	Section C Invoice Information:
Company: Vistra Corp	Report To: Brian Voelker	Attention: Jason Stuckey
Address: 13498 E. 900lh St	Copy To: Jason Stuckey	Company Name: Vistra Corp
		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	Y/N	Analysis Test	COF-257-101	COF-257-102	COF-257-103	COF-257-104	COF-257-105	COF-811-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104	COF-SUP-000	COF-WPCP-102	COF-WPCP-103-104	COF-WPCP-106	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	G279						7	2	2	2	1										✓					✓	✓	✓	✓			23071810-049
2	G280						7	2	2	2	1								✓		✓			✓		✓	✓	✓	✓			050
3	G281						7	2	2	2	1					✓	✓						✓	✓			✓	✓				051
4	G283						6	2	2	2											✓					✓	✓					052
5	G284						6	2	2	2											✓					✓	✓					053
6	G285						6	2	2	2											✓					✓	✓					054
7	G286						0																			✓						055
8	G287						0																			✓						056
9	G288						0																			✓						057
10	G301						6	2	2	2								✓						✓			✓					058
11	G302						6	2	2	2								✓						✓			✓					059
12	G303						6	2	2	2								✓						✓			✓					060
13	G305			8-10-23	1236		6	2	2	2								✓						✓			✓					061
14	G306			8-10-23	1101		6	2	2	2								✓						✓			✓					062
15	G307 CAMP Pump			8-10-23	N/A		6	2	2	2								✓						✓			✓					063
16	G307D			8-10-23	1212		6	2	2	2								✓						✓			✓					064

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
COF-23Q3 Rev 0	J. Colp	8-10	1730	[illegible]	8/10/23	1730	Y / N

SAMPLER NAME AND SIGNATURE					
PRINT Name of SAMPLER:	Justin Colp		Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
SIGNATURE of SAMPLER:	[signature]	DATE Signed (MM/DD/YY): 8-10-23				

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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	Report To: Brian Voelker	Attention: Jason Stuckey
Address: 13498 E. 900th St	Copy To: Jason Stuckey	Company Name: Vistra Corp
		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	COF-257-101	COF-257-102	COF-257-103	COF-257-104	COF-257-105	COF-811-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104	COF-SUP-000	COF-WPCP-102	COF-WPCP-103-104	COF-WPCP-106	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	G308			8-10-23	1308		6	2	2	2						✓						✓				✓				23071810-065
2	G309						0															✓								066
3	G310						6	2	2	2						✓						✓				✓					067
4	G312						6	2	2	2						✓						✓				✓					068
5	G313						6	2	2	2						✓						✓				✓					069
6	G314						6	2	2	2						✓						✓				✓					070
7	G314D						6	2	2	2						✓						✓				✓					071
8	G315			8-10-23	1129		6	2	2	2						✓						✓				✓					072
9	G316						6	2	2	2						✓						✓				✓					073
10	G317						0															✓									074
11	G401						7	2	2	2		1					✓						✓			✓	✓					075
12	G402						7	2	2	2		1					✓						✓			✓	✓					076
13	G403						7	2	2	2		1					✓						✓			✓	✓					077
14	G404						7	2	2	2		1					✓						✓			✓	✓					078
15	G405						7	2	2	2		1					✓						✓			✓	✓					079
16	G406						7	2	2	2		1					✓						✓			✓	✓					080

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
COF-23Q3 Rev 0	J. Colp	8-10	1730	Jamie Allen	8/10/23	1730	

SAMPLER NAME AND SIGNATURE			Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER:	Justin Colp			Y	N	
SIGNATURE of SAMPLER:	[signature]	DATE Signed (MM/DD/YY): 8-10-23				

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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	Report To: Brian Voelker	Attention: Jason Stuckey
Address: 13498 E. 900th St	Copy To: Jason Stuckey	Company Name: Vistra Corp
		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	COF-257-101	COF-257-102	COF-257-103	COF-257-104	COF-257-105	COF-811-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104	COF-SUP-000	COF-WPCP-102	COF-WPCP-103-104	COF-WPCP-106	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	G407			8-10-23	1432		7	2	2	2		1						✓	✓					✓			✓	✓				23071810-281
2	G410			8-10-23	1458		4	1		2		1							TB Bent 1 Lab 23									✓				282
3	G411			8-10-23	1524		4	1		2		1																✓				283
4	G1001						6	2	2	2								✓						✓			✓					284
5	G1003						0											✓						✓								285
6	L203						2	1		1											✓											286
7	MW03D						0																		✓							287
8	MW11D						0																		✓							288
9	MW11S						0																		✓							289
10	MW12D						0																		✓							290
11	MW16D						0																		✓							291
12	MW16S						0																		✓							292
13	MW20S						0																			✓						293
14	NE Riser						6	2	2	2									✓						✓		✓					294
15	R104			8-10-23	0840		7	2	2	2		1										✓			✓			✓				295
16	R201						7	2	2	2		1							✓		✓				✓	1	✓	✓				296

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
COF-23Q3 Rev 0	J. Cole	8-10	1730	[illegible]	8/10/23	1730	

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

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Justin Cole

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 8-10-23

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CHAIN-OF-CUSTODY / Analytical Request Document

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Page: 7 of 7

Section A Required Client Information:	Section B Required Project Information:	Section C Invoice Information:
Company: Vistra Corp	Report To: Brian Voelker	Attention: Jason Stuckey
Address: 13498 E. 900th St	Copy To: Jason Stuckey	Company Name: Vistra Corp
		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	COF-257-101	COF-257-102	COF-257-103	COF-257-104	COF-257-105	COF-811-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104	COF-SUP-000	COF-WPCP-102	COF-WPCP-103-104	COF-WPCP-108	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	R205						6	2	1	2		1														✓			✓			23071810-097
2	SG-02						0											✓	✓					✓	✓								098
3	SG-03						0											✓	✓					✓	✓								099
4	SG-04						0												✓	✓	✓				✓	✓	✓							100
5	T127						6	2	1	2		1										✓	✓										101
6	T128						5	2	1	1		1											✓										102
7	X201						6	2	2	2											✓					✓	✓						103
8	XPW01			8-10-23	1322		6	2	2	2								✓									✓						104
9	XPW02			8-10-23	1345		6	2	2	2								✓									✓						105
10	XSG-01						0											✓						✓									106
11	Field Blank						8	2	3	2		1						✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		107
12	G102 Duplicate						7	2	2	2		1										✓	✓			✓			✓				108
13	G200 Duplicate						7	2	2	2		1								✓		✓				✓	✓		✓				109
14	G273 Duplicate						7	2	2	2		1									✓					✓	✓		✓				110
15	G301 Duplicate						6	2	2	2								✓					✓				✓						111
16	R201 Duplicate						7	2	2	2		1								✓		✓				✓	✓		✓				112

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
COF-23Q3 Rev 0	J. Colp	8-10	1730	Emily Dibble	8/10/23	1730		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: Justin Colp

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 8-10-23

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CHAIN-OF-CUSTODY / Analytical Request Document

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Page: 5 of 7

Section A Required Client Information:	Section B Required Project Information:	Section C Invoice Information:
Company: Vistra Corp	Report To: Brian Voelker	Attention: Jason Stuckey
Address: 13498 E. 900th St	Copy To: Jason Stuckey	Company Name: Vistra Corp
		Address: see Section A
Email To: Brian.Voelker@VistraCorp.com	Purchase Order No.:	Quote Reference:
Phone: (217) 753-8911 Fax:	Project Name:	Project Manager:
Requested Due Date/TAT: 10 day	Project Number: 2285	Profile #:

REGULATORY AGENCY: NPDES GROUND WATER DRINKING WATER UST RCRA OTHER

Site Location STATE: IL

Section D Required Client Information

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

Valid Matrix Codes: DRINKING WATER DW; WATER WT; WASTE WATER WW; PRODUCT P; SOIL/SOLID SL; OIL OL; WIPE WP; AIR AR; OTHER OT; 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: COF-257-101	COF-257-102	COF-257-103	COF-257-104	COF-257-105	COF-811-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104	COF-SUP-000	COF-WPCP-102	COF-WPCP-103-104	COF-WPCP-106	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	G308						6	2	2	2							✓						✓				✓					23071810-065
2	G309						0																✓									066
3	G310						6	2	2	2							✓						✓				✓					067
4	G312						6	2	2	2							✓						✓				✓					068
5	G313						6	2	2	2							✓						✓				✓					069
6	G314						6	2	2	2							✓						✓				✓					070
7	G314D						6	2	2	2							✓						✓				✓					071
8	G315						6	2	2	2							✓						✓				✓					072
9	G316						6	2	2	2							✓						✓				✓					073
10	G317						0																✓									074
11	G401			8/11/23	1127		7	2	2	2	1							✓						✓			✓	✓				075
12	G402			8/11/23	1209		7	2	2	2	1							✓						✓			✓	✓				076
13	G403			8/11/23	1051		7	2	2	2	1							✓						✓			✓	✓				077
14	G404						7	2	2	2	1							✓						✓			✓	✓				078
15	G405			8/11/23	1247		7	2	2	2	1							✓						✓			✓	✓				079
16	G406			8/11/23	1013		7	2	2	2	1							✓						✓			✓	✓				080

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
COF-23Q3 Rev 0	TekHaul	8/11/23	1427		8/11/23	1427	

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

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Joe Kittel

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 8/11/23

PH: 907/9/79929 (9294H)
Added HNO3 to G405 diss.
cont. LM 8/11

10.2° OG #5

CHAIN-OF-CUSTODY / Analytical Request Document

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

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Section A Required Client Information:	Section B Required Project Information:	Section C Invoice Information:
Company: Vistra Corp	Report To: Brian Voelker	Attention: Jason Stuckey
Address: 13498 E. 900th St	Copy To: Jason Stuckey	Company Name: Vistra Corp
		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)

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	COF-257-101	COF-257-102	COF-257-103	COF-257-104	COF-257-105	COF-811-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104	COF-SUP-000	COF-WPCP-102	COF-WPCP-103-104	COF-WPCP-106	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	G125																														
2	G126																														
3	G151																														
4	G152																														
5	G153																														
6	G154																														
7	G155																														
8	G200																														
9	G206			8-14-23	1152																										-025
10	G206D			8-14-23	1134																										-026
11	G207																														
12	G208			8-14-23	1109																										-028
13	G209			↓	1046																										-029
14	G210				1029																										-030
15	G211			↓	1236																										-031
16	G212																														

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
COF-23Q3 Rev 0	J. Colp	8-14	1810	Allison Colp	8/14	1810	5.8
							#5

SAMPLER NAME AND SIGNATURE			
PRINT Name of SAMPLER:	Justin Colp		
SIGNATURE of SAMPLER:	Justin Colp	DATE Signed (MM/DD/YY):	8-14-23

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

PH: 90719
AC 8/15

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	Report To: Brian Voelker	Attention: Jason Stuckey
Address: 13498 E. 900th St	Copy To: Jason Stuckey	Company Name: Vistra Corp
		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)

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 ↓	COF-257-101	COF-257-102	COF-257-103	COF-257-104	COF-257-105	COF-811-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104	COF-SUP-000	COF-WPCP-102	COF-WPCP-103-104	COF-WPCP-106	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	G213																													
2	G214																													
3	G215																													
4	G216																													
5	G217																													
6	G218																													
7	G270			8-14-23	1345																									-039
8	G271				1315																									-040
9	G272				1411																									-041
10	G273				1432																									-042
11	G274				1200																									-043
12	G275				DRY																									-044
13	G275D				1120																									-045
14	G276				1235																									-046
15	G277				DRY																									-047
16	G278																													

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
COF-23Q3 Rev 0	J. Colp	8-14	1810		8/14	1870	

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Justin Colp

SIGNATURE of SAMPLER: DATE Signed (MM/DD/YY): 8-14-23

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.

Section A Required Client Information:	Section B Required Project Information:	Section C Invoice Information:	
Company: Vistra Corp	Report To: Brian Voelker	Attention: Jason Stuckey	REGULATORY AGENCY
Address: 13498 E. 900th St	Copy To: Jason Stuckey	Company Name: Vistra Corp	
		Address: see Section A	NPDES GROUND WATER DRINKING WATER
Email To: Brian.Voelker@VistraCorp.com	Purchase Order No.:	Quote Reference:	UST RCRA OTHER
Phone: (217) 753-8911 Fax:	Project Name:	Project Manager:	Site Location STATE: IL
Requested Due Date/TAT: 10 day	Project Number: 2285	Profile #:	

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

ITEM #	Section D Required Client Information: SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N	COF-257-101	COF-257-102	COF-257-103	COF-257-104	COF-257-105	COF-811-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104	COF-SUP-000	COF-WPCP-102	COF-WPCP-103-104	COF-WPCP-106	Residual Chlorine (Y/N)	Project No./ Lab I.D.
								Requested Analysis Filtered (Y/N)																								
1	G279			8-14-23	DRY																										045
2	G280			↓	1448																										050
3	G281			↓	1606																										057
4	G283																														
5	G284																														
6	G285																														
7	G286																														
8	G287																														
9	G288																														
10	G301																														
11	G302																														
12	G303																														
13	G305																														
14	G306																														
15	G307																														
16	G307D																														

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
COF-23Q3 Rev 0	J. Colp	8-14	1810	Allison Colp	8/14	1810	

SAMPLER NAME AND SIGNATURE					
PRINT Name of SAMPLER:	Jason Colp	DATE Signed (MM/DD/YY): 8-14-23	Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
SIGNATURE of SAMPLER:	Jason Colp					

CHAIN-OF-CUSTODY / Analytical Request Document

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

Section A Required Client Information:

Company:	Vistra Corp
Address:	13498 E. 900th St
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:	Jason Stuckey
Purchase Order No.:	
Project Name:	
Project Number:	2285

Section C Invoice Information:

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

REGULATORY AGENCY

NPDES GROUND WATER DRINKING WATER
UST RCRA OTHER

Site Location STATE: IL

Section D Required Client Information

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

Valid Matrix Codes

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

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Y/N	Analysis Test: COF-257-101	COF-257-102	COF-257-103	COF-257-104	COF-257-105	COF-811-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104	COF-SUP-000	COF-WPCP-102	COF-WPCP-103-104	COF-WPCP-106	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	G308																														
2	G309																														
3	G310																														
4	G312																														
5	G313																														
6	G314																														
7	G314D																														
8	G315																														
9	G316																														
10	G317																														
11	G401																														
12	G402																														
13	G403																														
14	G404			8-14-23	1543																										-078
15	G405																														
16	G406																														

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
COF-23Q3 Rev 0	J. Cole	8-14	1810	Allison Cole	8/14	1810	

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Justin Cole

SIGNATURE of SAMPLER: Justin Cole

DATE Signed (MM/DD/YY): 8-14-23

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: 7 of 7

Section A Required Client Information:

Company:	Vistra Corp
Address:	13498 E. 900th St
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:	Jason Stuckey
Purchase Order No.:	
Project Name:	
Project Number:	2285

Section C Invoice Information:

Attention:	Jason Stuckey
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	COF-257-101	COF-257-102	COF-257-103	COF-257-104	COF-257-105	COF-811-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104	COF-SUP-000	COF-WPCP-102	COF-WPCP-103-104	COF-WPCP-106	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	R205			8-14-23	1534																										~~081~~-097
2	SG-02																														
3	SG-03																														
4	SG-04																														
5	T127																														
6	T128																														
7	X201 (Anti Leak			8-14-23	N/A																										-103
8	XPW01																														
9	XPW02																														
10	XSG-01																														
11	Field Blank																														
12	G102 Duplicate																														
13	G200 Duplicate				1432																										-109
14	G273 Duplicate			8-14-23	~~1507~~ JC																										-110
15	G301 Duplicate																														
16	R201 Duplicate																														

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
COF-23Q3 Rev 0	J. Colp	1810	8-14	Allison Colp	8/14	1810	

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Justin Colp

SIGNATURE of SAMPLER: Justin Colp DATE Signed (MM/DD/YY): 8-14-23

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

230 1181

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	Report To: Brian Voelker	Attention: Jason Stuckey
Address: 13498 E. 900th St	Copy To: Jason Stuckey	Company Name: Vistra Corp
		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	COF-257-101	COF-257-102	COF-257-103	COF-257-104	COF-257-105	COF-811-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104	COF-SUP-000	COF-WPCP-102	COF-WPCP-103-104	COF-WPCP-106	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	G125																													
2	G126																													
3	G151																													
4	G152																													
5	G153																													
6	G154																													
7	G155																													
8	G200 insufficient water			8-15-23	DRY																									
9	G206																													
10	G206D																													
11	G207 DRY after rerun			8-15-23	DRY																									
12	G208																													
13	G209																													
14	G210																													
15	G211																													
16	G212																													

Requested Analysis Filtered (Y/N)

Residual Chlorine (Y/N): Yes Vm 90719 79929 X201 added HNO3 (9244T) & H2SO4 (9070) 8/15/23

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
COF-23Q3 Rev 0	J. Cole	8-15	1518		8-15-23	1518	12.5
							Yes #1

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Justin Cole

SIGNATURE of SAMPLER: Justin Cole DATE Signed (MM/DD/YY): 8-15-23

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

230 1810

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	Report To: Brian Voelker	Attention: Jason Stuckey
Address: 13498 E. 900th St	Copy To: Jason Stuckey	Company Name: Vistra Corp
		Address: see Section A
Email To: Brian.Voelker@VistraCorp.com	Purchase Order No.:	Quote Reference:
Phone: (217) 753-8911 Fax:	Project Name:	Project Manager:
Requested Due Date/TAT: 10 day	Project Number: 2285	Profile #:

REGULATORY AGENCY

NPDES GROUND WATER DRINKING WATER

UST RCRA OTHER

Site Location STATE: IL

Section D Required Client Information

Valid Matrix Codes

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

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

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Y/N	Analysis Test	COF-257-101	COF-257-102	COF-257-103	COF-257-104	COF-257-105	COF-811-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104	COF-SUP-000	COF-WPCP-102	COF-WPCP-103-104	COF-WPCP-106	Residual Chlorine (Y/N)	Project No./ Lab I.D.
								Requested Analysis Filtered (Y/N)																										
1	G213																															
2	G214																															
3	G215																															
4	G216																															
5	G217																															
6	G218																															
7	G270																															
8	G271																															
9	G272																															
10	G273																															
11	G274																															
12	G275																															
13	G275D																															
14	G276																															
15	G277																															
16	G278 Wastewater			8-15-23	DFH																											

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
COF-23Q3 Rev 0	J. Cold	8-15	1518		8-15-23	1518	

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Justin Cold

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 8-15-23

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.

Section A Required Client Information:	Section B Required Project Information:	Section C Invoice Information:
Company: Vistra Corp	Report To: Brian Voelker	Attention: Jason Stuckey
Address: 13498 E. 900th St	Copy To: Jason Stuckey	Company Name: Vistra Corp
		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	COF-257-101	COF-257-102	COF-257-103	COF-257-104	COF-257-105	COF-811-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104	COF-SUP-000	COF-WPCP-102	COF-WPCP-103-104	COF-WPCP-106	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	G279																															
2	G280																															
3	G281																															
4	G283			8-15-23	1145																											
5	G284			↓	1010																											
6	G285			↓	1104																											
7	G286																															
8	G287																															
9	G288																															
10	G301																															
11	G302																															
12	G303																															
13	G305																															
14	G306																															
15	G307																															
16	G307D																															

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
COF-23Q3 Rev 0	J. Cold	8-15	1518		8-15-23	1518	

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Justin Cold

SIGNATURE of SAMPLER: Justin Cold DATE Signed (MM/DD/YY): 8-15-23

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

230 1810

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	Report To: Brian Voelker	Attention: Jason Stuckey
Address: 13498 E. 900th St	Copy To: Jason Stuckey	Company Name: Vistra Corp
		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	COF-257-101	COF-257-102	COF-257-103	COF-257-104	COF-257-105	COF-811-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104	COF-SUP-000	COF-WPCP-102	COF-WPCP-103-104	COF-WPCP-106	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	G407																														
2	G410																														
3	G411																														
4	G1001 insufficient water			8-15-23	DKY																										
5	G1003																														
6	L203 insufficient water			8-15-23	DKY																										
7	MW03D																														
8	MW11D																														
9	MW11S																														
10	MW12D																														
11	MW16D																														
12	MW16S																														
13	MW20S																														
14	NE Riser			8-15-23	1312																										
15	R104																														
16	R201 ★			8-15-23	DKY																										

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
COF-23Q3 Rev 0	J. Colp	8-15	1518		8.15.23	1518	

★=hole in air line

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Justin Colp

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 8-15-23

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

A30 T1810

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:

Company:	Vistra Corp
Address:	13498 E. 900th St
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:	Jason Stuckey
Purchase Order No.:	
Project Name:	
Project Number:	2285

Section C Invoice Information:

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

REGULATORY AGENCY

NPDES GROUND WATER DRINKING WATER
UST RCRA OTHER

Site Location STATE: IL

Section D Required Client Information

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

Valid Matrix Codes

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

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Y/N	Analysis Test	COF-257-101	COF-257-102	COF-257-103	COF-257-104	COF-257-105	COF-811-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104	COF-SUP-000	COF-WPCP-102	COF-WPCP-103-104	COF-WPCP-106	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	R205																															
2	SG-02																															
3	SG-03																															
4	SG-04																															
5	T127																															
6	T128																															
7	X201 Filter in lab			8-15-23	1253																											
8	XPW01																															
9	XPW02																															
10	XSG-01																															
11	Field Blank			8-15-23	1035																											
12	G102 Duplicate																															
13	G200 Duplicate			8-15-23	DRY																											
14	G273 Duplicate																															
15	G301 Duplicate																															
16	R201 Duplicate			8-15-23	DRY																											

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
COF-23Q3 Rev 0	J. Colp	8-15	1518		8-16-23	1514	

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Justin Colp

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 8-15-23

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

CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: 1 of 1

Section A Required Client Information:	Section B Required Project Information:	Section C Invoice Information:
Company: Vistra Corp	Report To: Brian Voelker	Attention: Jason Stuckey
Address: 13498 E. 900th St	Copy To: Jason Stuckey	Company Name: Vistra Corp
		Address: see Section A
Email To: Brian.Voelker@VistraCorp.com	Purchase Order No.:	Quote Reference:
Phone: (217) 753-8911 Fax:	Project Name:	Project Manager:
Requested Due Date/TAT: 10 day	Project Number: 2285	Profile #:

REGULATORY AGENCY: NPDES GROUND WATER DRINKING WATER UST RCRA OTHER

Site Location STATE: IL

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

ITEM #	Section D Required Client Information: SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Y/N	Analysis Test ↓ / Requested Analysis Filtered (Y/N): COF-257-101	COF-257-102	COF-257-103	COF-257-104	COF-257-105	COF-811-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104	COF-SUP-000	COF-WPCP-102	COF-WPCP-103-104	COF-WPCP-106	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	G308 (resample)			9/19/23	1100		1			1							X						X				X				23071810-113
2	X201 (resample)				1017		1			1										X					X	X					-114
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	SAMPLE CONDITIONS			
COF-23Q3 Rev 0	Tracy Barnett	9/19/23	1312	Andrea DuBois	9/19/23	1312	4.4	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: Tracy Barnett

SIGNATURE of SAMPLER: Tracy Barnett DATE Signed (MM/DD/YY): 9/18/23

LRAI

pH V 90719
Dmm 9/19/23

Site Sampling Event	Coffeen 3Q		Summary of Well Information																
LIMS Workorder	23071810																		
Technician	JC,JR		hmm	hhmm															
WO Sample	Well ID	Date	Time	Time (adj)	DTB (ft)	DTW (ft)	MP Elev (ft)	GW Elev (ft)	Well Condition	Sampling Device	Samling Method	Field Filtered	Appearance	Odor	Color	Turbidity (visible)	Ferrous Iron	COMMENTS
001A	G101	08/09/2023	1451	1451		11.16			Good	Bladder Pump	Low Flow	Yes	Clear	None	None	None		
002A	G102	08/09/2023	1507	1507		10.34			Good	Bladder Pump	Low Flow	Yes	Clear	None	None	None		
003A	G103	08/10/2023	823	0823		13.53			Good	Bladder Pump	Low Flow	Yes	Clear	None	None	None		
004A	G105	08/10/2023	859	0859		10.84			Good	Bladder Pump	Low Flow	Yes	Clear	None	None	None		
005A	G106	08/10/2023	916	0916		12.17			Good	Bladder Pump	Low Flow	Yes	Clear	None	None	None		
006A	G107	08/10/2023	943	0943		12.76			Good	Bladder Pump	Low Flow	Yes	Clear	None	None	None		
007A	G108	08/09/2023	948	0948		13.24			Good	Bladder Pump	Low Flow	Yes	Clear	None	None	None		
008A	G109	08/09/2023	1010	1010		13.64			Good	Bladder Pump	Low Flow	Yes	Clear	None	None	Slight		
009A	G110	08/09/2023	1028	1028		14.16			Good	Bladder Pump	Low Flow	Yes	Clear	None	None	None		
010A	G111	08/09/2023	1047	1047		14.95			Good	Bladder Pump	Low Flow	Yes	Clear	None	None	None		
011A	G119	08/09/2023	1132	1132		15.65			Good	Bladder Pump	Low Flow	Yes	Clear	None	None	None		
012A	G120	08/09/2023	1149	1149		16.31			Good	Bladder Pump	Low Flow	Yes	Clear	None	None	None		
013A	G121	08/09/2023	1219	1219		18.4			Good	Bladder Pump	Low Flow	Yes	Clear	None	None	None		
014A	G122	08/09/2023	1237	1237		19.54			Good	Bladder Pump	Low Flow	Yes	Clear	None	None	None		
015A	G123	08/09/2023	1257	1257		18.57			Good	Bladder Pump	Low Flow	Yes	Clear	None	None	None		
016A	G124	08/09/2023	1313	1313		18.49			Good	Bladder Pump	Low Flow	Yes	Clear	None	None	None		
017A	G125	08/09/2023	1327	1327		18.53			Good	Bladder Pump	Low Flow	Yes	Clear	None	None	None		
018A	G126	08/09/2023	1401	1401		10.93			Good	Bladder Pump	Low Flow	Yes	Clear	None	None	None		
019A	G151	08/10/2023	1010	1010		12.22			Good	Bladder Pump	Low Flow	Yes	Clear	None	None	None		
020A	G152	08/10/2023	1209	1209		12.4			Good	Bladder Pump	Low Flow	Yes	Cloudy	None	Lt. Brown	Moderate		
021A	G153	08/10/2023	1138	1138		13.08			Good	Bladder Pump	Low Flow	Yes	Clear	None	None	None		
022A	G154	08/10/2023	1113	1113		14.6			Good	Bladder Pump	Low Flow	Yes	Clear	None	None	None		
023A	G155	08/10/2023	1046	1046		13.21			Good	Bladder Pump	Low Flow	Yes	Cloudy	None	Rust	Moderate		
024A	G200			0		9.21			Needs Work									hole in air line
025A	G206	08/14/2023	1152	1152		13.89			Good	Bladder Pump	Low Flow	Yes	Clear	Slight	None	None	0.564	
026A	G206D	08/14/2023	1134	1134		30.04			Good	Bladder Pump	Low Flow	Yes	Clear	Slight	None	None	2.818	
027A	G207	08/15/2023	dry			14.2												dry after reads
028A	G208	08/14/2023	1109	1109		14.08			Good	Bladder Pump	Low Flow	Yes	Clear	None	None	None		
029A	G209	08/14/2023	1046	1046		13.79			Good	Bladder Pump	Low Flow	Yes	Clear	None	None	None	0.725	
030A	G210	08/14/2023	1029	1029		13.27			Good	Bladder Pump	Low Flow	Yes	Clear	None	None	None		
031A	G211	08/14/2023	1236	1236		13.44			Good	Bladder Pump	Low Flow	Yes	Clear	None	None	None		
032A	G212	08/10/2023	1528	1528		14.61			Good	Bladder Pump	Low Flow	Yes	Clear	None	None	None	under	
033A	G213	08/10/2023	1508	1508		15.05			Good	Bladder Pump	Low Flow	Yes	Clear	None	None	None	under	
034A	G214	08/10/2023	1450	1450		17.64			Good	Bladder Pump	Low Flow		Clear	None	None	None		
035A	G215	08/10/2023	1416	1416		17.22			Good	Bladder Pump	Low Flow	Yes	Clear	None	None	None	under	
036A	G216	08/10/2023	1347	1347		16.51			Good	Bladder Pump	Low Flow	Yes	Clear	None	None	Slight		
037A	G217	08/10/2023	1325	1325		18.29			Good	Bladder Pump	Low Flow	Yes	Clear	None	None	None	under	
038A	G218	08/10/2023	1253	1253		16.98			Good	Bladder Pump	Low Flow	Yes	Clear	None	None	None	under	
039A	G270	08/14/2023	1345	1345		8.52			Good	Bladder Pump	Low Flow	Yes	Clear	None	None	None	0.618	
040A	G271	08/14/2023	1315	1315		11.2			Good	Bladder Pump	Low Flow	Yes	Clear	None	None	None	0.085	
041A	G272	08/14/2023	1411	1411		10.55			Good	Bladder Pump	Low Flow	Yes	Clear	None	None	None		
042A	G273	08/14/2023	1432	1432		11.56			Good	Bladder Pump	Low Flow	Yes	Clear	None	None	None	0	
043A	G274	08/14/2023	1200	1200		14.99			Good	Bladder Pump	Low Flow	Yes	Clear	Slight		None	N/A	
044A	G275	08/14/2023		0		dry												DRY
045A	G275D	08/14/2023	1120	1120		31.27			Good	Bladder Pump	Low Flow	Yes	Clear	None	Lt. Brown	Slight	over	
046A	G276	08/14/2023	1235	1235		27.75			Needs Work	Bladder Pump	Low Flow	Yes	Clear	None	None	None	2.056	leak in air line
047A	G277	08/14/2023		0		19.76												Dry
048A	G278	08/15/2023	dry	0dry		20.98												insufficient water
049A	G279	08/08/2023	1251	1251		23.69												
050A	G280	08/14/2023	1458	1458		5.8			Good	Bladder Pump	Low Flow	Yes	Clear	Slight	None	Slight	2.436	
051A	G281	08/14/2023	1606	1606		6.39			Good	Bladder Pump	low flow	yes	clear	none	none	none	0.124	
052A	G283	08/15/2023	1145	1145		7.45			Good	Bladder Pump	Low flow	Yes	Clear	None	None	None	3.821	
053A	G284	08/15/2023	1010	1010		12.28			Good	Bladder Pump	Low flow	Yes	Clear	None	None	None	0	
054A	G285	08/15/2023	1104	1104		8.44			Good	Bladder Pump	Low flow	Yes	Clear	None	None	None	0.359	
055A	G286			0		dry												
056A	G287			0														unable to find access to well
057A	G288	08/14/2023	1336	1336		8.7												
058A	G301	08/09/2023	1113	1113		8.11			Good	Bladder Pump	Low Flow	Yes	Clear	Moderate	None	None	2.697	
059A	G302	08/09/2023	1155	1155		12.68			Good	Bladder Pump	Low Flow	Yes	Clear	Slight	None	None	5.492	
060A	G303	08/09/2023	1526	1526		8.4			Good	Bladder Pump	Low Flow	Yes	Clear	Moderate	None	None	Over	
061A	G305	08/10/2023	1236	1236		9.19			Good	Bladder Pump	Low Flow	Yes	Clear	Slight	None	None	2.463	

Site Sampling Event	Coffeen 3Q		Summary of Well Information																
LIMS Workorder	23071810																		
Technician	JC,JR		hmm	hhmm															
WO Sample	Well ID	Date	Time	Time (adj)	DTB (ft)	DTW (ft)	MP Elev (ft)	GW Elev (ft)	Well Condition	Sampling Device	Samling Method	Field Filtered	Appearance	Odor	Color	Turbidity (visible)	Ferrous Iron	COMMENTS
062A	G306	08/10/2023	1101	1101		9.7			Needs Work	Bladder Pump	Low Flow	Yes	Cloudy	None	Brown	High	2.565	
063A	G307	08/08/2023	1132			0.7			Bad									
064A	G307D	08/10/2023	1212	1212		7.89			Good	Bladder Pump	Low Flow	Yes	Clear	Slight	None	None	4.446	
065A	G308	08/10/2023	1300	1300		5.09			Good	Bladder Pump	Low Flow	Yes	Clear	Slight	None	None		
066A	G309	08/08/2023	1124	1124		8.04												
067A	G310	08/09/2023	1036	1036		10.3			Good	Bladder Pump	Low Flow	Yes	Clear	None	None	None	Over	
068A	G312	08/09/2023	1228	1228		14			Good	Bladder Pump	Low Flow	Yes	Clear	None	None	None	Over	
069A	G313	08/09/2023	1412	1412		3.01			Good	Bladder Pump	Low Flow	Yes	Clear	None	None	None	2.982	
070A	G314	08/09/2023	1433	1433		4.88			Good	Bladder Pump	Low Flow	Yes	Clear	Slight	None	None	Over	
071A	G314D	08/09/2023	1453	1453		7.78			Good	Bladder Pump	Low Flow	Yes	Clear	Slight	None	None	3.301	
072A	G315	03/10/2023	1129	1129		3.5			Good	Bladder Pump	Low Flow	Yes	Clear	Slight	None	None	5.375	
073A	G316	08/09/2023	1343	1343		11.7			Good	Bladder Pump	Low Flow	Yes	Clear	Moderate	None	None	Over	
074A	G317	08/08/2023	1345	1345		Dry											Dry	
075A	G401	08/11/2023	1122	1122		21.75			Good	Bladder Pump	Low Flow	Yes	Clear	Slight	None	None	Over	
076A	G402	08/11/2023	1209	1209		11.65			Good	Bladder Pump	Low Flow	Yes	Clear	None	None	None	6.379	
077A	G403	08/11/2023	1051	1051		7.45			Good	Bladder Pump	Low Flow	Yes	Clear	Slight	None	Slight	2.764	Lock Broken
078A	G404	08/14/2023	1546	1546		5.62			Good	Bladder Pump	Low Flow	yes	Clear	Slight	None	None	4.283	
079A	G405	08/11/2023	1241	1241		6.85			Good	Bladder Pump	Low Flow	Yes	Clear		None	None	5.845	
080A	G406	08/11/2023	1013	1013		11.49			Good	Bladder Pump	Low Flow	Yes	Clear	None	None	None	3.292	
081A	G407	08/10/2023	1429	1429		8.79			Good	Bladder Pump	Low Flow	Yes	Clear	Slight	None	None	Over	
082A	G410	08/10/2023	1458	1458		9.66			Good	Bladder Pump	Low Flow	Yes	Clear	None	None	None		
083A	G411	08/10/2023	1524	1524		8.69			Good	Bladder Pump	Low Flow	Yes	Clear		None	None		
084A	G1001	08/15/2023	dry	dry		6.32												insufficient water
085A	G1003			0														
086A	L203	08/15/2023	dry	dry														insufficient water
087A	MW03D	08/08/2023	1115	1115		30.65												
088A	MW11D	08/08/2023	1159	1159		8.57												
089A	MW11S	08/08/2023	1158	1158		8												
090A	MW12D	08/08/2023	1242	1242		13.93												
091A	MW16D	08/08/2023	1334	1334		12.97												
092A	MW16S	08/08/2023	1333	1333		11.63												
093A	MW20S	08/08/2023	1317	1317		10.6												
094A	NE RISER	08/15/2023	1312	1312		NA			good	Bladder Pump	low flow	yes	clear	none	none	none	2.008	
095A	R104	08/10/2023	840	0840		10.45			good	Bladder Pump	low flow	yes	clear	none	none	none		
096A	R201	08/15/2023	dry	0		11.61												hole in air line
097A	R205	08/14/2023	1534	1534		9.69			good	Bladder Pump	low flow	yes	clear	none	none	none		
098A	SG-02			0														unable to find access
099A	SG-03	08/08/2023	1204	1204		9.65												
100A	SG-04			0														unable to find access
101A	T127	08/09/2023	1108	1108		15.2			good	Bladder Pump	low flow	yes	clear	none	none	none		
102A	T128	08/09/2023	1416	1416		14.8			good	Bladder Pump	low flow	yes	clear	none	none	none		
103A	X201	08/15/2023	1253	1253								no	Clear	none	None	None		
104A	XPW01	08/10/2023	1322	1322		5.29			Good	Bladder Pump	Low Flow	Yes	Clear	Slight	None	None	6.449	
105A	XPW02	08/10/2023	1345	1345		10.3			Good	Bladder Pump	Low Flow	Yes	Clear	None	None	None	Over	
106A	XSG-01	08/08/2023	1219	1219		6.25												
107A	FB	08/15/2023	1035	1035														
108A	G102 DUP	08/09/2023	1507	1507														
109A	G200 DUP	08/15/2023	dry	dry														
110A	G273 DUP	08/14/2023	1432	1432														
111A	G301 DUP	08/09/2023	1113	1113														
112A	R201 DUP	08/15/2023	dry	dry														
113A	G308 (resample)	09/19/2023	1100	1100		6.22			Good	Bladder Pump	Low Flow	Yes	Clear	None	None	None	0.011	
114A	x201 (resample)	09/19/2023	1017	1017		35.29				Bailer		Yes	Clear	None	None	None	0.063	

Site Sampling Event	Coffeen 3Q
LIMS Workorder	23071810
Technician	JC,JR

Summary of Stabilized Field Parameters

Well ID	Date	Time	Time (adj)	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)	DTB (ft)	DTW (ft)	MP Elev (ft)	GW Elev (ft)	LIMS ID
G101	8/9/2023	14:51	1451	14.6	58.28	7.1	1346.1	1346.1	0.55	14.08	151.1			11.16			23071810-001A
G102	8/9/2023	15:07	1507	15.9	60.62	7.25	1155.5	1155.5	1.09	10.94	156.2			10.34			23071810-002A
G103	8/10/2023	8:23	0823	17	62.6	6.77	1123.8	1123.8	2.2	5.84	163.4			13.53			23071810-003A
G105	8/10/2023	8:59	0859	16.2	61.16	6.97	1103.9	1103.9	1.67	3.87	-81.6			10.84			23071810-004A
G106	8/10/2023	9:16	0916	16.8	62.24	6.88	1241	1241	1.72	2.63	35.7			12.17			23071810-005A
G107	8/10/2023	9:43	0943	16.4	61.52	7.03	1000.5	1000.5	1.96	10.32	81.9			12.76			23071810-006A
G108	8/9/2023	9:48	0948	16	60.8	6.68	999.2	999.2	2.06	6.07	55.9			13.24			23071810-007A
G109	8/9/2023	10:10	1010	15.7	60.26	6.81	1261	1261	1.57	33.29	114.5			13.64			23071810-008A
G110	8/9/2023	10:28	1028	16.1	60.98	6.73	1210.9	1210.9	1.33	9.14	121			14.16			23071810-009A
G111	8/9/2023	10:47	1047	16.2	61.16	6.94	1179.7	1179.7	1.17	4.94	135			14.95			23071810-010A
G119	8/9/2023	11:32	1132	16.4	61.52	7.1	942.6	942.6	1.69	18.75	150.9			15.65			23071810-011A
G120	8/9/2023	11:49	1149	16.4	61.52	6.99	1168.8	1168.8	3.79	16.25	160.6			16.31			23071810-012A
G121	8/9/2023	12:19	1219	16.2	61.16	6.89	1274.6	1274.6	2.07	11.92	164.3			18.4			23071810-013A
G122	8/9/2023	12:37	1237	15.5	59.9	6.77	1614.8	1614.8	2.21	9.19	171.1			19.54			23071810-014A
G123	8/9/2023	12:57	1257	15.3	59.54	7.01	1275	1275	1.51	10.26	124.7			18.57			23071810-015A
G124	8/9/2023	13:13	1313	15.5	59.9	7.09	1147.8	1147.8	2.72	8.55	139.3			18.49			23071810-016A
G125	8/9/2023	13:27	1327	15.5	59.9	7.15	1161.3	1161.3	4.64	7.25	151.9			18.53			23071810-017A
G126	8/9/2023	14:01	1401	16.5	61.7	7.05	1178.4	1178.4	2.17	4.66	145.9			10.93			23071810-018A
G151	8/10/2023	10:10	1010	16.2	61.16	7.14	1214.2	1214.2	2.04	3.34	119			12.22			23071810-019A
G152	8/10/2023	12:09	1209	16	60.8	7	1257.2	1257.2	1.45	303.89	22.6			12.4			23071810-020A
G153	8/10/2023	11:38	1138	16.7	62.06	6.73	5394.8	5394.8	0.97	6.15	3.8			13.08			23071810-021A
G154	8/10/2023	11:13	1113	16.2	61.16	7.3	890.8	890.8	2.84	12.36	122.2			14.6			23071810-022A
G155	8/10/2023	10:46	1046	16.6	61.88	7.16	1219.7	1219.7	2.01	448.4	115.8			13.21			23071810-023A
														9.21			23071810-024A
G206	8/14/2023	11:52	1152	16.1	60.98	6.93	1115.4	1115.4	0.9	3.11	-187.9			13.89			23071810-025A
G206D	8/14/2023	11:34	1134	15.4	59.72	6.94	1384.2	1384.2	0.66	6.89	-48.1			30.04			23071810-026A
G207	8/15/2023	9:13	0913	17.5	63.5	6.61	1136.7	1136.7	1.47	41.59	88.1			14.2			23071810-027A
G208	8/14/2023	11:09	1109	16	60.8	6.91	726.4	726.4	1.45	1.82	106.5			14.08			23071810-028A
G209	8/14/2023	10:46	1046	15.4	59.72	6.6	1635.8	1635.8	0.78	3.09	83.7			13.79			23071810-029A
G210	8/14/2023	10:29	1029	15.9	60.62	6.92	1180.2	1180.2	1.19	5.18	131.1			13.27			23071810-030A
G211	8/14/2023	12:36	1236	15.6	60.08	6.9	1067.1	1067.1	0.59	16.82	16.2			13.44			23071810-031A
G212	8/10/2023	15:28	1528	17.6	63.68	7.22	905.7	905.7	2.95	3.86	68.2			14.61			23071810-032A
G213	8/10/2023	15:08	1508	17.6	63.68	7.16	876.7	876.7	1.78	7.43	101.6			15.05			23071810-033A
G214	8/10/2023	14:50	1450	17.6	63.68	7.13	1224.7	1224.7	1.1	6.04	89.7			17.64			23071810-034A
G215	8/10/2023	14:16	1416	15.6	60.08	6.95	2327	2327	0.71	8.26	92.7			17.22			23071810-035A
G216	8/10/2023	13:47	1347	16.5	61.7	6.95	2888.5	2888.5	1.35	4.01	17			16.51			23071810-036A
G217	8/10/2023	13:25	1325	15.6	60.08	6.92	1968.2	1968.2	1.03	7.19	77.1			18.29			23071810-037A
G218	8/10/2023	12:53	1253	15.2	59.36	6.94	1995.5	1995.5	0.76	22.07	70.1			16.98			23071810-038A
G270	8/14/2023	13:45	1345	15.2	59.36	6.84	935.7	935.7	1.64	5.26	77.7			8.52			23071810-039A
G271	8/14/2023	13:15	1315	17.2	62.96	6.97	1187.5	1187.5	3.16	10.18	75.2			11.2			23071810-040A
G272	8/14/2023	14:11	1411	18	64.4	6.9	1619.9	1619.9	1.98	3.07	90.4			10.55			23071810-041A
G273	8/14/2023	14:32	1432	16.6	61.88	6.76	2056.1	2056.1	1.06	2.18	102.8			11.56			23071810-042A
G274	8/14/2023	12:00	1200	15.6	60.08	7.53	1691.3	1691.3	2.16	9.78	-1.2			14.99			23071810-043A
														dry			23071810-044A
G275D	8/14/2023	11:19	1119	15.6	60.08	7.51	2485.7	2485.7	0.54	14.23	-132			31.27			23071810-045A
G276	8/14/2023	12:35	1235	16.2	61.16	7.16	2193.7	2193.7	1.6	9.03	33.6			27.75			23071810-046A
														19.76			23071810-047A
														20.98			23071810-048A
														23.69			23071810-049A
G280	8/14/2023	14:58	1458	15.5	59.9	7.45	1479.7	1479.7	1.01	8.52	30.9			5.8			23071810-050A
G281	8/14/2023	16:06	1606	18.6	65.48	6.76	1742.6	1742.6	1.74	6.36	101.6			6.39			23071810-051A
G283	8/15/2023	11:45	1145	14.8	58.64	7.07	2098.9	2098.9	0.53	10.21	-71			7.45			23071810-052A
G284	8/15/2023	10:10	1010	17	62.6	7.16	1930.2	1930.2	4.05	6.02	126.4			12.28			23071810-053A
G285	8/15/2023	11:04	1104	14.3	57.74	6.72	3429.4	3429.4	0.69	7.32	54.2			8.44			23071810-054A
														dry			23071810-055A

Site Sampling Event	Coffeen 3Q
LIMS Workorder	23071810
Technician	JC,JR

Summary of Stabilized Field Parameters

Well ID	Date	Time	Time (adj)	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)	DTB (ft)	DTW (ft)	MP Elev (ft)	GW Elev (ft)	LIMS ID
																	23071810-056A
														8.7			23071810-057A
G301	8/9/2023	11:13	1113	16.5	61.7	6.36	2193.8	2193.8	0.44	8.36	-95.6			8.11			23071810-058A
G302	8/9/2023	11:55	1155	16	60.8	6.49	2460.5	2460.5	2.22	8.1	-79.8			12.68			23071810-059A
G303	8/9/2023	15:26	1526	15.4	59.72	6.8	3751	3751	2.18	43.08	-90.7			8.4			23071810-060A
G305	8/10/2023	12:36	1236	15.4	59.72	7.3	3225.9	3225.9	1.76	13.09	-41.1			9.19			23071810-061A
G306	8/10/2023	11:01	1101	14.5	58.1	6.16	1217.8	1217.8	2.76	320.29	142.7			9.7			23071810-062A
														0.7			23071810-063A
G307D	8/10/2023	12:12	1212	19.8	67.64	7.17	2580.7	2580.7	0.79	19.76	-70.2			7.89			23071810-064A
G308	8/10/2023	13:00	1300	16.2	61.16	7.26	3503.9	3503.9	0.49	8.98	-3			5.09			23071810-065A
														8.04			23071810-066A
G310	8/9/2023	10:36	1036	15.5	59.9	6.78	2641.5	2641.5	0.48	1.13	99.4			10.3			23071810-067A
G312	8/9/2023	12:28	1228	16.6	61.88	6.1	3871.4	3871.4	0.53	8.2	3.4			14			23071810-068A
G313	8/9/2023	14:12	1412	18.1	64.58	6.68	3376.8	3376.8	0.44	9.32	-36.3			3.01			23071810-069A
G314	8/9/2023	14:33	1433	16.7	62.06	6.39	6681.4	6681.4	0.45	2.24	-41.1			4.88			23071810-070A
G314D	8/9/2023	14:53	1453	15.1	59.18	6.8	5231.5	5231.5	0.64	9.63	-45.2			7.78			23071810-071A
G315	8/10/2023	11:29	1129	16.1	60.98	6.69	2599.6	2599.6	0.81	9.22	98.2			3.5			23071810-072A
G316	8/9/2023	13:43	1343	16.1	60.98	6.73	3742.6	3742.6	0.53	9.87	-114.1			11.7			23071810-073A
														Dry			23071810-074A
G401	8/11/2023	11:22	1122	17.5	63.5	5.98	4906.9	4906.9	0.5	6.79	-29.8			21.75			23071810-075A
G402	8/11/2023	12:09	1209	18.1	64.58	7.29	2822.2	2822.2	8.19	80.95	23.1			11.65			23071810-076A
G403	8/11/2023	10:51	1051	18.7	65.66	7.09	1168.7	1168.7	3.06	8.33	-7.6			7.45			23071810-077A
G404	8/14/2023	15:46	1546	19.4	66.92	6.77	2818.9	2818.9	0.48	5.21	65.9			5.62			23071810-078A
G405	8/11/2023	12:41	1241	18.2	64.76	7.09	3392.5	3392.5	1.83	4.72	-21.4			6.85			23071810-079A
G406	8/11/2023	10:13	1013	16.9	62.42	6.73	2273.7	2273.7	2.27	4.1	80.7			11.49			23071810-080A
G407	8/10/2023	14:32	1432	19.2	66.56	6.83	3982.7	3982.7	0.8	9.8	11.6			8.79			23071810-081A
G410	8/10/2023	14:58	1458	19	66.2	6.64	2343.6	2343.6	2.04	2.71	-0.5			9.66			23071810-082A
G411	8/10/2023	15:24	1524	15.7	60.26	7.42	1631.5	1631.5	0.55	4.3	-1.2			8.69			23071810-083A
														6.32			23071810-084A
																	23071810-085A
																	23071810-086A
														30.65			23071810-087A
														8.57			23071810-088A
														8			23071810-089A
														13.93			23071810-090A
														12.97			23071810-091A
														11.63			23071810-092A
														10.6			23071810-093A
NE RISER	8/15/2023	13:12	1312	19.2	66.56	7	28401.7	28401.7	0.56	4.66	178			NA			23071810-094A
R104	8/10/2023	8:40	0840	16.6	61.88	7.08	1035	1035	2.5	2.45	167.4			10.45			23071810-095A
														11.61			23071810-096A
R205	8/14/2023	15:34	1534	16.4	61.52	6.54	1844.8	1844.8	1.09	8.29	90.1			9.69			23071810-097A
																	23071810-098A
														9.65			23071810-099A
																	23071810-100A
T127	8/9/2023	11:07	1107	15.7	60.26	6.97	1057.7	1057.7	0.9	8.05	147.5			15.2			23071810-101A
T128	8/9/2023	14:16	1416	15.6	60.08	7.02	949.2	949.2	1.84	2.6	142			14.8			23071810-102A
X201	8/15/2023	12:53	1253	26.2	79.16	4.39	37586.6	37586.6	7.66	5.41	229.1						23071810-103A
XPW01	8/10/2023	13:22	1322	18.3	64.94	7.66	2416.6	2416.6	0.47	3.47	-103.6			5.29			23071810-104A
XPW02	8/10/2023	13:45	1345	18.7	65.66	7.58	1281.9	1281.9	0.46	2.61	-111.2			10.3			23071810-105A
														6.25			23071810-106A
																	23071810-107A
																	23071810-108A
																	23071810-109A
																	23071810-110A

Site Sampling Event	Coffeen 3Q
LIMS Workorder	23071810
Technician	JC,JR

Summary of Stabilized Field Parameters

Well ID	Date	Time	Time (adj)	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)	DTB (ft)	DTW (ft)	MP Elev (ft)	GW Elev (ft)	LIMS ID
																	23071810-111A
																	23071810-112A
G308 (resample)	9/19/2023	11:00	1100	18.3	64.94	7.08	2190.4	2190.4	0.26	2.44	64.8			6.22			23071810-113A
x201 (resample)	9/19/2023	10:17	1017	22.3	72.14	5.71	24996.5	24996.5	8.73	10.1	209.5			35.29			23071810-114A

Site Sampling Event	Coffeen 3Q
LIMS Workorder	23071810-001A
Technician	JC,JR

Groundwater Sampling Field Form - Groundwater Quality Parameters

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
G101	8/9/2023	14:30	1430	11.16		14.8	58.64	7.1	1378.7	1378.7	1.27	42.18	151.8	
G101	8/9/2023	14:33	1433	11.16		14.7	58.46	7.09	1381.4	1381.4	0.78	34.03	151.5	
G101	8/9/2023	14:36	1436	11.16		14.6	58.28	7.09	1375.3	1375.3	0.66	26.56	151.5	
G101	8/9/2023	14:39	1439	11.16		14.6	58.28	7.09	1369.7	1369.7	0.62	23.31	151.5	
G101	8/9/2023	14:42	1442	11.16		14.7	58.46	7.09	1363.1	1363.1	0.59	17.74	151.3	
G101	8/9/2023	14:45	1445	11.16		14.7	58.46	7.1	1356.1	1356.1	0.57	16.73	151.3	
G101	8/9/2023	14:48	1448	11.16		14.6	58.28	7.1	1353.1	1353.1	0.56	15.14	151.2	
G101	8/9/2023	14:51	1451	11.16		14.6	58.28	7.1	1346.1	1346.1	0.55	14.08	151.1	

Site Sampling Event	Coffeen 3Q
LIMS Workorder	23071810-002A
Technician	JC,JR

Groundwater Sampling Field Form - Groundwater Quality Parameters

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
G102	8/9/2023	15:01	1501	10.34		17.3	63.14	7.45	880.9	880.9	4.82	7.47	148.4	
G102	8/9/2023	15:04	1504	10.34		15.8	60.44	7.27	1192	1192	1.33	20.67	157.6	
G102	8/9/2023	15:07	1507	10.34		15.9	60.62	7.25	1155.5	1155.5	1.09	10.94	156.2	

Site Sampling Event	Coffeen 3Q
LIMS Workorder	23071810-003A
Technician	JC,JR

Groundwater Sampling Field Form - Groundwater Quality Parameters

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
G103	8/10/2023	8:17	0817	13.53		15.8	60.44	6.47	1117	1117	1.8	11.86	173.9	
G103	8/10/2023	8:20	0820	13.53		16.7	62.06	6.66	1112.9	1112.9	2.12	7.43	166.3	
G103	8/10/2023	8:23	0823	13.53		17	62.6	6.77	1123.8	1123.8	2.2	5.84	163.4	

Site Sampling Event	Coffeen 3Q
LIMS Workorder	23071810-004A
Technician	JC,JR

Groundwater Sampling Field Form - Groundwater Quality Parameters

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
G105	8/10/2023	8:53	0853	10.84		16.2	61.16	6.95	1106.6	1106.6	1.81	9.4	-45.9	
G105	8/10/2023	8:56	0856	10.84		16.2	61.16	6.95	1106.1	1106.1	1.63	4.92	-73.4	
G105	8/10/2023	8:59	0859	10.84		16.2	61.16	6.97	1103.9	1103.9	1.67	3.87	-81.6	

Site Sampling Event	Coffeen 3Q
LIMS Workorder	23071810-005A
Technician	JC,JR

Groundwater Sampling Field Form - Groundwater Quality Parameters

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
G106	8/10/2023	9:10	0910	12.17		16.7	62.06	7.11	1324.4	1324.4	4.45	4.91	33.4	
G106	8/10/2023	9:13	0913	12.17		16.3	61.34	6.94	1249.5	1249.5	1.53	4.41	33.2	
G106	8/10/2023	9:16	0916	12.17		16.8	62.24	6.88	1241	1241	1.72	2.63	35.7	

Site Sampling Event	Coffeen 3Q
LIMS Workorder	23071810-006A
Technician	JC,JR

Groundwater Sampling Field Form - Groundwater Quality Parameters

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
G107	8/10/2023	9:31	0931	12.76		16.7	62.06	7.06	995.7	995.7	2.47	16.47	75.1	
G107	8/10/2023	9:34	0934	12.76		16.6	61.88	7.04	996.4	996.4	2.66	13.51	77.2	
G107	8/10/2023	9:37	0937	12.76		16.6	61.88	7.04	997	997	2.49	10.74	79.1	
G107	8/10/2023	9:40	0940	12.76		16.5	61.7	7.03	999.6	999.6	2.27	9.9	80.6	
G107	8/10/2023	9:43	0943	12.76		16.4	61.52	7.03	1000.5	1000.5	1.96	10.32	81.9	

Site Sampling Event	Coffeen 3Q
LIMS Workorder	23071810-007A
Technician	JC,JR

Groundwater Sampling Field Form - Groundwater Quality Parameters

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
G108	8/9/2023	9:42	0942	13.24		16	60.8	6.3	1017.1	1017.1	2.91	10.11	94	
G108	8/9/2023	9:45	0945	13.24		16	60.8	6.56	1000.1	1000.1	1.93	5.8	58.9	
G108	8/9/2023	9:48	0948	13.24		16	60.8	6.68	999.2	999.2	2.06	6.07	55.9	

Site Sampling Event	Coffeen 3Q
LIMS Workorder	23071810-008A
Technician	JC,JR

Groundwater Sampling Field Form - Groundwater Quality Parameters

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
G109	8/9/2023	10:04	1004	13.64		15.7	60.26	6.8	1258	1258	1.49	32.33	114.6	
G109	8/9/2023	10:07	1007	13.64		15.7	60.26	6.8	1260.4	1260.4	1.57	33.1	114.2	
G109	8/9/2023	10:10	1010	13.64		15.7	60.26	6.81	1261	1261	1.57	33.29	114.5	

Site Sampling Event	Coffeen 3Q
LIMS Workorder	23071810-009A
Technician	JC,JR

Groundwater Sampling Field Form - Groundwater Quality Parameters

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
G110	8/9/2023	10:22	1022	14.16		16	60.8	6.74	1204.2	1204.2	1.46	9.43	124.7	
G110	8/9/2023	10:25	1025	14.16		16.1	60.98	6.73	1209.9	1209.9	1.26	7.1	123	
G110	8/9/2023	10:28	1028	14.16		16.1	60.98	6.73	1210.9	1210.9	1.33	9.14	121	

Site Sampling Event	Coffeen 3Q
LIMS Workorder	23071810-010A
Technician	JC,JR

Groundwater Sampling Field Form - Groundwater Quality Parameters

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
G111	8/9/2023	10:41	1041	14.95		16.1	60.98	7.04	1228.8	1228.8	2.3	9.47	138.4	
G111	8/9/2023	10:44	1044	14.95		16.2	61.16	6.96	1181.1	1181.1	1.36	5.44	135.7	
G111	8/9/2023	10:47	1047	14.95		16.2	61.16	6.94	1179.7	1179.7	1.17	4.94	135	

Site Sampling Event	Coffeen 3Q
LIMS Workorder	23071810-011A
Technician	JC,JR

Groundwater Sampling Field Form - Groundwater Quality Parameters

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
G119	8/9/2023	11:26	1126	15.65		16.4	61.52	7.12	943.7	943.7	2.4	14.31	151	
G119	8/9/2023	11:29	1129	15.65		16.5	61.7	7.1	941.1	941.1	2	15.55	151.2	
G119	8/9/2023	11:32	1132	15.65		16.4	61.52	7.1	942.6	942.6	1.69	18.75	150.9	

Site Sampling Event	Coffeen 3Q
LIMS Workorder	23071810-012A
Technician	JC,JR

Groundwater Sampling Field Form - Groundwater Quality Parameters

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
G120	8/9/2023	11:43	1143	16.31		18.6	65.48	7.25	1101.7	1101.7	7.77	9.79	158.4	
G120	8/9/2023	11:46	1146	16.31		16.4	61.52	7.07	1167	1167	3.91	9.91	160.2	
G120	8/9/2023	11:49	1149	16.31		16.4	61.52	6.99	1168.8	1168.8	3.79	16.25	160.6	

Site Sampling Event	Coffeen 3Q
LIMS Workorder	23071810-013A
Technician	JC,JR

Groundwater Sampling Field Form - Groundwater Quality Parameters

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
G121	8/9/2023	12:10	1210	18.4		16.4	61.52	6.92	1262.7	1262.7	3.63	21.19	164.7	
G121	8/9/2023	12:13	1213	18.4		16.4	61.52	6.89	1270.5	1270.5	3.03	16.92	165.2	
G121	8/9/2023	12:16	1216	18.4		16.4	61.52	6.89	1274	1274	2.4	13.09	164.8	
G121	8/9/2023	12:19	1219	18.4		16.2	61.16	6.89	1274.6	1274.6	2.07	11.92	164.3	

Site Sampling Event	Coffeen 3Q
LIMS Workorder	23071810-014A
Technician	JC,JR

Groundwater Sampling Field Form - Groundwater Quality Parameters

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
G122	8/9/2023	12:31	1231	19.54		16.7	62.06	7.06	1668.6	1668.6	4.74	9.44	170.9	
G122	8/9/2023	12:34	1234	19.54		15.6	60.08	6.84	1609.6	1609.6	2.32	6.21	171.1	
G122	8/9/2023	12:37	1237	19.54		15.5	59.9	6.77	1614.8	1614.8	2.21	9.19	171.1	

Site Sampling Event	Coffeen 3Q
LIMS Workorder	23071810-015A
Technician	JC,JR

Groundwater Sampling Field Form - Groundwater Quality Parameters

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
G123	8/9/2023	12:51	1251	18.57		15.6	60.08	7.03	1264.1	1264.1	2.42	9.84	134.5	
G123	8/9/2023	12:54	1254	18.57		15.3	59.54	7.02	1280.7	1280.7	1.66	7.4	128.4	
G123	8/9/2023	12:57	1257	18.57		15.3	59.54	7.01	1275	1275	1.51	10.26	124.7	

Site Sampling Event	Coffeen 3Q
LIMS Workorder	23071810-016A
Technician	JC,JR

Groundwater Sampling Field Form - Groundwater Quality Parameters

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
G124	8/9/2023	13:07	1307	18.49		18.4	65.12	7.37	1097.8	1097.8	8.04	9.42	132.6	
G124	8/9/2023	13:10	1310	18.49		15.5	59.9	7.15	1162.7	1162.7	1.95	6.84	138.4	
G124	8/9/2023	13:13	1313	18.49		15.5	59.9	7.09	1147.8	1147.8	2.72	8.55	139.3	

Site Sampling Event	Coffeen 3Q
LIMS Workorder	23071810-017A
Technician	JC,JR

Groundwater Sampling Field Form - Groundwater Quality Parameters

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
G125	8/9/2023	13:21	1321	18.53		16	60.8	7.25	1190.5	1190.5	6.06	4.87	149	
G125	8/9/2023	13:24	1324	18.53		15.4	59.72	7.16	1172.5	1172.5	4.27	3.44	151.3	
G125	8/9/2023	13:27	1327	18.53		15.5	59.9	7.15	1161.3	1161.3	4.64	7.25	151.9	

Site Sampling Event	Coffeen 3Q
LIMS Workorder	23071810-018A
Technician	JC,JR

Groundwater Sampling Field Form - Groundwater Quality Parameters

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
G126	8/9/2023	13:55	1355	10.93		16.7	62.06	7.27	1186.8	1186.8	4.06	5.74	146.7	
G126	8/9/2023	13:58	1358	10.93		16.2	61.16	7.09	1184.8	1184.8	1.79	5.07	146.4	
G126	8/9/2023	14:01	1401	10.93		16.5	61.7	7.05	1178.4	1178.4	2.17	4.66	145.9	

Site Sampling Event	Coffeen 3Q
LIMS Workorder	23071810-019A
Technician	JC,JR

Groundwater Sampling Field Form - Groundwater Quality Parameters

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
G151	8/10/2023	10:04	1004	12.22		16.1	60.98	7.15	1228.9	1228.9	1.99	9.9	120.9	
G151	8/10/2023	10:07	1007	12.22		16	60.8	7.14	1213.3	1213.3	2	6.01	119.4	
G151	8/10/2023	10:10	1010	12.22		16.2	61.16	7.14	1214.2	1214.2	2.04	3.34	119	

Site Sampling Event	Coffeen 3Q
LIMS Workorder	23071810-020A
Technician	JC,JR

Groundwater Sampling Field Form - Groundwater Quality Parameters

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
G152	8/10/2023	12:03	1203	12.4		15.8	60.44	7.07	1157.3	1157.3	1.03	110.81	19.2	
G152	8/10/2023	12:06	1206	12.4		15.8	60.44	7.05	1174	1174	1.28	139.26	21.3	
G152	8/10/2023	12:09	1209	12.4		16	60.8	7	1257.2	1257.2	1.45	303.89	22.6	

Site Sampling Event	Coffeen 3Q
LIMS Workorder	23071810-021A
Technician	JC,JR

Groundwater Sampling Field Form - Groundwater Quality Parameters

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
G153	8/10/2023	11:32	1132	13.08		16.7	62.06	6.71	5483.7	5483.7	1.05	10.62	4.5	
G153	8/10/2023	11:35	1135	13.08		16.7	62.06	6.72	5445.8	5445.8	1.01	7.56	2.2	
G153	8/10/2023	11:38	1138	13.08		16.7	62.06	6.73	5394.8	5394.8	0.97	6.15	3.8	

Site Sampling Event	Coffeen 3Q
LIMS Workorder	23071810-022A
Technician	JC,JR

Groundwater Sampling Field Form - Groundwater Quality Parameters

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
G154	8/10/2023	11:04	1104	14.6		16.2	61.16	7.31	893.8	893.8	2.47	33.54	120.1	
G154	8/10/2023	11:07	1107	14.6		16.2	61.16	7.3	892.2	892.2	2.74	20.46	120.9	
G154	8/10/2023	11:10	1110	14.6		16.3	61.34	7.31	889.8	889.8	3	14.72	121.6	
G154	8/10/2023	11:13	1113	14.6		16.2	61.16	7.3	890.8	890.8	2.84	12.36	122.2	

Site Sampling Event	Coffeen 3Q
LIMS Workorder	23071810-023A
Technician	JC,JR

Groundwater Sampling Field Form - Groundwater Quality Parameters

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
G155	8/10/2023	10:40	1040	13.21		16.8	62.24	7.17	1217	1217	2.76	17.69	113.4	
G155	8/10/2023	10:43	1043	13.21		16.7	62.06	7.17	1217.6	1217.6	2.39	140.66	114.7	
G155	8/10/2023	10:46	1046	13.21		16.6	61.88	7.16	1219.7	1219.7	2.01	448.4	115.8	

Site Sampling Event	Coffeen 3Q
LIMS Workorder	23071810-024A
Technician	JC,JR

Groundwater Sampling Field Form - Groundwater Quality Parameters

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
G200														

Site Sampling Event	Coffeen 3Q
LIMS Workorder	23071810-025A
Technician	JC,JR

Groundwater Sampling Field Form - Groundwater Quality Parameters

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
G206	8/14/2023	11:46	1146	13.89		15.9	60.62	6.96	1122.7	1122.7	1.67	5.91	-149.1	
G206	8/14/2023	11:49	1149	13.89		16	60.8	6.93	1123.5	1123.5	1.04	3.68	-184.6	
G206	8/14/2023	11:52	1152	13.89		16.1	60.98	6.93	1115.4	1115.4	0.9	3.11	-187.9	

Site Sampling Event	Coffeen 3Q
LIMS Workorder	23071810-026A
Technician	JC,JR

Groundwater Sampling Field Form - Groundwater Quality Parameters

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
G206D	8/14/2023	11:28	1128	30.04		15.8	60.44	6.84	1388.1	1388.1	1.39	4.34	50.3	
G206D	8/14/2023	11:31	1131	30.04		15.5	59.9	6.88	1387.9	1387.9	0.78	9.25	-16.9	
G206D	8/14/2023	11:34	1134	30.04		15.4	59.72	6.94	1384.2	1384.2	0.66	6.89	-48.1	

Site Sampling Event	Coffeen 3Q
LIMS Workorder	23071810-027A
Technician	JC,JR

Groundwater Sampling Field Form - Groundwater Quality Parameters

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
G207	8/15/2023	9:07	0907	14.2		16.4	61.52	6.34	1135.2	1135.2	1.87	53.97	130	
G207	8/15/2023	9:10	0910	14.2		17.2	62.96	6.52	1136	1136	1.58	43.29	104.6	
G207	8/15/2023	9:13	0913	14.2		17.5	63.5	6.61	1136.7	1136.7	1.47	41.59	88.1	

Site Sampling Event	Coffeen 3Q
LIMS Workorder	23071810-028A
Technician	JC,JR

Groundwater Sampling Field Form - Groundwater Quality Parameters

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
G208	8/14/2023	11:03	1103	14.08		15.8	60.44	7.05	727.3	727.3	1.47	3.53	103.8	
G208	8/14/2023	11:06	1106	14.08		15.9	60.62	6.95	727.1	727.1	1.32	3.1	105.3	
G208	8/14/2023	11:09	1109	14.08		16	60.8	6.91	726.4	726.4	1.45	1.82	106.5	

Site Sampling Event	Coffeen 3Q
LIMS Workorder	23071810-029A
Technician	JC,JR

Groundwater Sampling Field Form - Groundwater Quality Parameters

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
G209	8/14/2023	10:40	1040	13.79		15.6	60.08	6.66	1645.8	1645.8	1.46	7.11	131.7	
G209	8/14/2023	10:43	1043	13.79		15.5	59.9	6.61	1636.6	1636.6	0.89	3.46	103.7	
G209	8/14/2023	10:46	1046	13.79		15.4	59.72	6.6	1635.8	1635.8	0.78	3.09	83.7	

Site Sampling Event	Coffeen 3Q
LIMS Workorder	23071810-030A
Technician	JC,JR

Groundwater Sampling Field Form - Groundwater Quality Parameters

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
G210	8/14/2023	10:23	1023	13.27		16.5	61.7	7.77	1196.4	1196.4	2.85	5.79	90.9	
G210	8/14/2023	10:26	1026	13.27		15.9	60.62	7.1	1181.6	1181.6	1.92	5.48	119.8	
G210	8/14/2023	10:29	1029	13.27		15.9	60.62	6.92	1180.2	1180.2	1.19	5.18	131.1	

Site Sampling Event	Coffeen 3Q
LIMS Workorder	23071810-031A
Technician	JC,JR

Groundwater Sampling Field Form - Groundwater Quality Parameters

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
G211	8/14/2023	12:27	1227	13.44		15.7	60.26	6.91	1065.1	1065.1	0.66	27.41	20.1	
G211	8/14/2023	12:30	1230	13.44		15.8	60.44	6.91	1063.8	1063.8	0.63	23.39	18.5	
G211	8/14/2023	12:33	1233	13.44		15.7	60.26	6.9	1065.8	1065.8	0.6	18.82	17.2	
G211	8/14/2023	12:36	1236	13.44		15.6	60.08	6.9	1067.1	1067.1	0.59	16.82	16.2	

Site Sampling Event	Coffeen 3Q
LIMS Workorder	23071810-032A
Technician	JC,JR

Groundwater Sampling Field Form - Groundwater Quality Parameters

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
G212	8/10/2023	15:22	1522	14.61		19.6	67.28	7.32	911	911	6.18	4.44	73.8	
G212	8/10/2023	15:25	1525	14.61		18	64.4	7.27	910.5	910.5	3.6	3.83	63	
G212	8/10/2023	15:28	1528	14.61		17.6	63.68	7.22	905.7	905.7	2.95	3.86	68.2	

Site Sampling Event	Coffeen 3Q
LIMS Workorder	23071810-033A
Technician	JC,JR

Groundwater Sampling Field Form - Groundwater Quality Parameters

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
G213	8/10/2023	15:02	1502	15.05		19.7	67.46	7.46	904.7	904.7	4.43	8.09	100.3	
G213	8/10/2023	15:05	1505	15.05		17.8	64.04	7.25	884.7	884.7	2.24	9.85	101.4	
G213	8/10/2023	15:08	1508	15.05		17.6	63.68	7.16	876.7	876.7	1.78	7.43	101.6	

Site Sampling Event	Coffeen 3Q
LIMS Workorder	23071810-034A
Technician	JC,JR

Groundwater Sampling Field Form - Groundwater Quality Parameters

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
G214	8/10/2023	14:35	1435	17.64		20	68	7.7	1212.2	1212.2	6.38	7.07	106.5	
G214	8/10/2023	14:44	1444	17.64		17.5	63.5	7.17	1219.9	1219.9	1.31	9.91	94	
G214	8/10/2023	14:47	1447	17.64		17.6	63.68	7.14	1219.2	1219.2	1.2	6.04	91.6	
G214	8/10/2023	14:50	1450	17.64		17.6	63.68	7.13	1224.7	1224.7	1.1	6.04	89.7	

Site Sampling Event	Coffeen 3Q
LIMS Workorder	23071810-035A
Technician	JC,JR

Groundwater Sampling Field Form - Groundwater Quality Parameters

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
G215	8/10/2023	14:07	1407	17.22		15.6	60.08	6.98	2335	2335	0.82	22.1	100.4	
G215	8/10/2023	14:10	1410	17.22		15.6	60.08	6.97	2325.4	2325.4	0.77	14.5	98.2	
G215	8/10/2023	14:13	1413	17.22		15.5	59.9	6.96	2325	2325	0.77	11.05	95.5	
G215	8/10/2023	14:16	1416	17.22		15.6	60.08	6.95	2327	2327	0.71	8.26	92.7	

Site Sampling Event	Coffeen 3Q
LIMS Workorder	23071810-036A
Technician	JC,JR

Groundwater Sampling Field Form - Groundwater Quality Parameters

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
G216	8/10/2023	13:41	1341	16.51		17.2	62.96	6.97	2897.4	2897.4	1.9	9.91	45.9	
G216	8/10/2023	13:44	1344	16.51		17	62.6	6.95	2892.3	2892.3	1.57	4.78	27.1	
G216	8/10/2023	13:47	1347	16.51		16.5	61.7	6.95	2888.5	2888.5	1.35	4.01	17	

Site Sampling Event	Coffeen 3Q
LIMS Workorder	23071810-037A
Technician	JC,JR

Groundwater Sampling Field Form - Groundwater Quality Parameters

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
G217	8/10/2023	13:19	1319	18.29		15.6	60.08	6.94	1964.3	1964.3	1.35	12.87	82.7	
G217	8/10/2023	13:22	1322	18.29		15.7	60.26	6.93	1968.7	1968.7	1.17	8.77	79.7	
G217	8/10/2023	13:25	1325	18.29		15.6	60.08	6.92	1968.2	1968.2	1.03	7.19	77.1	

Site Sampling Event	Coffeen 3Q
LIMS Workorder	23071810-038A
Technician	JC,JR

Groundwater Sampling Field Form - Groundwater Quality Parameters

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
G218	8/10/2023	12:47	1247	16.98		15.5	59.9	7.04	1902.4	1902.4	1.12	18.46	96.6	
G218	8/10/2023	12:50	1250	16.98		15.4	59.72	6.97	1956.1	1956.1	0.94	21.41	82.3	
G218	8/10/2023	12:53	1253	16.98		15.2	59.36	6.94	1995.5	1995.5	0.76	22.07	70.1	

Site Sampling Event	Coffeen 3Q
LIMS Workorder	23071810-039A
Technician	JC,JR

Groundwater Sampling Field Form - Groundwater Quality Parameters

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
G270	8/14/2023	13:39	1339	8.52		15.5	59.9	6.89	936.9	936.9	1.87	10	77.5	
G270	8/14/2023	13:42	1342	8.52		15.3	59.54	6.86	936.3	936.3	1.81	6.53	77.6	
G270	8/14/2023	13:45	1345	8.52		15.2	59.36	6.84	935.7	935.7	1.64	5.26	77.7	

Site Sampling Event	Coffeen 3Q
LIMS Workorder	23071810-040A
Technician	JC,JR

Groundwater Sampling Field Form - Groundwater Quality Parameters

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
G271	8/14/2023	13:09	1309	11.2		17.2	62.96	6.98	1164.4	1164.4	3.24	5.25	76.5	
G271	8/14/2023	13:12	1312	11.2		17.4	63.32	7	1169.4	1169.4	3.65	12.7	76	
G271	8/14/2023	13:15	1315	11.2		17.2	62.96	6.97	1187.5	1187.5	3.16	10.18	75.2	

Site Sampling Event	Coffeen 3Q
LIMS Workorder	23071810-041A
Technician	JC,JR

Groundwater Sampling Field Form - Groundwater Quality Parameters

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
G272	8/14/2023	14:05	1405	10.55		17.6	63.68	6.93	1838.7	1838.7	1.47	9.39	92.7	
G272	8/14/2023	14:08	1408	10.55		17.9	64.22	6.9	1617.7	1617.7	1.64	4.03	90.7	
G272	8/14/2023	14:11	1411	10.55		18	64.4	6.9	1619.9	1619.9	1.98	3.07	90.4	

Site Sampling Event	Coffeen 3Q
LIMS Workorder	23071810-042A
Technician	JC,JR

Groundwater Sampling Field Form - Groundwater Quality Parameters

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
G273	8/14/2023	14:26	1426	11.56		16.9	62.42	6.89	2069.2	2069.2	1.56	9.28	107.1	
G273	8/14/2023	14:29	1429	11.56		16.7	62.06	6.79	2047.3	2047.3	1.21	3.98	104.7	
G273	8/14/2023	14:32	1432	11.56		16.6	61.88	6.76	2056.1	2056.1	1.06	2.18	102.8	

Site Sampling Event	Coffeen 3Q
LIMS Workorder	23071810-043A
Technician	JC,JR

Groundwater Sampling Field Form - Groundwater Quality Parameters

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
G274	8/14/2023	11:54	1154	14.99		15.8	60.44	7.9	1491.8	1491.8	2.2	6.95	-9.1	
G274	8/14/2023	11:57	1157	14.99		15.7	60.26	7.65	1612.6	1612.6	2.33	12.33	-4.6	
G274	8/14/2023	12:00	1200	14.99		15.6	60.08	7.53	1691.3	1691.3	2.16	9.78	-1.2	

Site Sampling Event	Coffeen 3Q
LIMS Workorder	23071810-044A
Technician	JC,JR

Groundwater Sampling Field Form - Groundwater Quality Parameters

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
G275														

Site Sampling Event	Coffeen 3Q
LIMS Workorder	23071810-045A
Technician	JC,JR

Groundwater Sampling Field Form - Groundwater Quality Parameters

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
G275D	8/14/2023	11:13	1113	31.27		15.7	60.26	7.46	2485.3	2485.3	0.68	12.48	-119.1	
G275D	8/14/2023	11:16	1116	31.27		15.5	59.9	7.48	2483.4	2483.4	0.57	14.4	-124.5	
G275D	8/14/2023	11:19	1119	31.27		15.6	60.08	7.51	2485.7	2485.7	0.54	14.23	-132	

Site Sampling Event	Coffeen 3Q
LIMS Workorder	23071810-046A
Technician	JC,JR

Groundwater Sampling Field Form - Groundwater Quality Parameters

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
G276	8/14/2023	12:29	1229	27.75		15.6	60.08	7.2	2217.8	2217.8	2.87	4.4	32.3	
G276	8/14/2023	12:32	1232	27.75		16	60.8	7.17	2200.8	2200.8	1.85	4.67	33.5	
G276	8/14/2023	12:35	1235	27.75		16.2	61.16	7.16	2193.7	2193.7	1.6	9.03	33.6	

Site Sampling Event	Coffeen 3Q
LIMS Workorder	23071810-047A
Technician	JC,JR

Groundwater Sampling Field Form - Groundwater Quality Parameters

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
G277														

Site Sampling Event	Coffeen 3Q
LIMS Workorder	23071810-048A
Technician	JC,JR

Groundwater Sampling Field Form - Groundwater Quality Parameters

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
G278														

Site Sampling Event	Coffeen 3Q
LIMS Workorder	23071810-049A
Technician	JC,JR

Groundwater Sampling Field Form - Groundwater Quality Parameters

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
G279														

Site Sampling Event	Coffeen 3Q
LIMS Workorder	23071810-050A
Technician	JC,JR

Groundwater Sampling Field Form - Groundwater Quality Parameters

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
G280	8/14/2023	14:52	1452	5.8		15.4	59.72	7.46	1477.7	1477.7	1.01	9.56	30.9	
G280	8/14/2023	14:55	1455	5.8		15.5	59.9	7.46	1477.3	1477.3	1	8.83	30.9	
G280	8/14/2023	14:58	1458	5.8		15.5	59.9	7.45	1479.7	1479.7	1.01	8.52	30.9	

Site Sampling Event	Coffeen 3Q
LIMS Workorder	23071810-051A
Technician	JC,JR

Groundwater Sampling Field Form - Groundwater Quality Parameters

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
G281	8/14/2023	16:00	1600	6.39		18.7	65.66	6.8	1731.6	1731.6	0.94	9.75	101.3	
G281	8/14/2023	16:03	1603	6.39		18.5	65.3	6.78	1736.2	1736.2	1.34	6.54	101.3	
G281	8/14/2023	16:06	1606	6.39		18.6	65.48	6.76	1742.6	1742.6	1.74	6.36	101.6	

Site Sampling Event	Coffeen 3Q
LIMS Workorder	23071810-052A
Technician	JC,JR

Groundwater Sampling Field Form - Groundwater Quality Parameters

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
G283	8/15/2023	11:33	1133	7.45		14.8	58.64	7.11	2101.1	2101.1	0.62	36.1	-59.5	
G283	8/15/2023	11:36	1136	7.45		14.8	58.64	7.09	2102.7	2102.7	0.58	21.89	-63.6	
G283	8/15/2023	11:39	1139	7.45		14.8	58.64	7.07	2101.1	2101.1	0.55	13.24	-66	
G283	8/15/2023	11:42	1142	7.45		14.8	58.64	7.07	2100.6	2100.6	0.53	10.82	-68.9	
G283	8/15/2023	11:45	1145	7.45		14.8	58.64	7.07	2098.9	2098.9	0.53	10.21	-71	

Site Sampling Event	Coffeen 3Q
LIMS Workorder	23071810-053A
Technician	JC,JR

Groundwater Sampling Field Form - Groundwater Quality Parameters

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
G284	8/15/2023	10:04	1004	12.28		17	62.6	7.12	1951.8	1951.8	4.74	10.72	125.6	
G284	8/15/2023	10:07	1007	12.28		17	62.6	7.15	1942.5	1942.5	4.22	6.97	125.9	
G284	8/15/2023	10:10	1010	12.28		17	62.6	7.16	1930.2	1930.2	4.05	6.02	126.4	

Site Sampling Event	Coffeen 3Q
LIMS Workorder	23071810-054A
Technician	JC,JR

Groundwater Sampling Field Form - Groundwater Quality Parameters

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
G285	8/15/2023	10:58	1058	8.44		14.2	57.56	6.89	3444.1	3444.1	1.08	27.01	94.5	
G285	8/15/2023	11:01	1101	8.44		14.2	57.56	6.75	3431.9	3431.9	0.76	11.43	64.2	
G285	8/15/2023	11:04	1104	8.44		14.3	57.74	6.72	3429.4	3429.4	0.69	7.32	54.2	

Site Sampling Event	Coffeen 3Q
LIMS Workorder	23071810-055A
Technician	JC,JR

Groundwater Sampling Field Form - Groundwater Quality Parameters

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
G286														

Site Sampling Event	Coffeen 3Q
LIMS Workorder	23071810-056A
Technician	JC,JR

Groundwater Sampling Field Form - Groundwater Quality Parameters

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
G287														

Site Sampling Event	Coffeen 3Q
LIMS Workorder	23071810-057A
Technician	JC,JR

Groundwater Sampling Field Form - Groundwater Quality Parameters

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
G288														

Site Sampling Event	Coffeen 3Q
LIMS Workorder	23071810-058A
Technician	JC,JR

Groundwater Sampling Field Form - Groundwater Quality Parameters

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
G301	8/9/2023	11:04	1104	8.11		16.6	61.88	6.41	2194	2194	0.48	24.34	-112.1	
G301	8/9/2023	11:07	1107	8.11		16.5	61.7	6.38	2195.7	2195.7	0.46	15.43	-104.8	
G301	8/9/2023	11:10	1110	8.11		16.5	61.7	6.37	2194.6	2194.6	0.45	11.43	-99.3	
G301	8/9/2023	11:13	1113	8.11		16.5	61.7	6.36	2193.8	2193.8	0.44	8.36	-95.6	

Site Sampling Event	Coffeen 3Q
LIMS Workorder	23071810-059A
Technician	JC,JR

Groundwater Sampling Field Form - Groundwater Quality Parameters

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
G302	8/9/2023	11:46	1146	12.68		16.2	61.16	6.57	2678.9	2678.9	1.84	9.54	-106.5	
G302	8/9/2023	11:49	1149	12.68		16.1	60.98	6.5	2450.4	2450.4	1.76	9.49	-96.7	
G302	8/9/2023	11:52	1152	12.68		16.1	60.98	6.49	2450.7	2450.7	2.3	11.49	-87.1	
G302	8/9/2023	11:55	1155	12.68		16	60.8	6.49	2460.5	2460.5	2.22	8.1	-79.8	

Site Sampling Event	Coffeen 3Q
LIMS Workorder	23071810-060A
Technician	JC,JR

Groundwater Sampling Field Form - Groundwater Quality Parameters

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
G303	8/9/2023	15:11	1511	8.4		15.5	59.9	6.79	3732	3732	2.14	20	-82.7	
G303	8/9/2023	15:14	1514	8.4		15.5	59.9	6.79	3715.9	3715.9	1.99	28.48	-87.5	
G303	8/9/2023	15:17	1517	8.4		15.6	60.08	6.81	3707.9	3707.9	2.25	30.54	-92.1	
G303	8/9/2023	15:20	1520	8.4		15.5	59.9	6.8	3749	3749	2.2	41.55	-90.6	
G303	8/9/2023	15:23	1523	8.4		15.5	59.9	6.81	3723.9	3723.9	2.09	39.09	-91.2	
G303	8/9/2023	15:26	1526	8.4		15.4	59.72	6.8	3751	3751	2.18	43.08	-90.7	

Site Sampling Event	Coffeen 3Q
LIMS Workorder	23071810-061A
Technician	JC,JR

Groundwater Sampling Field Form - Groundwater Quality Parameters

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
G305	8/10/2023	12:24	1224	9.19		15.9	60.62	7.3	3258.4	3258.4	1.63	11.05	-88.9	
G305	8/10/2023	12:27	1227	9.19		15.4	59.72	7.31	3222.1	3222.1	1.57	16.3	-62.1	
G305	8/10/2023	12:30	1230	9.19		15.4	59.72	7.3	3223.4	3223.4	1.51	15.19	-51.9	
G305	8/10/2023	12:33	1233	9.19		15.4	59.72	7.29	3222.7	3222.7	1.66	14.92	-45.3	
G305	8/10/2023	12:36	1236	9.19		15.4	59.72	7.3	3225.9	3225.9	1.76	13.09	-41.1	

Site Sampling Event	Coffeen 3Q
LIMS Workorder	23071810-062A
Technician	JC,JR

Groundwater Sampling Field Form - Groundwater Quality Parameters

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
G306	8/10/2023	10:16	1016	9.7		14.7	58.46	6.39	1088.6	1088.6	2.02	7.53	128.4	
G306	8/10/2023	10:19	1019	9.7		14.7	58.46	6.26	1249	1249	1.85	8.72	136.5	
G306	8/10/2023	10:22	1022	9.7		14.7	58.46	6.21	1242.2	1242.2	2.02	8.6	140.3	
G306	8/10/2023	10:25	1025	9.7		14.7	58.46	6.18	1237.1	1237.1	2.22	11.73	142.3	
G306	8/10/2023	10:28	1028	9.7		14.6	58.28	6.19	1255.4	1255.4	1.92	34.88	143.6	
G306	8/10/2023	10:31	1031	9.7		14.5	58.1	6.17	1236.5	1236.5	1.53	92.43	144.1	
G306	8/10/2023	10:45	1045	9.7		15	59	6.24	1280	1280	2.93	693.42	136.5	
G306	8/10/2023	10:49	1049	9.7		14.6	58.28	6.16	1198.4	1198.4	2.57	452.13	138.6	
G306	8/10/2023	10:52	1052	9.7		14.6	58.28	6.15	1196.3	1196.3	2.84	419.38	140.4	
G306	8/10/2023	10:55	1055	9.7		14.6	58.28	6.14	1204.2	1204.2	2.77	359.89	141.5	
G306	8/10/2023	10:58	1058	9.7		14.6	58.28	6.15	1211	1211	2.74	332.08	141.7	
G306	8/10/2023	11:01	1101	9.7		14.5	58.1	6.16	1217.8	1217.8	2.76	320.29	142.7	

Site Sampling Event	Coffeen 3Q
LIMS Workorder	23071810-063A
Technician	JC,JR

Groundwater Sampling Field Form - Groundwater Quality Parameters

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
G307														

Site Sampling Event	Coffeen 3Q
LIMS Workorder	23071810-064A
Technician	JC,JR

Groundwater Sampling Field Form - Groundwater Quality Parameters

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
G307D	8/10/2023	12:06	1206	7.89		19.9	67.82	7.16	2582.9	2582.9	0.82	23.53	-64.9	
G307D	8/10/2023	12:09	1209	7.89		19.8	67.64	7.17	2580.5	2580.5	0.8	22.16	-67.4	
G307D	8/10/2023	12:12	1212	7.89		19.8	67.64	7.17	2580.7	2580.7	0.79	19.76	-70.2	

Site Sampling Event	Coffeen 3Q
LIMS Workorder	23071810-065A
Technician	JC,JR

Groundwater Sampling Field Form - Groundwater Quality Parameters

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
G308	8/10/2023	12:54	1254	5.09		16.5	61.7	7.27	3513.5	3513.5	0.55	18.37	1.6	
G308	8/10/2023	12:57	1257	5.09		16.3	61.34	7.26	3507.1	3507.1	0.51	10.97	-1.3	
G308	8/10/2023	13:00	1300	5.09		16.2	61.16	7.26	3503.9	3503.9	0.49	8.98	-3	

Site Sampling Event	Coffeen 3Q
LIMS Workorder	23071810-066A
Technician	JC,JR

Groundwater Sampling Field Form - Groundwater Quality Parameters

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
G309														

Site Sampling Event	Coffeen 3Q
LIMS Workorder	23071810-067A
Technician	JC,JR

Groundwater Sampling Field Form - Groundwater Quality Parameters

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
G310	8/9/2023	10:27	1027	10.3		15.5	59.9	6.95	2641.3	2641.3	0.52	1.84	95	
G310	8/9/2023	10:30	1030	10.3		15.4	59.72	6.86	2642.9	2642.9	0.5	1.33	97.6	
G310	8/9/2023	10:33	1033	10.3		15.5	59.9	6.81	2640.2	2640.2	0.49	1.27	98.9	
G310	8/9/2023	10:36	1036	10.3		15.5	59.9	6.78	2641.5	2641.5	0.48	1.13	99.4	

Site Sampling Event	Coffeen 3Q
LIMS Workorder	23071810-068A
Technician	JC,JR

Groundwater Sampling Field Form - Groundwater Quality Parameters

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
G312	8/9/2023	12:19	1219	14		16.7	62.06	6.08	3296.9	3296.9	0.6	20.31	2.3	
G312	8/9/2023	12:22	1222	14		16.7	62.06	6.08	3524.2	3524.2	0.56	14.91	3.5	
G312	8/9/2023	12:25	1225	14		16.7	62.06	6.08	3722.4	3722.4	0.54	10.85	3.9	
G312	8/9/2023	12:28	1228	14		16.6	61.88	6.1	3871.4	3871.4	0.53	8.2	3.4	

Site Sampling Event	Coffeen 3Q
LIMS Workorder	23071810-069A
Technician	JC,JR

Groundwater Sampling Field Form - Groundwater Quality Parameters

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
G313	8/9/2023	14:03	1403	3.01		18.1	64.58	6.69	3374.1	3374.1	0.48	21.91	-37.9	
G313	8/9/2023	14:03	1403	3.01		18.1	64.58	6.69	3374.6	3374.6	0.48	21.57	-37.9	
G313	8/9/2023	14:06	1406	3.01		18.1	64.58	6.69	3374.6	3374.6	0.46	13.72	-37.6	
G313	8/9/2023	14:09	1409	3.01		18.1	64.58	6.68	3375.9	3375.9	0.45	12.4	-37	
G313	8/9/2023	14:12	1412	3.01		18.1	64.58	6.68	3376.8	3376.8	0.44	9.32	-36.3	

Site Sampling Event	Coffeen 3Q
LIMS Workorder	23071810-070A
Technician	JC,JR

Groundwater Sampling Field Form - Groundwater Quality Parameters

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
G314	8/9/2023	14:27	1427	4.88		16.1	60.98	6.39	6749	6749	0.57	10.35	-43.1	
G314	8/9/2023	14:27	1427	4.88		16.2	61.16	6.39	6747.9	6747.9	0.56	11.92	-42.3	
G314	8/9/2023	14:30	1430	4.88		16.4	61.52	6.39	6710.6	6710.6	0.47	50.38	-39.7	
G314	8/9/2023	14:33	1433	4.88		16.7	62.06	6.39	6681.4	6681.4	0.45	2.24	-41.1	

Site Sampling Event	Coffeen 3Q
LIMS Workorder	23071810-071A
Technician	JC,JR

Groundwater Sampling Field Form - Groundwater Quality Parameters

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
G314D	8/9/2023	14:47	1447	7.78		15.1	59.18	6.76	5244.2	5244.2	0.67	21.77	-28.7	
G314D	8/9/2023	14:50	1450	7.78		15.2	59.36	6.78	5239.2	5239.2	0.91	11.63	-39.8	
G314D	8/9/2023	14:53	1453	7.78		15.1	59.18	6.8	5231.5	5231.5	0.64	9.63	-45.2	

Site Sampling Event	Coffeen 3Q
LIMS Workorder	23071810-072A
Technician	JC,JR

Groundwater Sampling Field Form - Groundwater Quality Parameters

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
G315	8/10/2023	11:23	1123	3.5		16	60.8	6.65	2601.7	2601.7	0.88	19.13	106.9	
G315	8/10/2023	11:26	1126	3.5		15.8	60.44	6.67	2599.3	2599.3	0.8	13.24	103.3	
G315	8/10/2023	11:29	1129	3.5		16.1	60.98	6.69	2599.6	2599.6	0.81	9.22	98.2	

Site Sampling Event	Coffeen 3Q
LIMS Workorder	23071810-073A
Technician	JC,JR

Groundwater Sampling Field Form - Groundwater Quality Parameters

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
G316	8/9/2023	13:31	1331	11.7		16.3	61.34	6.73	3672.4	3672.4	0.5	12.06	-105.6	
G316	8/9/2023	13:34	1334	11.7		16.3	61.34	6.73	3692.6	3692.6	0.49	1.51	-108.8	
G316	8/9/2023	13:37	1337	11.7		16.2	61.16	6.74	3701.7	3701.7	0.51	39.31	-111.3	
G316	8/9/2023	13:40	1340	11.7		16.2	61.16	6.73	3728.2	3728.2	0.69	20.35	-112.5	
G316	8/9/2023	13:43	1343	11.7		16.1	60.98	6.73	3742.6	3742.6	0.53	9.87	-114.1	

Site Sampling Event	Coffeen 3Q
LIMS Workorder	23071810-074A
Technician	JC,JR

Groundwater Sampling Field Form - Groundwater Quality Parameters

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
G317														

Site Sampling Event	Coffeen 3Q
LIMS Workorder	23071810-075A
Technician	JC,JR

Groundwater Sampling Field Form - Groundwater Quality Parameters

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
G401	8/11/2023	11:13	1113	21.75		18	64.4	6.05	4939.5	4939.5	0.63	24.54	-33.5	
G401	8/11/2023	11:16	1116	21.75		17.8	64.04	6.04	4940.7	4940.7	0.58	31.39	-32.7	
G401	8/11/2023	11:19	1119	21.75		17.5	63.5	6.02	4931	4931	0.54	18.56	-31.8	
G401	8/11/2023	11:22	1122	21.75		17.5	63.5	5.98	4906.9	4906.9	0.5	6.79	-29.8	

Site Sampling Event	Coffeen 3Q
LIMS Workorder	23071810-076A
Technician	JC,JR

Groundwater Sampling Field Form - Groundwater Quality Parameters

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
G402	8/11/2023	12:00	1200	11.65		18.1	64.58	7.23	2804	2804	7.91	72.7	11.9	
G402	8/11/2023	12:03	1203	11.65		18	64.4	7.26	2815.2	2815.2	8.01	63.45	16.1	
G402	8/11/2023	12:06	1206	11.65		18	64.4	7.28	2827.4	2827.4	8.16	63.86	19.9	
G402	8/11/2023	12:09	1209	11.65		18.1	64.58	7.29	2822.2	2822.2	8.19	80.95	23.1	

Site Sampling Event	Coffeen 3Q
LIMS Workorder	23071810-077A
Technician	JC,JR

Groundwater Sampling Field Form - Groundwater Quality Parameters

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
G403	8/11/2023	10:39	1039	7.45		18.6	65.48	7.06	1162.3	1162.3	2.83	19.03	-0.6	
G403	8/11/2023	10:42	1042	7.45		19.3	66.74	7.06	1165.5	1165.5	3.02	19.35	-5.8	
G403	8/11/2023	10:45	1045	7.45		19.1	66.38	7.08	1168.4	1168.4	3.03	17.35	-7.7	
G403	8/11/2023	10:48	1048	7.45		18.7	65.66	7.09	1167.5	1167.5	3.03	15.43	-8.1	
G403	8/11/2023	10:51	1051	7.45		18.7	65.66	7.09	1168.7	1168.7	3.06	8.33	-7.6	

Site Sampling Event	Coffeen 3Q
LIMS Workorder	23071810-078A
Technician	JC,JR

Groundwater Sampling Field Form - Groundwater Quality Parameters

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
G404	8/14/2023	15:40	1540	5.62		19.3	66.74	6.83	2672.4	2672.4	0.49	9.46	67.3	
G404	8/14/2023	15:43	1543	5.62		19.4	66.92	6.79	2762.4	2762.4	0.47	7.19	67.3	
G404	8/14/2023	15:46	1546	5.62		19.4	66.92	6.77	2818.9	2818.9	0.48	5.21	65.9	

Site Sampling Event	Coffeen 3Q
LIMS Workorder	23071810-079A
Technician	JC,JR

Groundwater Sampling Field Form - Groundwater Quality Parameters

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
G405	8/11/2023	12:32	1232	6.85		18.9	66.02	7.29	3092.5	3092.5	2.1	11.87	-16.2	
G405	8/11/2023	12:35	1235	6.85		18.5	65.3	7.16	3317.3	3317.3	2.07	11.46	-25.5	
G405	8/11/2023	12:38	1238	6.85		18.3	64.94	7.11	3374.9	3374.9	1.98	7.74	-24.2	
G405	8/11/2023	12:41	1241	6.85		18.2	64.76	7.09	3392.5	3392.5	1.83	4.72	-21.4	

Site Sampling Event	Coffeen 3Q
LIMS Workorder	23071810-080A
Technician	JC,JR

Groundwater Sampling Field Form - Groundwater Quality Parameters

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
G406	8/11/2023	10:04	1004	11.49		18.9	66.02	6.87	2309.5	2309.5	3.86	6.51	69	
G406	8/11/2023	10:07	1007	11.49		19.7	67.46	6.83	2313.5	2313.5	3.91	6.63	74.4	
G406	8/11/2023	10:10	1010	11.49		17.7	63.86	6.77	2296.2	2296.2	2.45	3.59	78.5	
G406	8/11/2023	10:13	1013	11.49		16.9	62.42	6.73	2273.7	2273.7	2.27	4.1	80.7	

Site Sampling Event	Coffeen 3Q
LIMS Workorder	23071810-081A
Technician	JC,JR

Groundwater Sampling Field Form - Groundwater Quality Parameters

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
G407	8/10/2023	14:23	1423	8.79		19	66.2	6.83	4020.7	4020.7	0.84	11.83	10.4	
G407	8/10/2023	14:26	1426	8.79		18.9	66.02	6.84	3951.6	3951.6	0.86	11.76	10.6	
G407	8/10/2023	14:29	1429	8.79		19	66.2	6.84	3963	3963	0.84	12.12	11.1	
G407	8/10/2023	14:32	1432	8.79		19.2	66.56	6.83	3982.7	3982.7	0.8	9.8	11.6	

Site Sampling Event	Coffeen 3Q
LIMS Workorder	23071810-082A
Technician	JC,JR

Groundwater Sampling Field Form - Groundwater Quality Parameters

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
G410	8/10/2023	14:49	1449	9.66		17.7	63.86	6.81	2562.9	2562.9	1.52	3.64	1.9	
G410	8/10/2023	14:52	1452	9.66		18.6	65.48	6.66	2248.1	2248.1	1.87	3.07	4.3	
G410	8/10/2023	14:55	1455	9.66		18.8	65.84	6.62	2282.9	2282.9	1.98	2.88	4.4	
G410	8/10/2023	14:58	1458	9.66		19	66.2	6.64	2343.6	2343.6	2.04	2.71	-0.5	

Site Sampling Event	Coffeen 3Q
LIMS Workorder	23071810-083A
Technician	JC,JR

Groundwater Sampling Field Form - Groundwater Quality Parameters

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
G411	8/10/2023	15:15	1515	8.69		15.7	60.26	7.74	1499.2	1499.2	1.08	9.27	-3.3	
G411	8/10/2023	15:18	1518	8.69		15.7	60.26	7.51	1581.1	1581.1	0.68	3.93	-0.2	
G411	8/10/2023	15:21	1521	8.69		15.7	60.26	7.44	1620.3	1620.3	0.6	4.1	-0.3	
G411	8/10/2023	15:24	1524	8.69		15.7	60.26	7.42	1631.5	1631.5	0.55	4.3	-1.2	

Site Sampling Event	Coffeen 3Q
LIMS Workorder	23071810-084A
Technician	JC,JR

Groundwater Sampling Field Form - Groundwater Quality Parameters

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
G1001														

Site Sampling Event	Coffeen 3Q
LIMS Workorder	23071810-085A
Technician	JC,JR

Groundwater Sampling Field Form - Groundwater Quality Parameters

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
G1003														

Site Sampling Event	Coffeen 3Q
LIMS Workorder	23071810-086A
Technician	JC,JR

Groundwater Sampling Field Form - Groundwater Quality Parameters

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
L203														

Site Sampling Event	Coffeen 3Q
LIMS Workorder	23071810-087A
Technician	JC,JR

Groundwater Sampling Field Form - Groundwater Quality Parameters

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
MW03D														

Site Sampling Event	Coffeen 3Q
LIMS Workorder	23071810-088A
Technician	JC,JR

Groundwater Sampling Field Form - Groundwater Quality Parameters

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
MW11D														

Site Sampling Event	Coffeen 3Q
LIMS Workorder	23071810-089A
Technician	JC,JR

Groundwater Sampling Field Form - Groundwater Quality Parameters

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
MW11S														

Site Sampling Event	Coffeen 3Q
LIMS Workorder	23071810-090A
Technician	JC,JR

Groundwater Sampling Field Form - Groundwater Quality Parameters

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
MW12D														

Site Sampling Event	Coffeen 3Q
LIMS Workorder	23071810-091A
Technician	JC,JR

Groundwater Sampling Field Form - Groundwater Quality Parameters

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
MW16D														

Site Sampling Event	Coffeen 3Q
LIMS Workorder	23071810-092A
Technician	JC,JR

Groundwater Sampling Field Form - Groundwater Quality Parameters

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
MW16S														

Site Sampling Event	Coffeen 3Q
LIMS Workorder	23071810-093A
Technician	JC,JR

Groundwater Sampling Field Form - Groundwater Quality Parameters

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
MW20S														

Site Sampling Event	Coffeen 3Q
LIMS Workorder	23071810-094A
Technician	JC,JR

Groundwater Sampling Field Form - Groundwater Quality Parameters

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
NE RISER	8/15/2023	13:06	1306	NA		23.7	74.66	5.33	29297	29297	3.75	10.35	240.9	
NE RISER	8/15/2023	13:09	1309	NA		19.5	67.1	6.84	28434.9	28434.9	0.7	5.81	197.2	
NE RISER	8/15/2023	13:12	1312	NA		19.2	66.56	7	28401.7	28401.7	0.56	4.66	178	

Site Sampling Event	Coffeen 3Q
LIMS Workorder	23071810-095A
Technician	JC,JR

Groundwater Sampling Field Form - Groundwater Quality Parameters

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
R104	8/10/2023	8:34	0834	10.45		16.8	62.24	6.87	1062	1062	3.23	8.51	174.2	
R104	8/10/2023	8:37	0837	10.45		16.4	61.52	7.07	1038.4	1038.4	2.3	2.65	169	
R104	8/10/2023	8:40	0840	10.45		16.6	61.88	7.08	1035	1035	2.5	2.45	167.4	

Site Sampling Event	Coffeen 3Q
LIMS Workorder	23071810-096A
Technician	JC,JR

Groundwater Sampling Field Form - Groundwater Quality Parameters

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
R201														

Site Sampling Event	Coffeen 3Q
LIMS Workorder	23071810-097A
Technician	JC,JR

Groundwater Sampling Field Form - Groundwater Quality Parameters

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
R205	8/14/2023	15:19	1519	9.69		16.6	61.88	6.65	1849.9	1849.9	1.01	34.9	95.6	
R205	8/14/2023	15:22	1522	9.69		16.5	61.7	6.57	1853.9	1853.9	0.92	19.73	95.4	
R205	8/14/2023	15:25	1525	9.69		16.4	61.52	6.55	1853.1	1853.1	0.92	12.62	94.3	
R205	8/14/2023	15:28	1528	9.69		16.5	61.7	6.54	1850.3	1850.3	0.95	9.72	92.8	
R205	8/14/2023	15:31	1531	9.69		16.5	61.7	6.54	1844.1	1844.1	1.09	9.27	91.4	
R205	8/14/2023	15:34	1534	9.69		16.4	61.52	6.54	1844.8	1844.8	1.09	8.29	90.1	

Site Sampling Event	Coffeen 3Q
LIMS Workorder	23071810-098A
Technician	JC,JR

Groundwater Sampling Field Form - Groundwater Quality Parameters

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
SG-02														

Site Sampling Event	Coffeen 3Q
LIMS Workorder	23071810-099A
Technician	JC,JR

Groundwater Sampling Field Form - Groundwater Quality Parameters

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
SG-03														

Site Sampling Event	Coffeen 3Q
LIMS Workorder	23071810-100A
Technician	JC,JR

Groundwater Sampling Field Form - Groundwater Quality Parameters

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
SG-04														

Site Sampling Event	Coffeen 3Q
LIMS Workorder	23071810-101A
Technician	JC,JR

Groundwater Sampling Field Form - Groundwater Quality Parameters

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
T127	8/9/2023	11:01	1101	15.2		16.1	60.98	7.13	1054.2	1054.2	3.66	6.95	147.7	
T127	8/9/2023	11:04	1104	15.2		15.7	60.26	7	1055.3	1055.3	1.36	11.77	147.9	
T127	8/9/2023	11:07	1107	15.2		15.7	60.26	6.97	1057.7	1057.7	0.9	8.05	147.5	

Site Sampling Event	Coffeen 3Q
LIMS Workorder	23071810-102A
Technician	JC,JR

Groundwater Sampling Field Form - Groundwater Quality Parameters

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
T128	8/9/2023	14:10	1410	14.8		16.2	61.16	7.21	953	953	4.65	7.56	148.6	
T128	8/9/2023	14:13	1413	14.8		15.6	60.08	7.06	952.6	952.6	2.44	11.6	145.5	
T128	8/9/2023	14:16	1416	14.8		15.6	60.08	7.02	949.2	949.2	1.84	2.6	142	

Site Sampling Event	Coffeen 3Q
LIMS Workorder	23071810-103A
Technician	JC,JR

Groundwater Sampling Field Form - Groundwater Quality Parameters

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
X201	8/15/2023	12:53	1253			26.2	79.16	4.39	37586.6	37586.6	7.66	5.41	229.1	

Site Sampling Event	Coffeen 3Q
LIMS Workorder	23071810-104A
Technician	JC,JR

Groundwater Sampling Field Form - Groundwater Quality Parameters

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
XPW01	8/10/2023	13:16	1316	5.29		18.5	65.3	7.56	2395.6	2395.6	0.59	13.77	-67.7	
XPW01	8/10/2023	13:19	1319	5.29		18.4	65.12	7.63	2407.1	2407.1	0.5	5.03	-90.6	
XPW01	8/10/2023	13:22	1322	5.29		18.3	64.94	7.66	2416.6	2416.6	0.47	3.47	-103.6	

Site Sampling Event	Coffeen 3Q
LIMS Workorder	23071810-105A
Technician	JC,JR

Groundwater Sampling Field Form - Groundwater Quality Parameters

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
XPW02	8/10/2023	13:39	1339	10.3		18.7	65.66	7.58	1247.1	1247.1	0.54	8.94	-93.1	
XPW02	8/10/2023	13:42	1342	10.3		18.7	65.66	7.58	1283.6	1283.6	0.49	4.02	-104.6	
XPW02	8/10/2023	13:45	1345	10.3		18.7	65.66	7.58	1281.9	1281.9	0.46	2.61	-111.2	

Site Sampling Event	Coffeen 3Q
LIMS Workorder	23071810-106A
Technician	JC,JR

Groundwater Sampling Field Form - Groundwater Quality Parameters

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
XSG-01														

Site Sampling Event	Coffeen 3Q
LIMS Workorder	23071810-107A
Technician	JC,JR

Groundwater Sampling Field Form - Groundwater Quality Parameters

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
FB														

Site Sampling Event	Coffeen 3Q
LIMS Workorder	23071810-108A
Technician	JC,JR

Groundwater Sampling Field Form - Groundwater Quality Parameters

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
G102 DUP	8/9/2023	15:01	1501	10.3		17.3	63.14	7.45	880.9	880.9	4.82	7.47	148.4	
G102 DUP	8/9/2023	15:04	1504	10.3		15.8	60.44	7.27	1192	1192	1.33	20.67	157.6	
G102 DUP	8/9/2023	15:07	1507	10.3		15.9	60.62	7.25	1155.5	1155.5	1.09	10.94	156.2	

Site Sampling Event	Coffeen 3Q
LIMS Workorder	23071810-109A
Technician	JC,JR

Groundwater Sampling Field Form - Groundwater Quality Parameters

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
G200 DUP														

Site Sampling Event	Coffeen 3Q
LIMS Workorder	23071810-110A
Technician	JC,JR

Groundwater Sampling Field Form - Groundwater Quality Parameters

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
G273 DUP	8/14/2023	14:26	1426	11.6		16.9	62.42	6.89	2069.2	2069.2	1.56	9.28	107.1	
G273 DUP	8/14/2023	14:29	1429	11.6		16.7	62.06	6.79	2047.3	2047.3	1.21	3.98	104.7	
G273 DUP	8/14/2023	14:32	1432	11.6		16.6	61.88	6.76	2056.1	2056.1	1.06	2.18	102.8	

Site Sampling Event	Coffeen 3Q
LIMS Workorder	23071810-111A
Technician	JC,JR

Groundwater Sampling Field Form - Groundwater Quality Parameters

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
G301 DUP	8/9/2023	11:04	1104	8.11		16.6	61.88	6.41	2194	2194	0.48	24.34	-112.1	
G301 DUP	8/9/2023	11:07	1107	8.11		16.5	61.7	6.38	2195.7	2195.7	0.46	15.43	-104.8	
G301 DUP	8/9/2023	11:10	1110	8.11		16.5	61.7	6.37	2194.6	2194.6	0.45	11.43	-99.3	
G301 DUP	8/9/2023	11:13	1113	8.11		16.5	61.7	6.36	2193.8	2193.8	0.44	8.36	-95.6	

Site Sampling Event	Coffeen 3Q
LIMS Workorder	23071810-112A
Technician	JC,JR

Groundwater Sampling Field Form - Groundwater Quality Parameters

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
R201 DUP														

Site Sampling Event	Coffeen 3Q
LIMS Workorder	23071810-113A
Technician	JC,JR

Groundwater Sampling Field Form - Groundwater Quality Parameters

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
G308 (resample)	9/19/2023	10:54	1054	6.22		18.2	64.76	7.07	2183.5	2183.5	0.34	2.61	74.6	
G308 (resample)	9/19/2023	10:57	1057	6.22		18.2	64.76	7.08	2188.9	2188.9	0.27	2.5	68.8	
G308 (resample)	9/19/2023	11:00	1100	6.22		18.3	64.94	7.08	2190.4	2190.4	0.26	2.44	64.8	

Site Sampling Event	Coffeen 3Q
LIMS Workorder	23071810-114A
Technician	JC,JR

Groundwater Sampling Field Form - Groundwater Quality Parameters

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
x201 (resample)	9/19/2023	10:14	1014	35.29		23.2	73.76	5.04	24945.5	24945.5	8.66	2.01	205.7	
x201 (resample)	9/19/2023	10:16	1016	35.29		22.4	72.32	5.52	25006.5	25006.5	8.67	1.39	209.4	
x201 (resample)	9/19/2023	10:17	1017	35.29		22.3	72.14	5.71	24996.5	24996.5	8.73	10.1	209.5	

COFFEEN Power PLANT

Field Analysis Log

Cross Reference to Sample ID	Date mm/dd/yy	Time	Temp. C	pH Results Reading 1	pH Reading 2	pH CCV	Conductivity Range Factor	Conductivity Reading 1	Conductivity Reading 2	Other: DF	Other: Read1/units	Other: DF	Other: Read2/units
LCS	8/9/23	0940		7.10				1474					
CCV	↓	1907		6.99				1398					
LCS	8/10/23	0921		7.01				1413					
CCV	↓	1557		6.94				1506					
LCS	8/14/23	0937		7.07				1470					
CCV	↓	1441		6.98				1421					
CCV													

****** Field Meter ID for Temp, pH & Conductivity :** _____ **Lot #** _____

****** Field Meter ID for (** _____ **) :** _____ **Lot #** _____

	SW846	Std Methods		Lot #		Lot #		Lot #
Field Temp SOP 1156		2550 B	pH 4.0 Buffer		Conductivity Std.		Std.	
pH in the Field SOP 1152	9040B	4500-H B	pH 7.0 Buffer		Conductivity Std.		Std.	
Field Cond. SOP 1155	9050A	2510 B	pH 10.0 Buffer		Conductivity Std.		Std.	
Other: _____		8/9 5/10	pH LCS/LCSD ____		Conductivity LCS/LCSD ____		LCS/LCSD ____	

pH Calibration		Reading	Conductivity Calibration			Reading	units
	4.00	4.06 3.99	~~4.7K~~	µS	0-199.9		µS
Date:	7.00	7.10 7.01	1474	µS 14/3	0-1999		µS
Time:	10.00	10.05 10.02		mS	0-19.99		mS

Field Analyst Sig & Date: 8/16/23

Reviewed By & Date: 8/11

Reviewed By & Date:

Field Analyst Sig & Date:

Reviewed By & Date:

Reviewed By & Date:

_____ Calibration	Reading
Std_____ Units _____	
Std_____ Units _____	
Std_____ Units _____	

Field Analyst Sig & Date:

Reviewed By & Date:

Reviewed By & Date:

4.1

~~10.0~~ 1470

4.07

10.08

Comments:

Field Analysis Log

Cross Reference to Sample ID	Date mm/dd/yy	Time	Temp. C	pH Results			Conductivity			Other: _____			
				Reading 1	Reading 2	LCSD	Range Factor	Reading 1	Reading 2	DF	Read1/units	DF	Read2/units
LCS	8-9-23	~~22.1~~ X	22.1		7.01			1422					
		0939											
CCV	8-9-23	1613	23.1		7.00			1420					

**** Field Meter ID for Temp, pH & Conductivity :_____

**** Field Meter ID for (_____) : _____

	SW846	Std Methods		Lot #		Lot #		Lot #
Field Temp SOP 1156		2550 B	pH 4.0 Buffer		Conductivity Std. _____		_____ Std._____	
pH in the Field SOP 1152	9040B	4500-H B	pH 7.0 Buffer		Conductivity Std. _____		_____ Std._____	
Field Cond. SOP 1155	9050A	2510 B	pH 10.0 Buffer		Conductivity Std. _____		_____ Std._____	
Other: _____			pH LCS/LCSD __7___		Conductivity LCS/LCSD _____		_____ LCS/LCSD _____	

pH Calibration	Reading
Date: 8-9-23	4.01
	7.00
Time: 0921	10.00

Field Analyst Sig & Date: [signature] 8-9-23
Reviewed By & Date: _____
Reviewed By & Date: _____

Conductivity Calibration			Reading	units
_____	µS	0-199.9	_____	µS
_____	µS	0-1999	1413	µS
_____	mS	0-19.99	_____	mS

Field Analyst Sig & Date: [signature] 8-9-23
Reviewed By & Date: _____
Reviewed By & Date: _____

_____ Calibration	Reading
Std_____ Units _____	_____
Std_____ Units _____	_____
Std_____ Units _____	_____

Field Analyst Sig & Date: _____
Reviewed By & Date: _____
Reviewed By & Date: _____

Page _____ of_____

Comments:

Field Analysis Log

Cross Reference to Sample ID	Date mm/dd/yy	Time	Temp. C	pH Results			Conductivity			Other:			
				Reading 1	Reading 2	LCSD	Range Factor	Reading 1	Reading 2	DF	Read1/units	DF	Read2/units
LCS	8-10-23	0811	22.9		7.01			1421					
ccv	8-10-23	1555	23.1		7.02			1418					

****** Field Meter ID for Temp, pH & Conductivity :** _____ Lot # _____

****** Field Meter ID for (_____) :** _____ Lot # _____

	SW846	Std Methods		Lot #		Lot #		Lot #
Field Temp SOP 1156		2550 B	pH 4.0 Buffer		Conductivity Std.			Std.
pH in the Field SOP 1152	9040B	4500-H B	pH 7.0 Buffer		Conductivity Std.			Std.
Field Cond. SOP 1155	9050A	2510 B	pH 10.0 Buffer		Conductivity Std.			Std.
Other:			pH LCS/LCSD		Conductivity LCS/LCSD			LCS/LCSD

pH Calibration		Reading
	4.00	4.00
Date: 8-10-23	7.00	7.01
Time: 0753	10.00	9.99

Field Analyst Sig & Date: [signature] 8-10-23
Reviewed By & Date: _____
Reviewed By & Date: _____

Conductivity Calibration			Reading	units
_____	µS	0-199.9		µS
_____	µS	0-1999	1414	µS
_____	mS	0-19.99		mS

Field Analyst Sig & Date: [signature] 8-10-23
Reviewed By & Date: _____
Reviewed By & Date: _____

_____ Calibration		Reading
Std _____	Units _____	
Std _____	Units _____	
Std _____	Units _____	

Field Analyst Sig & Date: _____
Reviewed By & Date: _____
Reviewed By & Date: _____

Comments:

Field Analysis Log

Cross Reference to Sample ID	Date mm/dd/yy	Time	Temp. C	pH Results			Conductivity			Other: _____			
				Reading 1	Reading 2	LCSD	Range Factor	Reading 1	Reading 2	DF	Read1/units	DF	Read2/units
LCS	8-14-23	1024	21.8		7.01			1423					
CCV	8-14-23	1638	23.4		7.02			1421					

****** Field Meter ID for Temp, pH & Conductivity :** _____ ****** Field Meter ID for (_____) :** _____

	SW846	Std Methods		Lot #		Lot #		Lot #
Field Temp SOP 1156		2550 B	pH 4.0 Buffer		Conductivity Std. _____		_____ Std._____	
pH in the Field SOP 1152	9040B	4500-H B	pH 7.0 Buffer		Conductivity Std. _____		_____ Std._____	
Field Cond. SOP 1155	9050A	2510 B	pH 10.0 Buffer		Conductivity Std. _____		_____ Std._____	
Other: _____			pH LCS/LCSD __7___		Conductivity LCS/LCSD _____		_____ LCS/LCSD _____	

pH Calibration	Reading
	4.02
	7.01
	10.01

Date: 8-14-23
Time: 1026

Field Analyst Sig & Date: [signature] 8-14-23
Reviewed By & Date: _____
Reviewed By & Date: _____

Conductivity Calibration			Reading	units
_____	µS	0-199.9		µS
_____	µS	0-1999	1413	µS
_____	mS	0-19.99		mS

Field Analyst Sig & Date: [signature] 8-14-23
Reviewed By & Date: _____
Reviewed By & Date: _____

_____ Calibration	Reading
Std_____ Units _____	_____
Std_____ Units _____	_____
Std_____ Units _____	_____

Field Analyst Sig & Date: _____
Reviewed By & Date: _____
Reviewed By & Date: _____

Comments:

Field Analysis Log

Cross Reference to Sample ID	Date mm/dd/yy	Time	Temp. C	pH Results Reading 1	pH Results Reading 2	pH Results LCSD	Conductivity Range Factor	Conductivity Reading 1	Conductivity Reading 2	Other: DF	Other: Read1/units	Other: DF	Other: Read2/units
LCS	8-14-23	10:48	24.03	7.03	7.04			1413					
CCV	8-14-23	1628	24.08	7.05	7.04			1418					

**** Field Meter ID for Temp, pH & Conductivity : _____ Lot # _____

**** Field Meter ID for (_____) : _____ Lot # _____

	SW846	Std Methods		Lot #		Lot #		Lot #
Field Temp SOP 1156		2550 B	pH 4.0 Buffer		Conductivity Std. _____		_____ Std. _____	
pH in the Field SOP 1152	9040B	4500-H B	pH 7.0 Buffer		Conductivity Std. _____		_____ Std. _____	
Field Cond. SOP 1155	9050A	2510 B	pH 10.0 Buffer		Conductivity Std. _____		_____ Std. _____	
Other: _____			pH LCS/LCSD 7		Conductivity LCS/LCSD _____		_____ LCS/LCSD _____	

pH Calibration
Date: 8-14-23
Time: 10:03
Reading
4.01
7.03
10.01
Field Analyst Sig & Date: Brett Gillen 8-14-23
Reviewed By & Date: _____
Reviewed By & Date: _____

Conductivity Calibration

			Reading	units
_____	µS	0-199.9		µS
_____	µS	0-1999	1413	µS
_____	mS	0-19.99		mS

Field Analyst Sig & Date: Brett Gillen 8-14-23
Reviewed By & Date: _____
Reviewed By & Date: _____

_____ Calibration Reading

Std _____ Units _____ _____
Std _____ Units _____ _____
Std _____ Units _____ _____

Field Analyst Sig & Date: _____
Reviewed By & Date: _____
Reviewed By & Date: _____

Comments:

Field Analysis Log

Cross Reference to Sample ID	Date mm/dd/yy	Time	Temp. C	pH Results			Conductivity			Other:			
				Reading 1	Reading 2	LCSD	Range Factor	Reading 1	Reading 2	DF	Read1/units	DF	Read2/units
LCS	8-15-23	0859	21.1		7.02			1419					
CCV	8-15-23	1326	22.2		7.02			1428					

**** Field Meter ID for Temp, pH & Conductivity :_____

**** Field Meter ID for (_____) : _____

	SW846	Std Methods		Lot #		Lot #		Lot #
Field Temp SOP 1156		2550 B	pH 4.0 Buffer		Conductivity Std. _____		_____ Std._____	
pH in the Field SOP 1152	9040B	4500-H B	pH 7.0 Buffer		Conductivity Std. _____		_____ Std._____	
Field Cond. SOP 1155	9050A	2510 B	pH 10.0 Buffer		Conductivity Std. _____		_____ Std._____	
Other: _____			pH LCS/LCSD __7___		Conductivity LCS/LCSD _____		_____ LCS/LCSD _____	

pH Calibration	Reading
	4.00
	7.01
	9.99

Date: 8-15-23
Time: 0842

Field Analyst Sig & Date: [signature] 8-15-23
Reviewed By & Date: _____
Reviewed By & Date: _____

Conductivity Calibration		Reading	units
_____	µS 0-199.9		µS
_____	µS 0-1999	1413	µS
_____	mS 0-19.99		mS

Field Analyst Sig & Date: [signature] 8-15-23
Reviewed By & Date: _____
Reviewed By & Date: _____

_____ Calibration	Reading
Std_____ Units _____	
Std_____ Units _____	
Std_____ Units _____	

Field Analyst Sig & Date: _____
Reviewed By & Date: _____
Reviewed By & Date: _____

Page _____ of _____

Comments:

Field Analysis Log

Cross Reference to Sample ID	Date mm/dd/yy	Time	Temp. C	pH Results Reading 1	pH Results Reading 2	pH Results LCSD	Conductivity Range Factor	Conductivity Reading 1	Conductivity Reading 2	Other: DF	Other: Read1/units	Other: DF	Other: Read2/units
LCS	9-19-23	9:49	20.5	7.02	7.02			1412					
CCV	9-19-23	11:16	20.5	7.03	7.02			1421					

**** Field Meter ID for Temp, pH & Conductivity: Pine

**** Field Meter ID for (Pine): 049551

	SW846	Std Methods		Lot #		Lot #		Lot #
Field Temp SOP 1156		2550 B	pH 4.0 Buffer	WC230720G	Conductivity Std. 1412	74610	____ Std. ____	
pH in the Field SOP 1152	9040B	4500-H B	pH 7.0 Buffer	WC2306168	Conductivity Std. ____		____ Std. ____	
Field Cond. SOP 1155	9050A	2510 B	pH 10.0 Buffer	WC2305016	Conductivity Std. ____		____ Std. ____	
Other: ____			pH LCS/LCSD 7	WL230502W3	Conductivity LCS/LCSD ____		____ LCS/LCSD ____	

pH Calibration		Reading
	4.00	4.02
Date: 9-19-23	7.00	7.02
Time: 9:20	10.00	10.00

Field Analyst Sig & Date: Brett Fuller 9-19-23
Reviewed By & Date: ____
Reviewed By & Date: ____

Conductivity Calibration			Reading	units
	µS	0-199.9		µS
1412	µS	0-1999	1413	µS
	mS	0-19.99		mS

Field Analyst Sig & Date: Brett Fuller 9.19.23
Reviewed By & Date: ____
Reviewed By & Date: ____

____ Calibration	Reading
Std ____ Units ____	
Std ____ Units ____	
Std ____ Units ____	

Field Analyst Sig & Date: ____
Reviewed By & Date: ____
Reviewed By & Date: ____

Comments:

Site Samping Event: Coffeen 1Q24
LIMS Workorder: 24020001
Technician(s): DC, JC, TC, BG

Groundwater Sampling Summary
Coffeen- 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	AP2D	Groundwater Sample	66.0	None	N	Partly cloudy	Good	Good	Good	Yes	Yes
002	G1001	Groundwater Sample	46.0	None	N	Clear	Good	Good	Good	Yes	Yes
003	G1003	Groundwater Sample	66.0	None	N	Partly cloudy	Good	Good	Good	Yes	No
004	G101	Groundwater Sample	49.0	None	SE	Clear	Good	Good	Good	Yes	Yes
005	G102	Groundwater Sample	48.0	None	W	Clear	Good	Good	Good	Yes	Yes
006	G103	Groundwater Sample	50.0	None	W	Clear	Good	Good	Good	Yes	Yes
007	G105	Groundwater Sample	51.0	None	W	Clear	Good	Good	Good	Yes	Yes
008	G106	Groundwater Sample	54.0	None	W	Clear	Good	Good	Good	Yes	Yes
009	G107	Groundwater Sample	54.0	None	W	Clear	Good	Good	Good	Yes	Yes
010	G108	Groundwater Sample	55.0	None	W	Clear	Good	Good	Good	Yes	Yes
011	G109	Groundwater Sample	55.0	None	W	Clear	Good	Good	Good	Yes	Yes
012	G110	Groundwater Sample	56.0	None	W	Clear	Good	Good	Good	Yes	Yes
013	G111	Groundwater Sample	48.0	None	E	Cloudy	Good	Good	Good	Yes	Yes
014	G119	Groundwater Sample	48.0	None	SE	Cloudy	Good	Good	Good	Yes	Yes
015	G120	Groundwater Sample	48.0	None	SE	Cloudy	Good	Good	Good	Yes	Yes
016	G121	Groundwater Sample	48.0	None	SE	Cloudy	Good	Good	Good	Yes	Yes
017	G122	Groundwater Sample	48.0	None	SE	Cloudy	Good	Good	Good	Yes	Yes
018	G123	Groundwater Sample	48.0	None	SE	Cloudy	Good	Good	Good	Yes	Yes
019	G124	Groundwater Sample	49.0	None	SE	Cloudy	Good	Good	Good	Yes	Yes
020	G125	Groundwater Sample	49.0	None	SE	Partly cloudy	Good	Good	Good	Yes	Yes
021	G126	Groundwater Sample	50.0	None	S	Partly cloudy	Good	Good	Good	Yes	Yes
022	G151	Groundwater Sample	33.0	None	N	Clear	Good	Good	Good	Yes	Yes
023	G152	Groundwater Sample	40.0	None	N	Clear	Good	Good	Good	Yes	Yes
024	G153	Groundwater Sample	38.0	None	N	Clear	Good	Good	Good	Yes	Yes
025	G154	Groundwater Sample	35.0	None	N	Clear	Good	Good	Good	Yes	Yes
026	G155	Groundwater Sample	33.0	None	SW	Cloudy	Good	Good	Good	Yes	Yes
027	G200	Groundwater Sample	48.0	None	N	Partly cloudy	Good	Good	Good	Yes	Yes
028	G206	Groundwater Sample	47.0	None	NE	Partly cloudy	Good	Good	Good	Yes	Yes
029	G206D	Groundwater Sample	31.0	Light	SW	Cloudy	Good	Good	Good	Yes	Yes
030	G207	Groundwater Sample	46.0	None	N	Clear	Good	Good	Good	Yes	Yes
031	G208	Groundwater Sample	43.0	None	SE	Partly cloudy	Good	Good	Good	Yes	Yes
032	G209	Groundwater Sample	42.0	None	SE	Partly cloudy	Good	Good	Good	Yes	Yes
033	G210	Groundwater Sample	40.0	None	E	Partly cloudy	Good	Good	Good	Yes	Yes
034	G211	Groundwater Sample	46.0	None	W	Clear	Good	Good	Good	Yes	Yes
035	G212	Groundwater Sample	44.0	None	W	Clear	Good	Good	Good	Yes	Yes
036	G213	Groundwater Sample	41.0	None	W	Clear	Good	Good	Good	Yes	Yes
037	G214	Groundwater Sample	52.0	None	E	Partly cloudy	Good	Good	Good	Yes	Yes
038	G215	Groundwater Sample	52.0	None	E	Partly cloudy	Good	Good	Good	Yes	Yes
039	G216	Groundwater Sample	51.0	None	NE	Partly cloudy	Good	Good	Good	Yes	Yes
040	G217	Groundwater Sample	50.0	None	NE	Partly cloudy	Good	Good	Good	Yes	Yes
041	G218	Groundwater Sample	48.0	None	NE	Partly cloudy	Good	Good	Good	Yes	Yes
042	G270	Groundwater Sample	45.0	None	N	Clear	Good	Good	Good	Yes	Yes

Site Samping Event: Coffeen 1Q24
LIMS Workorder: 24020001
Technician(s): DC, JC, TC, BG

Groundwater Sampling Summary
Coffeen- 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
043	G271	Groundwater Sample	47.0	None	N	Clear	Good	Good	Good	Yes	Yes
044	G272	Groundwater Sample	48.0	None	N	Clear	Good	Good	Good	Yes	Yes
045	G273	Groundwater Sample	50.0	None	N	Clear	Good	Good	Good	Yes	Yes
046	G274	Groundwater Sample	51.0	None	N	Clear	Good	Good	Good	Yes	Yes
047	G275	Groundwater Sample	52.0	None	N	Clear	Good	Good	Good	Yes	Yes
048	G275D	Groundwater Sample	52.0	None	N	Clear	Good	Good	Good	Yes	Yes
049	G276	Groundwater Sample	40.0	None	N	Clear	Good	Good	Good	Yes	Yes
050	G277	Groundwater Sample	43.0	None	N	Clear	Good	Good	Good	Yes	Yes
051	G278	Groundwater Sample	40.0	None	N	Cloudy	Good	Good	Good	Yes	Yes
052	G279	Groundwater Sample	47.0	None	N	Clear	Good	Good	Good	Yes	Yes
053	G280	Groundwater Sample	50.0	None	N	Clear	Good	Good	Good	Yes	Yes
054	G281	Groundwater Sample	50.0	None	S	Partly cloudy	Good	Good	Good	Yes	Yes
055	G283	Groundwater Sample	50.0	None	N	Partly cloudy	Good	Good	Good	Yes	Yes
056	G284	Groundwater Sample	54.0	None	NW	Clear	Good	Good	Good	Yes	Yes
057	G285	Groundwater Sample	54.0	None	NW	Clear	Good	Good	Good	Yes	Yes
058	G301	Groundwater Sample	46.0	None	E	Clear	Good	Good	Good	Yes	Yes
059	G302	Groundwater Sample	46.0	None	E	Clear	Good	Good	Good	Yes	Yes
060	G303	Groundwater Sample	44.0	None	W	Clear	Good	Good	Good	Yes	Yes
061	G305	Groundwater Sample	44.0	None	E	Clear	Good	Good	Good	Yes	Yes
062	G306	Groundwater Sample	46.0	None	W	Clear	Good	Good	Good	Yes	Yes
063	G307	Groundwater Sample	50.0	None	W	Clear	Good	Damaged	Good	Yes	No
064	G307D	Groundwater Sample	50.0	None	W	Clear	Good	Good	Good	Yes	Yes
065	G308	Groundwater Sample	30.0	Light	NW	Cloudy	Good	Good	Good	Yes	Yes
066	G310	Groundwater Sample	46.0	None	E	Clear	Good	Good	Good	Yes	Yes
067	G312	Groundwater Sample	46.0	None	E	Clear	Good	Good	Good	Yes	Yes
068	G313	Groundwater Sample	45.0	None	W	Clear	Good	Good	Good	Yes	Yes
069	G314	Groundwater Sample	45.0	None	W	Clear	Good	Good	Good	Yes	Yes
070	G314D	Groundwater Sample	44.0	None	W	Clear	Good	Good	Good	Yes	Yes
071	G315	Groundwater Sample	46.0	None	W	Clear	Good	Good	Good	Yes	Yes
072	G316	Groundwater Sample	44.0	None	W	Clear	Good	Good	Good	Yes	Yes
073	G401	Groundwater Sample	64.0	None	N	Partly cloudy	Good	Good	Good	Yes	Yes
074	G402	Groundwater Sample	65.0	None	N	Partly cloudy	Good	Good	Good	Yes	Yes
075	G403	Groundwater Sample	60.0	None	N	Partly cloudy	Good	Good	Good	Yes	Yes
076	G404	Groundwater Sample	55.0	None	N	Partly cloudy	Good	Good	Good	Yes	Yes
077	G405	Groundwater Sample	57.0	None	N	Partly cloudy	Good	Good	Good	Yes	Yes
078	G406	Groundwater Sample	62.0	None	N	Partly cloudy	Good	Good	Good	Yes	Yes
079	G407	Groundwater Sample	41.0	None	NW	Clear	Good	Good	Good	Yes	Yes
080	G410	Groundwater Sample	42.0	None	NW	Clear	Good	Good	Good	Yes	Yes
081	G411	Groundwater Sample	41.0	None	NW	Clear	Good	Good	Good	Yes	Yes
082	L201	Leachate Sample	56.0	None	N	Partly cloudy	Other (see note)	Other (see note)	Other (see note)	Yes	No
083	L202	Leachate Sample	56.0	None	N	Partly cloudy	Other (see note)	Other (see note)	Other (see note)	Yes	No
084	L203	Leachate Sample	56.0	None	N	Partly cloudy	Other (see note)	Other (see note)	Other (see note)	Yes	No

Site Samping Event: Coffeen 1Q24
LIMS Workorder: 24020001
Technician(s): DC, JC, TC, BG

Groundwater Sampling Summary
Coffeen- 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**
085	NE Riser	Leachate Sample	66.0	None	N	Partly cloudy	Good	Good	Good	Yes	No
086	R104	Groundwater Sample	53.0	None	W	Clear	Good	Good	Good	Yes	Yes
087	R201	Groundwater Sample	58.0	None	N	Clear	Good	Good	Good	Yes	Yes
088	R205	Groundwater Sample	38.0	None	W	Clear	Good	Good	Good	Yes	Yes
089	SG-02	DTW Only	42.0	None	N	Clear					
090	SG-03	DTW Only	42.0	None	N	Clear					
091	T127	Groundwater Sample	52.0	None	N	Clear	Good	Good	Good	Yes	Yes
092	T128	Groundwater Sample	48.0	None	SW	Cloudy	Good	Good	Good	Yes	Yes
093	X201	Groundwater Sample	38.0	None	N	Clear	Other (see note)	Other (see note)	Other (see note)	Yes	No
094	XPW01	Groundwater Sample	37.0	None	W	Clear	Good	Good	Good	Yes	No
095	XPW02	Groundwater Sample	30.0	Light	E	Cloudy	Good	Good	Good	Yes	No
096	XSG-01	DTW Only	42.0	None	N	Clear					
097	Field Blank	QA/QC Sample	48.0	None	N	Partly cloudy					
098	G102 Duplicate	QA/QC Sample	48.0	None	W	Clear	Good	Good	Good	Yes	Yes
099	G200 Duplicate	QA/QC Sample	48.0	None	N	Partly cloudy	Good	Good	Good	Yes	Yes
100	G273 Duplicate	QA/QC Sample	50.0	None	N	Clear	Good	Good	Good	Yes	Yes
101	G301 Duplicate	QA/QC Sample	46.0	None	E	Clear	Good	Good	Good	Yes	Yes
102	R201 Duplicate	QA/QC Sample	58.0	None	N	Clear	Good	Good	Good	Yes	Yes
103	Equipment Blank 1	QA/QC Sample	48.0	None	N	Partly cloudy					

Site Samping Event: Coffeen 1Q24
LIMS Workorder: 24020001
Technician(s): DC, JC, TC, BG

Groundwater Sampling Summary
Coffeen- 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	AP2D	JC	2/21/24 14:34	20.34	35.43	JC	2/21/2024	14:35	14:54	Submersible Pump	2"	9.0	473.7
002	G1001	DC	2/15/24 12:59	6.31	13.79	TAC	2/15/2024	13:01	13:23	Peristaltic Pump	2"	4.5	204.5
003	G1003	JC	2/21/24 14:01	11.15	14.79	JC	2/21/2024	N/A	N/A	Submersible Pump	2"	N/A	N/A
004	G101	JC	2/15/24 12:28	9.69	24.30	JC	2/15/2024	12:28	13:03	Bladder Pump	2"	5.0	142.9
005	G102	JC	2/14/24 10:57	8.81	20.00	JC	2/14/2024	10:58	11:13	Bladder Pump	2"	3.5	233.3
006	G103	JC	2/14/24 11:34	11.96	26.90	JC	2/14/2024	11:35	11:50	Bladder Pump	2"	3.0	200.0
007	G105	JC	2/14/24 12:01	9.32	27.70	JC	2/14/2024	12:02	12:13	Bladder Pump	2"	2.0	181.8
008	G106	JC	2/14/24 12:47	10.02	25.60	JC	2/14/2024	12:48	12:58	Bladder Pump	2"	2.0	200.0
009	G107	JC	2/14/24 13:07	10.52	22.70	JC	2/14/2024	13:08	13:30	Bladder Pump	2"	3.5	159.1
010	G108	JC	2/14/24 13:37	11.43	26.60	JC	2/14/2024	13:38	13:47	Bladder Pump	2"	2.0	222.2
011	G109	JC	2/14/24 13:56	11.90	26.30	JC	2/14/2024	13:56	14:05	Bladder Pump	2"	2.0	222.2
012	G110	JC	2/14/24 14:12	12.76	27.50	JC	2/14/2024	14:12	14:21	Bladder Pump	2"	2.0	222.2
013	G111	JC	2/15/24 8:52	14.03	24.30	JC	2/15/2024	08:54	09:03	Bladder Pump	2"	1.5	166.7
014	G119	JC	2/15/24 9:37	15.40	27.40	JC	2/15/2024	09:38	09:47	Bladder Pump	2"	1.5	166.7
015	G120	JC	2/15/24 9:54	15.84	26.70	JC	2/15/2024	09:55	10:04	Bladder Pump	2"	2.0	222.2
016	G121	JC	2/15/24 10:22	17.34	29.10	JC	2/15/2024	10:23	10:40	Bladder Pump	2"	3.0	176.5
017	G122	JC	2/15/24 10:52	17.96	26.50	JC	2/15/2024	10:53	11:05	Bladder Pump	2"	2.0	166.7
018	G123	JC	2/15/24 11:20	16.60	30.90	JC	2/15/2024	11:22	11:31	Bladder Pump	2"	1.5	166.7
019	G124	JC	2/15/24 11:44	17.42	26.70	JC	2/15/2024	11:44	11:53	Bladder Pump	2"	1.5	166.7
020	G125	JC	2/15/24 12:05	17.39	26.70	JC	2/15/2024	12:06	12:19	Bladder Pump	2"	2.0	153.8
021	G126	JC	2/15/24 13:13	10.55	20.40	JC	2/15/2024	13:13	13:22	Bladder Pump	2"	1.5	166.7
022	G151	JC	2/19/24 8:58	12.13	23.60	JC	2/19/2024	09:00	09:11	Bladder Pump	2"	3.0	272.7
023	G152	JC	2/19/24 10:21	11.14	22.00	JC	2/19/2024	10:27	11:09	Submersible Pump	2"	13.0	309.5
024	G153	JC	2/19/24 9:59	13.73	23.90	JC	2/19/2024	09:59	10:09	Bladder Pump	2"	2.5	250.0
025	G154	JC	2/19/24 9:29	13.36	22.80	JC	2/19/2024	09:29	09:48	Bladder Pump	2"	4.5	236.8
026	G155	JC	2/16/24 9:56	13.42	26.20	JC	2/16/2024	09:56	10:37	Bladder Pump	2"	6.0	146.3
027	G200	JC	2/21/24 8:47	5.62	20.70	JC	2/21/2024	08:48	09:03	Submersible Pump	2"	4.5	300.0
028	G206	BG	2/13/24 11:35	11.50	26.30	BG	2/13/2024	11:35	11:44	Bladder Pump	2"	2.5	277.8
029	G206D	JC	2/16/24 9:22	29.30		JC	2/16/2024	09:22	09:31	Bladder Pump	2"	2.0	222.2
030	G207	DC	2/15/24 11:26	11.50	26.60	DC	2/15/2024	11:27	11:55	Peristaltic Pump	2"	6.0	214.3
031	G208	BG	2/13/24 10:45	10.80	26.60	BG	2/13/2024	10:45	11:00	Bladder Pump	2"	2.5	166.7
032	G209	BG	2/13/24 10:10	10.59	25.50	BG	2/13/2024	10:11	10:30	Bladder Pump	2"	2.6	136.8
033	G210	BG	2/13/24 9:30	11.71	25.00	BG	2/13/2024	09:30	09:48	Bladder Pump	2"	3.0	166.7
034	G211	JC	2/14/24 10:29	12.50	26.30	JC	2/14/2024	10:29	10:46	Bladder Pump	2"	3.0	176.5
035	G212	JC	2/14/24 10:06	12.95	26.30	JC	2/14/2024	10:07	10:17	Bladder Pump	2"	2.5	250.0
036	G213	JC	2/14/24 9:30	13.23	26.50	JC	2/14/2024	09:31	09:55	Bladder Pump	2"	4.0	166.7
037	G214	BG	2/13/24 14:22	16.06	26.50	BG	2/13/2024	14:22	14:37	Bladder Pump	2"	2.0	133.3
038	G215	BG	2/13/24 13:49	15.60	26.90	BG	2/13/2024	13:49	14:12	Bladder Pump	2"	3.0	130.4
039	G216	BG	2/13/24 12:52	14.88	28.50	BG	2/13/2024	12:52	13:40	Bladder Pump	2"	12.0	250.0
040	G217	BG	2/13/24 12:24	16.17	28.40	BG	2/13/2024	00:12	12:40	Bladder Pump	2"	2.0	2.7
041	G218	BG	2/13/24 12:01	15.07	28.50	BG	2/13/2024	12:01	12:11	Bladder Pump	2"	2.5	250.0
042	G270	JC	2/19/24 11:28	2.86	20.40	JC	2/19/2024	11:29	11:56	Bladder Pump	2"	4.0	148.1

Site Samping Event: Coffeen 1Q24
LIMS Workorder: 24020001
Technician(s): DC, JC, TC, BG

Groundwater Sampling Summary
Coffeen- 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)
043	G271	JC	2/19/24 12:10	11.05	18.70	JC	2/19/2024	12:11	12:20	Bladder Pump	2"	1.5	166.7
044	G272	JC	2/19/24 12:30	10.25	17.40	JC	2/19/2024	12:31	12:51	Bladder Pump	2"	3.0	150.0
045	G273	JC	2/19/24 13:03	10.95	18.90	JC	2/19/2024	13:03	13:18	Bladder Pump	2"	3.0	200.0
046	G274	JC	2/19/24 13:35	14.33	20.40	JC	2/19/2024	13:36	13:45	Bladder Pump	2"	2.0	222.2
047	G275	JC	2/19/24 14:07	13.35	15.30	JC	2/19/2024	14:14	14:21	Bladder Pump	2"	1.0	142.9
048	G275D	JC	2/19/24 13:54	38.99	62.70	JC	2/19/2024	13:55	14:05	Bladder Pump	2"	2.0	200.0
049	G276	JC	2/20/24 8:57	27.70	30.90	JC	2/20/2024	09:06	09:21	Submersible Pump	2"	4.0	266.7
050	G277	JC	2/20/24 9:30	20.26	22.30	JC	2/20/2024	09:31	09:40	Bladder Pump	2"	1.0	111.1
051	G278	TAC	2/15/24 10:34	25.14	26.40	TAC	2/15/2024	10:37	11:03	Peristaltic Pump	2"	3.0	115.4
052	G279	JC	2/20/24 10:15	24.63	30.80	JC	2/20/2024	10:16	10:25	Bladder Pump	2"	1.0	111.1
053	G280	JC	2/20/24 10:50	6.40	20.20	JC	2/20/2024	10:51	11:10	Bladder Pump	2"	3.0	157.9
054	G281	JC	2/15/24 13:47	5.91	22.80	JC	2/15/2024	13:48	14:22	Bladder Pump	2"	6.0	176.5
055	G283	JC	2/21/24 9:32	5.30	20.80	JC	2/21/2024	09:32	10:11	Bladder Pump	2"	5.0	128.2
056	G284	DC	2/20/24 13:52	11.77	16.30	DC	2/20/2024	13:54	14:26	Bladder Pump	2"	5.0	156.3
057	G285	DC	2/20/24 12:49	6.65	26.80	DC	2/20/2024	12:51	13:18	Bladder Pump	2"	3.0	111.1
058	G301	DC	2/19/24 11:44	6.95	18.60	DC	2/19/2024	11:44	12:03	Bladder Pump	2"	5.0	263.2
059	G302	DC	2/19/24 12:44	9.55	20.50	DC	2/19/2024	12:45	13:27	Bladder Pump	2"	8.0	190.5
060	G303	TAC	2/14/24 9:54	5.72	23.30	DC	2/14/2024	09:55	10:23	Bladder Pump	2"	4.0	142.9
061	G305	DC	2/19/24 14:36	6.66	21.50	DC	2/19/2024	14:37	14:56	Bladder Pump	2"	6.0	315.8
062	G306	DC	2/14/24 10:59	6.78	20.90	DC	2/14/2024	11:00	11:35	Bladder Pump	2"	10.0	285.7
063	G307	TAC	2/14/24 13:55	0.05	20.60	TAC	2/14/2024	13:55	14:58	Peristaltic Pump	2"	13.0	206.3
064	G307D	DC	2/14/24 13:05	5.04	62.00	DC	2/14/2024	13:06	13:42	Bladder Pump	2"	7.0	194.4
065	G308	TAC	2/16/24 9:37	4.79	18.20	DC	2/16/2024	09:38	10:04	Bladder Pump	2"	4.0	153.8
066	G310	TAC	2/19/24 11:01	8.78	18.40	DC	2/19/2024	11:01	11:24	Bladder Pump	2"	6.0	260.9
067	G312	DC	2/19/24 13:47	11.95	17.80	DC	2/19/2024	13:47	14:11	Bladder Pump	2"	6.0	250.0
068	G313	TAC	2/13/24 13:43	3.71	14.30	TAC	2/13/2024	13:43	14:19	Bladder Pump	2"	10.0	277.8
069	G314	TAC	2/13/24 12:50	6.70	22.80	TAC	2/13/2024	12:51	13:11	Bladder Pump	2"	3.5	175.0
070	G314D	TAC	2/13/24 11:56	6.15	52.30	TAC	2/13/2024	11:58	12:20	Bladder Pump	2"	4.0	181.8
071	G315	DC	2/14/24 12:21	2.40	17.40	DC	2/14/2024	12:23	12:45	Bladder Pump	2"	6.0	272.7
072	G316	TAC	2/13/24 10:57	11.91	18.10	TAC	2/13/2024	11:07	11:31	Bladder Pump	2"	6.0	250.0
073	G401	JC	2/21/24 12:33	21.96	21.80	JC	2/21/2024	12:33	12:46	Bladder Pump	2"	1.5	115.4
074	G402	JC	2/21/24 13:29	9.81	23.40	JC	2/21/2024	13:29	13:44	Bladder Pump	2"	1.8	116.7
075	G403	JC	2/21/24 11:28	6.41	20.80	JC	2/21/2024	11:28	11:43	Bladder Pump	2"	3.0	200.0
076	G404	JC	2/21/24 10:26	4.30	14.10	JC	2/21/2024	10:26	10:37	Bladder Pump	2"	1.5	136.4
077	G405	JC	2/21/24 10:53	6.30	16.40	JC	2/21/2024	10:54	11:09	Bladder Pump	2"	2.0	133.3
078	G406	JC	2/21/24 12:01	12.13	22.30	JC	2/21/2024	12:01	12:11	Bladder Pump	2"	2.0	200.0
079	G407	DC	2/20/24 9:31	6.10	23.00	DC	2/20/2024	09:32	10:15	Bladder Pump	2"	7.0	162.8
080	G410	DC	2/20/24 10:51	8.75	16.70	DC	2/20/2024	10:52	11:18	Bladder Pump	2"	5.0	192.3
081	G411	DC	2/20/24 11:49	7.54	19.20	DC	2/20/2024	11:50	12:13	Bladder Pump	2"	4.0	173.9
082	L201	JC	2/22/24 9:54	2.10									
083	L202	JC	2/22/24 9:49	2.21									
084	L203	JC	2/22/24 10:03	2.06									

Site Samping Event: Coffeen 1Q24
LIMS Workorder: 24020001
Technician(s): DC, JC, TC, BG

Groundwater Sampling Summary
Coffeen- 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)
085	NE Riser	JC	2/21/24 14:14	7.02		JC	2/21/2024	14:16	14:25	Bladder Pump	2"	2.0	222.2
086	R104	JC	2/14/24 12:22	8.65	22.70	JC	2/14/2024	12:23	12:38	Bladder Pump	2"	2.0	133.3
087	R201	JC	2/20/24 13:47	4.06	22.20	JC	2/20/2024	13:48	14:05	Submersible Pump	2"	5.0	294.1
088	R205	JC	2/14/24 8:55	6.71	19.00	JC	2/14/2024	08:56	09:22	Bladder Pump	2"	6.0	230.8
089	SG-02	TAC	2/12/24 15:01	7.22				00:00					
090	SG-03	BG	2/12/24 11:43	8.44				00:00					
091	T127	JC	2/20/24 11:41	14.63		JC	2/20/2024	11:42	12:58	Bladder Pump	2"	10.0	131.6
092	T128	JC	2/15/24 9:17	14.67	28.70	JC	2/15/2024	09:17	09:29	Bladder Pump	2"	2.0	166.7
093	X201	JC	2/20/24 11:29	27.91		JC	2/20/2024	08:47	08:47	Bailer			
094	XPW01	TAC	2/19/24 10:27	5.32	16.10	DC	2/19/2024	10:31	10:48	Bladder Pump	2"	6.0	352.9
095	XPW02	DC	2/16/24 10:30	10.40	21.30	DC	2/16/2024	10:31	10:45	Bladder Pump	2"	4.0	285.7
096	XSG-01	TAC	2/12/24 15:10	6.72									
097	Field Blank												
098	G102 Duplicate	JC	2/14/24 10:57	8.81	20.00	JC	2/14/2024	10:58	11:13	Bladder Pump	2"	3.5	233.3
099	G200 Duplicate	JC	2/21/24 8:47	5.62	20.70	JC	2/21/2024	08:48	09:03	Submersible Pump	2"	4.5	300.0
100	G273 Duplicate	JC	2/19/24 13:03	10.95	18.90	JC	2/19/2024	13:03	13:18	Bladder Pump	2"	3.0	200.0
101	G301 Duplicate	DC	2/19/24 11:44	6.95	18.60	DC	2/19/2024	11:44	12:03	Bladder Pump	2"	5.0	263.2
102	R201 Duplicate	JC	2/20/24 13:47	4.06	22.20	JC	2/20/2024	13:48	14:05	Submersible Pump	2"	5.0	294.1
103	Equipment Blank 1												

Site Samping Event: Coffeen 1Q24
LIMS Workorder: 24020001
Technician(s): DC, JC, TC, BG

Groundwater Sampling Summary
Coffeen- 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	AP2D	JC	02/21/24	14:54	Low Flow	No	Slightly cloudy	None	rust	20.58	0.24
002	G1001	TAC	02/15/24	13:23	Low Flow	No	Clear	None	none	9.40	3.09
003	G1003	JC	02/21/24	14:02							
004	G101	JC	02/15/24	13:03	Low Flow	Yes	Clear	None	none	9.69	0.00
005	G102	JC	02/14/24	11:13	Low Flow	Yes	Clear	None	none	8.81	0.00
006	G103	JC	02/14/24	11:50	Low Flow	Yes	Clear	None	none	13.32	1.36
007	G105	JC	02/14/24	12:13	Low Flow	Yes	Clear	None	none	10.00	0.68
008	G106	JC	02/14/24	12:58	Low Flow	Yes	Clear	None	none	10.02	0.00
009	G107	JC	02/14/24	13:30	Low Flow	Yes	Clear	None	none	10.52	0.00
010	G108	JC	02/14/24	13:47	Low Flow	Yes	Clear	None	none	11.43	0.00
011	G109	JC	02/14/24	14:05	Low Flow	Yes	Clear	None	none	11.90	0.00
012	G110	JC	02/14/24	14:21	Low Flow	Yes	Clear	None	none	12.76	0.00
013	G111	JC	02/15/24	09:03	Low Flow	Yes	Clear	None	none	14.03	0.00
014	G119	JC	02/15/24	09:47	Low Flow	Yes	Clear	None	none	15.40	0.00
015	G120	JC	02/15/24	10:04	Low Flow	Yes	Clear	None	none	18.06	2.22
016	G121	JC	02/15/24	10:40	Low Flow	Yes	Clear	None	none	19.47	2.13
017	G122	JC	02/15/24	11:05	Low Flow	Yes	Clear	None	none	19.67	1.71
018	G123	JC	02/15/24	11:31	Low Flow	Yes	Clear	None	none	16.60	0.00
019	G124	JC	02/15/24	11:53	Low Flow	Yes	Clear	None	none	17.42	0.00
020	G125	JC	02/15/24	12:19	Low Flow	Yes	Clear	None	none	18.66	1.27
021	G126	JC	02/15/24	13:22	Low Flow	Yes	Clear	None	none	10.55	0.00
022	G151	JC	02/19/24	09:11	Low Flow	Yes	Clear	None	none	12.13	0.00
023	G152	JC	02/19/24	11:09	Low Flow	Yes	Slightly cloudy	None	lt brown	18.35	7.21
024	G153	JC	02/19/24	10:09	Low Flow	Yes	Clear	None	none	13.73	0.00
025	G154	JC	02/19/24	09:48	Low Flow	Yes	Clear	None	none	13.36	0.00
026	G155	JC	02/16/24	10:37	Low Flow	Yes	Slightly cloudy	None	none	13.42	0.00
027	G200	JC	02/21/24	09:03	Low Flow	Yes	Clear	None	none	6.06	0.44
028	G206	bg	02/13/24	11:44	Low Flow	Yes	Clear	None	Clear	13.61	2.11
029	G206D	JC	02/16/24	09:31	Low Flow	Yes	Clear	None	none	29.30	0.00
030	G207	TAC	02/15/24	11:55	Low Flow	Yes	Clear	None	Clear	15.44	3.94
031	G208	BG	02/13/24	11:00	Low Flow	Yes	Clear	None	Clear	10.79	-0.01
032	G209	BG	02/13/24	10:30	Low Flow	Yes	Clear	None	Clear	12.28	1.69
033	G210	BG	02/13/24	09:48	Low Flow	Yes	Clear	None	Clear	12.55	0.84
034	G211	JC	02/14/24	10:46	Low Flow	Yes	Clear	None	none	12.50	0.00
035	G212	JC	02/14/24	10:17	Low Flow	Yes	Clear	None	none	12.95	0.00
036	G213	JC	02/14/24	09:55	Low Flow	Yes	Clear	None	none	13.23	0.00
037	G214	BG	02/13/24	14:37	Low Flow	Yes	Clear	None	Clear	17.04	0.98
038	G215	BG	02/13/24	14:12	Low Flow	Yes	Clear	None	Clear	15.77	0.17
039	G216	BG	02/13/24	13:40	Low Flow	Yes	Cloudy	None	Clear	17.65	2.77
040	G217	BG	02/13/24	12:40	Low Flow	Yes	Clear	None	Clear	16.10	-0.07
041	G218	BG	02/13/24	12:11	Low Flow	Yes	Clear	None	Clear	15.00	-0.07
042	G270	JC	02/19/24	11:56	Low Flow	Yes	Slightly cloudy	None	none	3.25	0.39

Site Samping Event: Coffeen 1Q24
LIMS Workorder: 24020001
Technician(s): DC, JC, TC, BG

Groundwater Sampling Summary
Coffeen- 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)
043	G271	JC	02/19/24	12:20	Low Flow	Yes	Clear	None	none	12.18	1.13
044	G272	JC	02/19/24	12:51	Low Flow	Yes	Clear	None	none	10.25	0.00
045	G273	JC	02/19/24	13:18	Low Flow	Yes	Clear	None	none	10.95	0.00
046	G274	JC	02/19/24	13:45	Low Flow	Yes	Clear	None	none	14.33	0.00
047	G275	JC	02/19/24	14:21	Low Flow	Yes	Clear	None	none	13.35	0.00
048	G275D	JC	02/19/24	14:05	Low Flow	No	Clear	Moderate	none	41.52	2.53
049	G276	JC	02/20/24	09:21	Low Flow	Yes	Clear	None	none	30.84	3.14
050	G277	JC	02/20/24	09:40	Low Flow	Yes	Clear	None	none	20.26	0.00
051	G278	TAC	02/15/24	11:03	Low Flow	Yes	Clear	None	Clear	26.25	1.11
052	G279	JC	02/20/24	10:25	Low Flow	Yes	Clear	None	none	24.63	0.00
053	G280	JC	02/20/24	11:10	Low Flow	Yes	Slightly cloudy	None	none	6.40	0.00
054	G281	JC	02/15/24	14:22	Low Flow	Yes	Slightly cloudy	None	none	5.91	0.00
055	G283	JC	02/21/24	10:11	Low Flow	No	Slightly cloudy	None	none	5.35	0.05
056	G284	TAC	02/20/24	14:26	Low Flow	No	Clear	None	Clear	12.28	0.51
057	G285	TAC	02/20/24	13:18	Low Flow	No	Clear	None	Clear	10.76	4.11
058	G301	TAC	02/19/24	12:03	Low Flow	No	Clear	None	none	8.49	1.54
059	G302	TAC	02/19/24	13:27	Low Flow	No	Clear	None	Clear	11.34	1.79
060	G303	TAC	02/14/24	10:23	Low Flow	No	Clear	None	Clear	7.19	1.47
061	G305	TAC	02/19/24	14:56	Low Flow	No	Clear	None	Clear	6.74	0.08
062	G306	TAC	02/14/24	11:35	Low Flow	No	Clear	None	Clear	8.99	2.21
063	G307	TAC	02/14/24	14:58	Low Flow	No	Cloudy	None	Lite Brown	0.05	0.00
064	G307D	TAC	02/14/24	13:42	Low Flow	No	Clear	None	none	6.18	1.14
065	G308	TAC	02/16/24	10:04	Low Flow	No	Clear	None	none	5.36	0.57
066	G310	TAC	02/19/24	11:24	Low Flow	No	Clear	None	none	9.24	0.46
067	G312	TAC	02/19/24	14:11	Low Flow	No	Clear	None	none	13.00	1.05
068	G313	TAC	02/13/24	14:19	Low Flow	No	Clear	Slight	none	4.44	0.73
069	G314	TAC	02/13/24	13:11	Low Flow	No	Clear	None	Clear	11.38	4.68
070	G314D	TAC	02/13/24	12:20	Low Flow	No	Clear	None	Clear	12.39	6.24
071	G315	TAC	02/14/24	12:45	Low Flow	No	Clear	None	Clear	3.00	0.60
072	G316	TAC	02/13/24	11:31	Low Flow	No	Clear	None	Clear	12.71	0.80
073	G401	JC	02/21/24	12:46	Low Flow	Yes	Slightly cloudy	None	none	22.12	0.16
074	G402	JC	02/21/24	13:44	Low Flow	Yes	Slightly cloudy	None	none	9.81	0.00
075	G403	JC	02/21/24	11:43	Low Flow	Yes	Clear	None	none	6.96	0.55
076	G404	JC	02/21/24	10:37	Low Flow	Yes	Clear	None	none	4.30	0.00
077	G405	JC	02/21/24	11:09	Low Flow	Yes	Clear	None	none	6.30	0.00
078	G406	JC	02/21/24	12:11	Low Flow	Yes	Clear	None	none	12.13	0.00
079	G407	TAC	02/20/24	10:15	Low Flow	Yes	Clear	None	Clear	12.62	6.52
080	G410	TAC	02/20/24	11:18	Low Flow	Yes	Clear	None	Clear	10.10	1.35
081	G411	TAC	02/20/24	12:13	Low Flow	Yes	Clear	None	Clear	7.86	0.32
082	L201	JC	02/22/24	09:56	No purge	No	Slightly cloudy	Slight	none		
083	L202	JC	02/22/24	09:50	No purge	No	Slightly cloudy	Slight	none		
084	L203	JC	02/22/24	10:04	No purge	No	Slightly cloudy	Slight	none		

Site Samping Event: Coffeen 1Q24
LIMS Workorder: 24020001
Technician(s): DC, JC, TC, BG

Groundwater Sampling Summary
Coffeen- 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)**
085	NE Riser	JC	02/21/24	14:25	Low Flow	No	Clear	None	none		
086	R104	JC	02/14/24	12:38	Low Flow	Yes	Clear	None	none	10.66	2.01
087	R201	JC	02/20/24	14:05	Low Flow	Yes	Clear	None	none	6.06	2.00
088	R205	JC	02/14/24	09:22	Low Flow	Yes	Clear	None	none	6.71	0.00
089	SG-02										
090	SG-03										
091	T127	JC	02/20/24	12:58	Low Flow	Yes	Slightly cloudy	None	none	14.63	0.00
092	T128	JC	02/15/24	09:29	Low Flow	Yes	Clear	None	none	14.67	0.00
093	X201	JC	02/20/24	08:47	No purge	No	Clear	None	none	27.91	0.00
094	XPW01	TAC	02/19/24	10:48	Low Flow	No	Clear	None	none	5.32	0.00
095	XPW02	TAC	02/16/24	10:45	Low Flow	No	Clear	None	none	10.71	0.31
096	XSG-01										
097	Field Blank	JC	02/21/24	15:03							
098	G102 Duplicate	JC	02/14/24	11:13	Low Flow	Yes	Clear	None	none	8.81	0.00
099	G200 Duplicate	JC	02/21/24	09:03	Low Flow	Yes	Clear	None	none	6.06	0.44
100	G273 Duplicate	JC	02/19/24	13:18	Low Flow	Yes	Clear	None	none	10.95	0.00
101	G301 Duplicate	TAC	02/19/24	12:03	Low Flow	No	Clear	None	none	8.49	1.54
102	R201 Duplicate	JC	02/20/24	14:05	Low Flow	Yes	Clear	None	none	6.06	2.00
103	Equipment Blank 1	JC	02/21/24	14:58							

Site Samping Event: Coffeen 1Q24
LIMS Workorder: 24020001
Technician(s): DC, JC, TC, BG

Groundwater Sampling Summary
Coffeen- 1Q 2024

WO Sample	Well ID	COMMENTS
001	AP2D	
002	G1001	
003	G1003	DTW is bottom of well. No pump in well. Hard bottom.
004	G101	
005	G102	
006	G103	
007	G105	
008	G106	
009	G107	
010	G108	
011	G109	
012	G110	
013	G111	
014	G119	
015	G120	
016	G121	
017	G122	
018	G123	
019	G124	
020	G125	
021	G126	
022	G151	
023	G152	
024	G153	
025	G154	
026	G155	
027	G200	
028	G206	
029	G206D	
030	G207	
031	G208	
032	G209	
033	G210	
034	G211	
035	G212	
036	G213	
037	G214	
038	G215	
039	G216	
040	G217	
041	G218	
042	G270	

Site Samping Event: Coffeen 1Q24
LIMS Workorder: 24020001
Technician(s): DC, JC, TC, BG

Groundwater Sampling Summary
Coffeen- 1Q 2024

WO Sample	Well ID	COMMENTS
043	G271	
044	G272	
045	G273	
046	G274	
047	G275	13.35 to T.O.P.
048	G275D	
049	G276	
050	G277	20.26 to T.O.P.
051	G278	Well went dry during fill of bottles. Waited for recharge to
052	G279	
053	G280	
054	G281	
055	G283	
056	G284	Water level below T.O.P.
057	G285	
058	G301	
059	G302	
060	G303	
061	G305	
062	G306	
063	G307	
064	G307D	
065	G308	
066	G310	
067	G312	
068	G313	
069	G314	
070	G314D	
071	G315	
072	G316	
073	G401	ending depth was TOP.
074	G402	
075	G403	
076	G404	
077	G405	
078	G406	
079	G407	
080	G410	
081	G411	
082	L201	Sampled direct from leachate line; DTW from control panel
083	L202	Sampled direct from leachate line; DTW from control panel
084	L203	Sampled direct from leachate line; DTW from control panel

Site Samping Event: Coffeen 1Q24
LIMS Workorder: 24020001
Technician(s): DC, JC, TC, BG

Groundwater Sampling Summary
Coffeen- 1Q 2024

WO Sample	Well ID	COMMENTS
085	NE Riser	
086	R104	
087	R201	
088	R205	
089	SG-02	
090	SG-03	
091	T127	
092	T128	
093	X201	grab - not a well. Reading is in meter as R201.
094	XPW01	
095	XPW02	
096	XSG-01	
097	Field Blank	
098	G102 Duplicate	
099	G200 Duplicate	
100	G273 Duplicate	
101	G301 Duplicate	
102	R201 Duplicate	
103	Equipment Blank 1	

Site Samping Event: Coffeen 1Q24
LIMS Workorder: 24020001
Technician(s): DC, JC, TC, BG

Stabilized Field Parameters Summary
Coffeen- 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
AP2D	2/21/2024	14:54	17.7	63.9	6.70	1,915.4	1.96	59.03	150.4	20.34	45720	24020001-001A
G1001	2/15/2024	13:23	10.1	50.2	6.97	1,312.2	4.50	5.55	157.7	6.31	45600	24020001-002A
G1003	2/21/2024	14:02	*Dry- No Sample*							N/A	N/A	24020001-003A
G101	2/15/2024	13:03	12.8	55.0	7.21	860.7	1.27	14.55	148.3	9.69	45720	24020001-004A
G102	2/14/2024	11:13	12.7	54.9	7.17	980.2	2.40	8.69	148.7	8.81	45720	24020001-005A
G103	2/14/2024	11:50	13.9	57.0	7.10	903.4	4.60	9.94	147.5	11.96	45720	24020001-006A
G105	2/14/2024	12:12	14.3	57.7	7.10	891.5	2.22	8.80	147.6	9.32	45720	24020001-007A
G106	2/14/2024	12:58	13.3	55.9	7.08	1,024.1	4.78	5.75	150.0	10.02	45720	24020001-008A
G107	2/14/2024	13:30	13.8	56.8	7.24	808.8	5.47	14.00	145.7	10.52	45720	24020001-009A
G108	2/14/2024	13:47	14.0	57.2	7.19	795.0	4.04	7.68	146.8	11.43	45720	24020001-010A
G109	2/14/2024	14:05	14.1	57.4	6.96	1,003.4	2.01	8.96	153.4	11.90	45720	24020001-011A
G110	2/14/2024	14:21	14.2	57.6	6.92	940.8	2.70	6.82	153.6	12.76	45720	24020001-012A
G111	2/15/2024	9:03	13.4	56.1	6.56	910.2	3.34	1.72	178.1	14.03	45720	24020001-013A
G119	2/15/2024	9:47	13.7	56.7	7.11	749.3	4.81	2.19	159.4	15.40	45720	24020001-014A
G120	2/15/2024	10:04	13.6	56.5	7.09	925.1	6.57	4.11	160.2	15.84	45720	24020001-015A
G121	2/15/2024	10:40	12.8	55.0	7.03	1,014.1	6.11	10.95	160.5	17.34	45720	24020001-016A
G122	2/15/2024	11:05	13.4	56.1	6.85	1,218.1	5.63	10.73	164.8	17.96	45720	24020001-017A
G123	2/15/2024	11:31	13.4	56.1	7.05	1,008.5	3.28	8.59	149.7	16.60	45720	24020001-018A
G124	2/15/2024	11:53	13.4	56.1	7.16	915.8	5.35	3.83	150.9	17.42	45720	24020001-019A
G125	2/15/2024	12:19	14.0	57.2	7.31	941.7	6.43	2.26	150.6	17.39	45720	24020001-020A
G126	2/15/2024	13:22	13.2	55.8	7.19	874.3	3.69	1.46	151.4	10.55	45720	24020001-021A
G151	2/19/2024	9:11	13.0	55.4	6.90	947.4	4.49	5.97	176.0	12.13	45720	24020001-022A
G152	2/19/2024	11:09	11.0	51.8	7.10	882.0	3.80	28.58	148.9	11.14	45720	24020001-023A
G153	2/19/2024	10:09	13.1	55.6	6.69	4,105.7	2.65	3.82	167.6	13.73	45720	24020001-024A
G154	2/19/2024	9:48	13.4	56.1	7.23	689.8	2.29	9.35	148.5	13.36	45720	24020001-025A
G155	2/16/2024	10:37	12.3	54.1	7.17	987.2	3.75	17.60	140.6	13.42	45720	24020001-026A
G200	2/21/2024	9:03	11.8	53.2	6.69	861.9	2.45	10.96	170.9	5.62	45720	24020001-027A
G206	2/13/2024	11:44	14.3	57.7	7.17	875.0	1.48	4.45	95.5	11.50	45720	24020001-028A
G206D	2/16/2024	9:31	11.7	53.1	6.63	1,038.4	2.53	6.33	172.8	29.30	45720	24020001-029A
G207	2/15/2024	11:55	13.6	56.5	7.18	612.2	2.81	1.87	124.5	11.50	45600	24020001-030A
G208	2/13/2024	11:00	14.0	57.2	7.29	582.7	4.91	2.77	129.4	10.80	45720	24020001-031A
G209	2/13/2024	10:30	13.6	56.5	6.83	1,277.6	1.65	6.89	139.2	10.59	45720	24020001-032A
G210	2/13/2024	9:48	13.7	56.7	7.12	941.5	3.57	11.31	138.6	11.71	45720	24020001-033A
G211	2/14/2024	10:46	14.5	58.1	7.17	841.2	3.41	14.18	149.7	12.50	45720	24020001-034A
G212	2/14/2024	10:17	13.9	57.0	7.09	736.4	4.26	3.41	152.2	12.95	45720	24020001-035A
G213	2/14/2024	9:55	13.7	56.7	6.98	722.7	4.92	11.77	156.6	13.23	45720	24020001-036A
G214	2/13/2024	14:37	14.5	58.1	7.09	1,011.7	2.71	7.95	114.8	16.06	45720	24020001-037A
G215	2/13/2024	14:12	14.1	57.4	6.85	2,017.8	1.61	10.14	121.5	15.60	45720	24020001-038A
G216	2/13/2024	13:39	14.6	58.3	6.83	2,206.5	1.10	11.15	103.7	14.88	45720	24020001-039A
G217	2/13/2024	12:40	14.2	57.6	6.85	1,593.3	1.56	11.23	128.9	16.17	45720	24020001-040A
G218	2/13/2024	12:11	14.2	57.6	6.86	1,564.1	1.69	20.20	125.2	15.07	45720	24020001-041A
G270	2/19/2024	11:56	10.6	51.1	7.15	733.0	2.98	23.96	147.0	2.86	45720	24020001-042A
G271	2/19/2024	12:20	13.2	55.8	7.28	1,030.5	6.01	7.82	148.8	11.05	45720	24020001-043A
G272	2/19/2024	12:51	13.0	55.4	7.25	1,297.0	5.58	8.34	151.8	10.25	45720	24020001-044A
G273	2/19/2024	13:18	13.6	56.5	6.99	1,680.5	1.76	9.78	151.0	10.95	45720	24020001-045A
G274	2/19/2024	13:45	13.8	56.8	7.13	1,043.2	2.98	2.04	143.2	14.33	45720	24020001-046A
G275	2/19/2024	14:21	12.9	55.2	6.95	1,407.7	4.06	5.69	134.4	13.35	45720	24020001-047A

Site Samping Event: Coffeen 1Q24
LIMS Workorder: 24020001
Technician(s): DC, JC, TC, BG

Stabilized Field Parameters Summary
Coffeen- 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
G275D	2/19/2024	14:05	13.8	56.8	7.19	1,501.8	1.91	13.32	129.9	38.99	45720	24020001-048A
G276	2/20/2024	9:21	12.2	54.0	6.68	1,348.3	5.92	16.95	173.7	27.70	45720	24020001-049A
G277	2/20/2024	9:40	12.4	54.3	6.65	1,910.1	4.41	11.76	172.9	20.26	45720	24020001-050A
G278	2/15/2024	11:03	12.8	55.0	6.65	3,507.0	1.48	7.42	145.9	25.14	45600	24020001-051A
G279	2/20/2024	10:25	14.3	57.7	6.75	5,991.5	3.65	4.72	173.7	24.63	45720	24020001-052A
G280	2/20/2024	11:10	12.2	54.0	7.36	883.1	3.51	26.73	135.9	6.40	45720	24020001-053A
G281	2/15/2024	14:22	12.8	55.0	6.92	1,368.1	2.53	31.10	155.5	5.91	45720	24020001-054A
G283	2/21/2024	10:11	11.1	52.0	6.88	1,271.7	1.01	22.65	156.0	5.30	45720	24020001-055A
G284	2/20/2024	14:26	11.7	53.1	7.13	653.4	2.51	2.87	128.4	11.77	45600	24020001-056A
G285	2/20/2024	13:18	12.4	54.3	6.74	1,558.9	0.53	12.10	126.9	6.65	45600	24020001-057A
G301	2/19/2024	12:03	12.2	54.0	6.59	991.1	0.72	22.24	109.9	6.95	45600	24020001-058A
G302	2/19/2024	13:27	12.5	54.5	6.66	1,371.4	1.64	69.26	25.0	9.55	45600	24020001-059A
G303	2/14/2024	10:23	11.7	53.1	6.69	1,751.6	1.38	30.79	116.5	5.72	45600	24020001-060A
G305	2/19/2024	14:56	13.1	55.6	7.16	1,443.0	0.64	23.73	95.6	6.66	45600	24020001-061A
G306	2/14/2024	11:35	12.9	55.2	6.34	663.0	2.42	30.08	137.2	6.78	45600	24020001-062A
G307	2/14/2024	14:58	14.8	58.6	6.93	1,046.5	1.09	256.42	98.6	0.05	45600	24020001-063A
G307D	2/14/2024	13:42	14.1	57.4	7.07	1,207.3	2.50	16.04	30.5	5.04	45600	24020001-064A
G308	2/16/2024	10:04	11.3	52.3	7.08	1,533.1	0.56	6.78	119.4	4.79	45600	24020001-065A
G310	2/19/2024	11:24	12.7	54.9	7.07	1,141.7	0.52	2.32	93.4	8.78	45600	24020001-066A
G312	2/19/2024	14:11	12.6	54.7	6.33	1,454.0	1.15	3.37	83.9	11.95	45600	24020001-067A
G313	2/13/2024	14:19	12.2	54.0	6.78	1,625.5	0.34	33.28	91.4	3.71	45600	24020001-068A
G314	2/13/2024	13:11	11.8	53.2	6.56	2,975.1	0.54	116.64	4.9	6.70	45600	24020001-069A
G314D	2/13/2024	12:20	12.5	54.5	6.80	2,524.5	0.40	115.06	-15.6	6.15	45600	24020001-070A
G315	2/14/2024	12:45	11.8	53.2	6.69	1,161.3	0.62	3.06	153.2	2.40	45600	24020001-071A
G316	2/13/2024	11:31	10.9	51.6	6.87	1,742.0	0.68	1.21	-68.4	11.91	45600	24020001-072A
G401	2/21/2024	12:46	15.8	60.4	5.68	2,985.8	1.38	9.98	177.0	21.96	45720	24020001-073A
G402	2/21/2024	13:44	13.9	57.0	6.75	1,711.6	4.12	29.32	147.0	9.81	45720	24020001-074A
G403	2/21/2024	11:43	13.3	55.9	6.88	738.3	2.57	7.53	146.4	6.41	45720	24020001-075A
G404	2/21/2024	10:37	11.2	52.2	6.84	1,262.6	3.13	5.14	151.4	4.30	45720	24020001-076A
G405	2/21/2024	11:09	12.5	54.5	6.85	2,026.2	2.81	8.87	152.9	6.30	45720	24020001-077A
G406	2/21/2024	12:11	15.2	59.4	6.58	1,417.7	2.87	0.71	158.2	12.13	45720	24020001-078A
G407	2/20/2024	10:15	13.0	55.4	6.78	1,849.5	3.48	6.85	141.3	6.10	45600	24020001-079A
G410	2/20/2024	11:18	12.0	53.6	6.46	957.3	1.79	1.46	118.6	8.75	45600	24020001-080A
G411	2/20/2024	12:13	12.5	54.5	7.25	742.1	2.18	6.15	118.8	7.54	45600	24020001-081A
L201	2/22/2024	9:56	16.0	60.8	11.54	6,499.0	7.07	4.64	-38.6	2.10	45720	24020001-082A
L202	2/22/2024	9:50	18.2	64.8	11.53	15,607.5	6.09	8.56	-33.6	2.21	45720	24020001-083A
L203	2/22/2024	10:04	18.6	65.5	11.75	7,304.8	4.39	4.23	-46.2	2.06	45720	24020001-084A
NE Riser	2/21/2024	14:25	12.2	54.0	6.54	17,574.9	2.52	1.94	181.7	7.02	45720	24020001-085A
R104	2/14/2024	12:38	12.9	55.2	7.43	830.1	5.98	5.26	140.9	8.65	45720	24020001-086A
R201	2/20/2024	14:05	13.9	57.0	7.00	971.2	1.57	14.47	147.0	4.06	45720	24020001-087A
R205	2/14/2024	9:22	12.4	54.3	6.52	1,429.5	1.42	14.07	170.0	6.71	45720	24020001-088A
SG-02	2/12/2024	15:01	DTW Only							7.22	N/A	24020001-089A
SG-03	2/12/2024	11:43	DTW Only							8.44	N/A	24020001-090A
T127	2/20/2024	12:58	14.3	57.7	7.07	835.2	2.81	49.63	148.7	14.63	45720	24020001-091A
T128	2/15/2024	9:29	13.6	56.5	6.84	793.6	3.99	0.82	165.5	14.67	45720	24020001-092A
X201	2/20/2024	8:47	3.6	38.5	4.43	19,872.2	10.58	5.96	244.9	27.91	45720	24020001-093A
XPW01	2/19/2024	10:48	14.3	57.7	7.86	1,014.2	0.56	11.22	72.9	5.32	45600	24020001-094A

Site Samping Event: Coffeen 1Q24
LIMS Workorder: 24020001
Technician(s): DC, JC, TC, BG

Stabilized Field Parameters Summary
Coffeen- 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
XPW02	2/16/2024	10:45	16.5	61.7	7.70	667.7	0.48	4.05	-146.8	10.40	45600	24020001-095A
XSG-01	2/12/2024	15:10	DTW Only							6.72	N/A	24020001-096A
Field Blank	2/21/2024	15:03	QA/QC Sample								N/A	24020001-097A
G102 Duplicate	2/14/2024	11:13	12.7	54.9	7.17	980.2	2.40	8.69	148.7	8.81	45720	24020001-098A
G200 Duplicate	2/21/2024	9:03	11.8	53.2	6.69	861.9	2.45	10.96	170.9	5.62	45720	24020001-099A
G273 Duplicate	2/19/2024	13:18	13.6	56.5	6.99	1,680.5	1.76	9.78	151.0	10.95	45720	24020001-100A
G301 Duplicate	2/19/2024	12:03	12.2	54.0	6.59	991.1	0.72	22.24	109.9	6.95	45600	24020001-101A
R201 Duplicate	2/20/2024	14:05	13.9	57.0	7.00	971.2	1.57	14.47	147.0	4.06	45720	24020001-102A
Equipment Blank 1	2/21/2024	14:58	QA/QC Sample								N/A	24020001-103A

Site Samping Event: Coffeen 1Q24
LIMS Workorder: 24020001
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Coffeen- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
AP2D	2/21/2024	14:42	20.34	17.4	63.3	6.85	1,837.0	3.97	68.32	140.3
AP2D	2/21/2024	14:45	20.34	17.1	62.8	6.77	1,878.2	3.21	65.54	146.6
AP2D	2/21/2024	14:48	20.34	17.1	62.8	6.73	1,892.0	2.67	55.06	149.0
AP2D	2/21/2024	14:51	20.34	17.5	63.5	6.71	1,903.1	2.29	61.68	150.0
AP2D	2/21/2024	14:54	20.34	17.7	63.9	6.70	1,915.4	1.96	59.03	150.4

Site Samping Event: Coffeen 1Q24
LIMS Workorder: 24020001
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Coffeen- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G1001	2/15/2024	13:14	6.31	10.2	50.4	7.00	1,325.5	5.01	9.37	159.0
G1001	2/15/2024	13:17	6.31	10.3	50.5	7.00	1,323.5	4.91	8.08	158.4
G1001	2/15/2024	13:20	6.31	10.0	50.0	6.99	1,321.3	4.70	7.58	158.0
G1001	2/15/2024	13:23	6.31	10.1	50.2	6.97	1,312.2	4.50	5.55	157.7
G1001	2/15/2024	13:14	6.31	10.2	50.4	7.00	1,325.5	5.01	9.37	159.0
G1001	2/15/2024	13:17	6.31	10.3	50.5	7.00	1,323.5	4.91	8.08	158.4
G1001	2/15/2024	13:20	6.31	10.0	50.0	6.99	1,321.3	4.70	7.58	158.0
G1001	2/15/2024	13:23	6.31	10.1	50.2	6.97	1,312.2	4.50	5.55	157.7

Site Samping Event: Coffeen 1Q24
LIMS Workorder: 24020001
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Coffeen- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G1003	2/21/2024	14:02	N/A	*Dry- No Sample*						

Site Samping Event: Coffeen 1Q24
LIMS Workorder: 24020001
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Coffeen- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G101	2/15/2024	12:39	9.69	12.9	55.2	7.27	884.7	2.28	38.37	149.0
G101	2/15/2024	12:42	9.69	12.9	55.2	7.25	875.1	1.97	32.44	149.0
G101	2/15/2024	12:45	9.69	12.9	55.2	7.24	869.8	1.78	27.09	149.0
G101	2/15/2024	12:48	9.69	12.8	55.0	7.23	867.0	1.63	23.91	149.0
G101	2/15/2024	12:51	9.69	12.8	55.0	7.23	865.9	1.53	20.72	148.9
G101	2/15/2024	12:54	9.69	12.8	55.0	7.22	864.0	1.45	20.28	148.7
G101	2/15/2024	12:57	9.69	12.8	55.0	7.22	863.0	1.37	17.64	148.6
G101	2/15/2024	13:00	9.69	12.8	55.0	7.22	861.7	1.31	15.07	148.5
G101	2/15/2024	13:03	9.69	12.8	55.0	7.21	860.7	1.27	14.55	148.3

Site Samping Event: Coffeen 1Q24
LIMS Workorder: 24020001
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Coffeen- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G102	2/14/2024	11:04	8.81	13.0	55.4	7.23	1,114.6	3.03	21.02	150.6
G102	2/14/2024	11:07	8.81	12.9	55.2	7.18	1,100.9	2.30	13.22	150.7
G102	2/14/2024	11:10	8.81	12.8	55.0	7.16	1,071.4	2.08	12.46	149.8
G102	2/14/2024	11:13	8.81	12.7	54.9	7.17	980.2	2.40	8.69	148.7

Site Samping Event: Coffeen 1Q24
LIMS Workorder: 24020001
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Coffeen- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G103	2/14/2024	11:44	11.96	13.9	57.0	7.13	900.2	5.10	14.74	147.0
G103	2/14/2024	11:47	11.96	13.9	57.0	7.13	898.8	4.95	12.08	147.0
G103	2/14/2024	11:50	11.96	13.9	57.0	7.10	903.4	4.60	9.94	147.5

Site Samping Event: Coffeen 1Q24
LIMS Workorder: 24020001
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Coffeen- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G105	2/14/2024	12:06	9.32	13.5	56.3	7.22	892.2	3.99	20.82	146.8
G105	2/14/2024	12:09	9.32	13.7	56.7	7.14	888.9	2.62	10.48	147.5
G105	2/14/2024	12:12	9.32	14.3	57.7	7.10	891.5	2.22	8.80	147.6

Site Samping Event: Coffeen 1Q24
LIMS Workorder: 24020001
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Coffeen- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G106	2/14/2024	12:52	10.02	13.4	56.1	7.16	1,009.7	6.19	14.51	149.0
G106	2/14/2024	12:55	10.02	13.2	55.8	7.11	1,024.1	5.16	9.92	149.6
G106	2/14/2024	12:58	10.02	13.3	55.9	7.08	1,024.1	4.78	5.75	150.0

Site Samping Event: Coffeen 1Q24
LIMS Workorder: 24020001
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Coffeen- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G107	2/14/2024	13:18	10.52	13.6	56.5	7.30	812.2	6.30	23.13	144.7
G107	2/14/2024	13:21	10.52	13.7	56.7	7.28	811.8	6.05	19.06	145.1
G107	2/14/2024	13:24	10.52	13.8	56.8	7.26	809.6	5.83	17.44	145.4
G107	2/14/2024	13:27	10.52	13.9	57.0	7.25	809.2	5.63	15.73	145.6
G107	2/14/2024	13:30	10.52	13.8	56.8	7.24	808.8	5.47	14.00	145.7

Site Samping Event: Coffeen 1Q24
LIMS Workorder: 24020001
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Coffeen- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G108	2/14/2024	13:41	11.43	13.9	57.0	7.30	776.5	6.41	6.67	145.3
G108	2/14/2024	13:44	11.43	14.1	57.4	7.22	794.5	4.58	10.26	146.4
G108	2/14/2024	13:47	11.43	14.0	57.2	7.19	795.0	4.04	7.68	146.8

Site Samping Event: Coffeen 1Q24
LIMS Workorder: 24020001
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Coffeen- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G109	2/14/2024	13:59	11.90	13.8	56.8	7.24	971.2	6.52	9.96	150.3
G109	2/14/2024	14:02	11.90	14.0	57.2	7.02	1,002.5	3.03	7.44	152.7
G109	2/14/2024	14:05	11.90	14.1	57.4	6.96	1,003.4	2.01	8.96	153.4

Site Samping Event: Coffeen 1Q24
LIMS Workorder: 24020001
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Coffeen- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G110	2/14/2024	14:15	12.76	13.9	57.0	7.11	936.6	4.19	4.11	151.7
G110	2/14/2024	14:18	12.76	14.2	57.6	6.97	944.8	3.02	9.10	153.1
G110	2/14/2024	14:21	12.76	14.2	57.6	6.92	940.8	2.70	6.82	153.6

Site Samping Event: Coffeen 1Q24
LIMS Workorder: 24020001
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Coffeen- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G111	2/15/2024	8:57	14.03	13.2	55.8	6.16	896.8	6.82	3.80	190.0
G111	2/15/2024	9:00	14.03	13.4	56.1	6.41	921.3	4.10	2.05	183.6
G111	2/15/2024	9:03	14.03	13.4	56.1	6.56	910.2	3.34	1.72	178.1

Site Samping Event: Coffeen 1Q24
LIMS Workorder: 24020001
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Coffeen- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G119	2/15/2024	9:41	15.40	13.3	55.9	7.21	728.4	7.50	2.91	160.9
G119	2/15/2024	9:44	15.40	13.6	56.5	7.13	747.8	5.51	2.74	160.4
G119	2/15/2024	9:47	15.40	13.7	56.7	7.11	749.3	4.81	2.19	159.4

Site Samping Event: Coffeen 1Q24
LIMS Workorder: 24020001
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Coffeen- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G120	2/15/2024	9:58	15.84	13.2	55.8	7.17	912.5	8.38	5.47	160.5
G120	2/15/2024	10:01	15.84	13.6	56.5	7.10	923.6	6.96	4.33	160.7
G120	2/15/2024	10:04	15.84	13.6	56.5	7.09	925.1	6.57	4.11	160.2

Site Samping Event: Coffeen 1Q24
LIMS Workorder: 24020001
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Coffeen- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G121	2/15/2024	10:31	17.34	13.5	56.3	7.04	1,014.0	6.26	35.90	160.3
G121	2/15/2024	10:34	17.34	13.2	55.8	7.03	1,016.4	6.19	17.60	160.4
G121	2/15/2024	10:37	17.34	12.8	55.0	7.03	1,016.4	6.16	14.89	160.3
G121	2/15/2024	10:40	17.34	12.8	55.0	7.03	1,014.1	6.11	10.95	160.5

Site Samping Event: Coffeen 1Q24
LIMS Workorder: 24020001
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Coffeen- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G122	2/15/2024	10:59	17.96	13.4	56.1	6.93	1,238.8	5.89	21.75	164.0
G122	2/15/2024	11:02	17.96	13.3	55.9	6.87	1,223.5	5.74	15.69	164.6
G122	2/15/2024	11:05	17.96	13.4	56.1	6.85	1,218.1	5.63	10.73	164.8

Site Samping Event: Coffeen 1Q24
LIMS Workorder: 24020001
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Coffeen- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G123	2/15/2024	11:25	16.60	12.8	55.0	7.35	961.0	7.96	4.77	142.4
G123	2/15/2024	11:28	16.60	13.5	56.3	7.14	994.4	5.24	14.19	147.6
G123	2/15/2024	11:31	16.60	13.4	56.1	7.05	1,008.5	3.28	8.59	149.7

Site Samping Event: Coffeen 1Q24
LIMS Workorder: 24020001
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Coffeen- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G124	2/15/2024	11:47	17.42	13.6	56.5	7.29	915.8	7.87	15.54	148.4
G124	2/15/2024	11:50	17.42	13.6	56.5	7.19	916.9	6.08	7.01	150.3
G124	2/15/2024	11:53	17.42	13.4	56.1	7.16	915.8	5.35	3.83	150.9

Site Samping Event: Coffeen 1Q24
LIMS Workorder: 24020001
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Coffeen- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G125	2/15/2024	12:10	17.39	14.2	57.6	7.43	936.9	7.36	5.09	150.9
G125	2/15/2024	12:13	17.39	14.1	57.4	7.37	936.7	7.23	2.23	150.3
G125	2/15/2024	12:16	17.39	14.0	57.2	7.34	939.0	6.80	2.01	150.5
G125	2/15/2024	12:19	17.39	14.0	57.2	7.31	941.7	6.43	2.26	150.6

Site Samping Event: Coffeen 1Q24
LIMS Workorder: 24020001
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Coffeen- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G126	2/15/2024	13:16	10.55	12.9	55.2	7.37	909.6	7.07	2.75	150.7
G126	2/15/2024	13:19	10.55	13.2	55.8	7.24	896.1	4.52	1.62	151.2
G126	2/15/2024	13:22	10.55	13.2	55.8	7.19	874.3	3.69	1.46	151.4

Site Samping Event: Coffeen 1Q24
LIMS Workorder: 24020001
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Coffeen- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G151	2/19/2024	9:05	12.13	13.1	55.6	6.60	975.1	5.30	23.05	185.4
G151	2/19/2024	9:08	12.13	13.0	55.4	6.80	952.4	4.82	9.45	179.5
G151	2/19/2024	9:11	12.13	13.0	55.4	6.90	947.4	4.49	5.97	176.0

Site Samping Event: Coffeen 1Q24
LIMS Workorder: 24020001
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Coffeen- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G152	2/19/2024	11:00	11.14	11.0	51.8	7.11	908.1	5.00	54.05	148.9
G152	2/19/2024	11:03	11.14	10.9	51.6	7.11	896.5	4.56	41.78	148.8
G152	2/19/2024	11:06	11.14	10.9	51.6	7.10	889.3	4.17	33.80	148.8
G152	2/19/2024	11:09	11.14	11.0	51.8	7.10	882.0	3.80	28.58	148.9

Site Samping Event: Coffeen 1Q24
LIMS Workorder: 24020001
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Coffeen- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G153	2/19/2024	10:03	13.73	13.2	55.8	6.68	4,284.0	3.82	13.36	171.5
G153	2/19/2024	10:06	13.73	13.2	55.8	6.66	4,230.8	2.57	6.61	169.2
G153	2/19/2024	10:09	13.73	13.1	55.6	6.69	4,105.7	2.65	3.82	167.6

Site Samping Event: Coffeen 1Q24
LIMS Workorder: 24020001
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Coffeen- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G154	2/19/2024	9:39	13.36	13.3	55.9	7.24	690.6	2.92	18.81	148.8
G154	2/19/2024	9:42	13.36	13.3	55.9	7.23	689.6	2.63	13.73	148.9
G154	2/19/2024	9:45	13.36	13.4	56.1	7.23	690.1	2.44	13.18	148.7
G154	2/19/2024	9:48	13.36	13.4	56.1	7.23	689.8	2.29	9.35	148.5

Site Samping Event: Coffeen 1Q24
LIMS Workorder: 24020001
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Coffeen- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G155	2/16/2024	10:19	13.42	12.2	54.0	7.24	990.9	5.21	34.53	133.2
G155	2/16/2024	10:22	13.42	12.3	54.1	7.21	990.6	5.01	25.87	137.9
G155	2/16/2024	10:25	13.42	12.4	54.3	7.20	989.7	4.68	25.89	138.8
G155	2/16/2024	10:28	13.42	12.4	54.3	7.19	989.6	4.37	22.74	139.6
G155	2/16/2024	10:31	13.42	12.3	54.1	7.18	989.6	4.15	19.00	140.1
G155	2/16/2024	10:34	13.42	12.3	54.1	7.17	988.6	3.92	18.15	140.4
G155	2/16/2024	10:37	13.42	12.3	54.1	7.17	987.2	3.75	17.60	140.6

Site Samping Event: Coffeen 1Q24
LIMS Workorder: 24020001
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Coffeen- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G200	2/21/2024	8:51	5.62	10.8	51.4	5.88	873.9	8.11	239.67	177.3
G200	2/21/2024	8:54	5.62	11.3	52.3	6.33	872.9	4.83	67.64	176.5
G200	2/21/2024	8:57	5.62	11.5	52.7	6.51	866.6	3.60	31.43	175.1
G200	2/21/2024	9:00	5.62	11.6	52.9	6.62	862.6	2.87	15.60	173.0
G200	2/21/2024	9:03	5.62	11.8	53.2	6.69	861.9	2.45	10.96	170.9

Site Samping Event: Coffeen 1Q24
LIMS Workorder: 24020001
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Coffeen- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G206	2/13/2024	11:38	11.50	14.5	58.1	7.21	866.9	2.50	9.67	95.9
G206	2/13/2024	11:41	11.50	14.2	57.6	7.19	869.3	1.78	6.24	96.1
G206	2/13/2024	11:44	11.50	14.3	57.7	7.17	875.0	1.48	4.45	95.5

Site Samping Event: Coffeen 1Q24
LIMS Workorder: 24020001
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Coffeen- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G206D	2/13/2024	11:23	29.30	14.2	57.6	7.30	1,052.9	4.19	11.04	128.3
G206D	2/13/2024	11:26	29.30	13.9	57.0	7.20	1,051.7	2.54	11.65	122.9
G206D	2/13/2024	11:29	29.30	13.9	57.0	7.21	1,046.9	1.96	23.62	109.4
G206D	2/16/2024	9:25	29.30	10.2	50.4	6.09	1,076.2	5.32	15.03	187.7
G206D	2/16/2024	9:28	29.30	11.5	52.7	6.41	1,038.6	3.67	5.72	181.2
G206D	2/16/2024	9:31	29.30	11.7	53.1	6.63	1,038.4	2.53	6.33	172.8

Site Samping Event: Coffeen 1Q24
LIMS Workorder: 24020001
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Coffeen- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G207	2/15/2024	11:43	11.50	13.0	55.4	7.25	616.6	3.56	3.58	124.9
G207	2/15/2024	11:46	11.50	13.2	55.8	7.23	619.3	3.38	4.03	125.2
G207	2/15/2024	11:49	11.50	13.3	55.9	7.21	614.2	3.04	3.20	125.1
G207	2/15/2024	11:52	11.50	13.4	56.1	7.19	614.2	3.02	3.14	125.0
G207	2/15/2024	11:55	11.50	13.6	56.5	7.18	612.2	2.81	1.87	124.5
G207	2/15/2024	11:43	11.50	13.0	55.4	7.25	616.6	3.56	3.58	124.9
G207	2/15/2024	11:46	11.50	13.2	55.8	7.23	619.3	3.38	4.03	125.2
G207	2/15/2024	11:49	11.50	13.3	55.9	7.21	614.2	3.04	3.20	125.1
G207	2/15/2024	11:52	11.50	13.4	56.1	7.19	614.2	3.02	3.14	125.0
G207	2/15/2024	11:55	11.50	13.6	56.5	7.18	612.2	2.81	1.87	124.5

Site Samping Event: Coffeen 1Q24
LIMS Workorder: 24020001
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Coffeen- 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	2/13/2024	10:51	10.80	14.1	57.4	7.45	584.3	6.01	8.12	126.0
G208	2/13/2024	10:54	10.80	14.0	57.2	7.36	584.8	5.36	6.07	127.9
G208	2/13/2024	10:57	10.80	14.0	57.2	7.31	584.1	5.07	3.95	128.9
G208	2/13/2024	11:00	10.80	14.0	57.2	7.29	582.7	4.91	2.77	129.4

Site Samping Event: Coffeen 1Q24
LIMS Workorder: 24020001
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Coffeen- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G209	2/13/2024	10:21	10.59	13.4	56.1	6.88	1,278.5	2.57	17.89	140.2
G209	2/13/2024	10:24	10.59	13.5	56.3	6.85	1,277.9	2.13	13.12	140.1
G209	2/13/2024	10:27	10.59	13.6	56.5	6.84	1,277.3	1.85	10.95	139.7
G209	2/13/2024	10:30	10.59	13.6	56.5	6.83	1,277.6	1.65	6.89	139.2

Site Samping Event: Coffeen 1Q24
LIMS Workorder: 24020001
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Coffeen- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G210	2/13/2024	9:36	11.71	13.4	56.1	7.20	939.1	5.18	23.80	129.6
G210	2/13/2024	9:39	11.71	13.7	56.7	7.15	940.1	4.32	17.23	135.0
G210	2/13/2024	9:42	11.71	13.6	56.5	7.13	940.0	3.95	15.16	137.1
G210	2/13/2024	9:45	11.71	13.7	56.7	7.12	940.2	3.74	10.79	138.1
G210	2/13/2024	9:48	11.71	13.7	56.7	7.12	941.5	3.57	11.31	138.6

Site Samping Event: Coffeen 1Q24
LIMS Workorder: 24020001
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Coffeen- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G211	2/14/2024	10:37	12.50	14.3	57.7	7.20	842.8	4.35	18.79	151.8
G211	2/14/2024	10:40	12.50	14.4	57.9	7.18	841.8	3.85	14.94	151.1
G211	2/14/2024	10:43	12.50	14.5	58.1	7.17	840.7	3.59	15.29	150.4
G211	2/14/2024	10:46	12.50	14.5	58.1	7.17	841.2	3.41	14.18	149.7

Site Samping Event: Coffeen 1Q24
LIMS Workorder: 24020001
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Coffeen- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G212	2/14/2024	10:11	12.95	13.7	56.7	7.18	730.7	6.57	6.12	152.1
G212	2/14/2024	10:14	12.95	13.8	56.8	7.13	733.8	5.37	4.34	152.1
G212	2/14/2024	10:17	12.95	13.9	57.0	7.09	736.4	4.26	3.41	152.2

Site Samping Event: Coffeen 1Q24
LIMS Workorder: 24020001
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Coffeen- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G213	2/14/2024	9:46	13.23	13.7	56.7	6.96	722.7	5.18	24.40	157.7
G213	2/14/2024	9:49	13.23	13.6	56.5	6.97	722.6	5.15	19.05	157.3
G213	2/14/2024	9:52	13.23	13.6	56.5	6.97	722.8	5.01	14.63	157.1
G213	2/14/2024	9:55	13.23	13.7	56.7	6.98	722.7	4.92	11.77	156.6

Site Samping Event: Coffeen 1Q24
LIMS Workorder: 24020001
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Coffeen- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G214	2/13/2024	14:31	16.06	14.4	57.9	7.12	1,028.2	3.05	14.14	114.0
G214	2/13/2024	14:34	16.06	14.5	58.1	7.11	1,014.6	2.95	9.82	114.4
G214	2/13/2024	14:37	16.06	14.5	58.1	7.09	1,011.7	2.71	7.95	114.8

Site Samping Event: Coffeen 1Q24
LIMS Workorder: 24020001
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Coffeen- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G215	2/13/2024	14:00	15.60	14.1	57.4	6.86	2,014.8	1.92	16.53	122.0
G215	2/13/2024	14:03	15.60	14.1	57.4	6.86	2,015.6	1.72	15.32	122.0
G215	2/13/2024	14:06	15.60	14.0	57.2	6.85	2,016.7	1.58	11.83	121.8
G215	2/13/2024	14:09	15.60	14.1	57.4	6.85	2,016.1	1.51	11.96	121.6
G215	2/13/2024	14:12	15.60	14.1	57.4	6.85	2,017.8	1.61	10.14	121.5

Site Samping Event: Coffeen 1Q24
LIMS Workorder: 24020001
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Coffeen- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G216	2/13/2024	13:24	14.88	14.5	58.1	6.83	2,205.5	1.17	26.09	110.4
G216	2/13/2024	13:27	14.88	14.5	58.1	6.83	2,204.7	1.16	24.03	109.1
G216	2/13/2024	13:30	14.88	14.5	58.1	6.83	2,206.0	1.15	18.90	107.7
G216	2/13/2024	13:33	14.88	14.6	58.3	6.83	2,206.3	1.14	15.82	106.5
G216	2/13/2024	13:36	14.88	14.6	58.3	6.83	2,205.1	1.12	12.31	105.1
G216	2/13/2024	13:39	14.88	14.6	58.3	6.83	2,206.5	1.10	11.15	103.7

Site Samping Event: Coffeen 1Q24
LIMS Workorder: 24020001
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Coffeen- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G217	2/13/2024	12:28	16.17	14.2	57.6	6.97	1,591.7	3.55	17.31	129.0
G217	2/13/2024	12:31	16.17	14.2	57.6	6.91	1,591.9	2.66	13.17	129.5
G217	2/13/2024	12:34	16.17	14.2	57.6	6.88	1,591.5	2.15	11.43	129.4
G217	2/13/2024	12:37	16.17	14.3	57.7	6.86	1,591.7	1.80	12.26	129.3
G217	2/13/2024	12:40	16.17	14.2	57.6	6.85	1,593.3	1.56	11.23	128.9

Site Samping Event: Coffeen 1Q24
LIMS Workorder: 24020001
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Coffeen- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G218	2/13/2024	12:05	15.07	14.0	57.2	6.94	1,547.5	3.22	19.12	125.0
G218	2/13/2024	12:08	15.07	14.1	57.4	6.88	1,549.8	2.13	19.63	125.4
G218	2/13/2024	12:11	15.07	14.2	57.6	6.86	1,564.1	1.69	20.20	125.2

Site Samping Event: Coffeen 1Q24
LIMS Workorder: 24020001
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Coffeen- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G270	2/19/2024	11:47	2.86	10.6	51.1	7.18	733.5	3.24	31.50	146.1
G270	2/19/2024	11:50	2.86	10.6	51.1	7.16	733.3	3.12	27.13	146.4
G270	2/19/2024	11:53	2.86	10.6	51.1	7.15	732.9	3.02	24.62	146.8
G270	2/19/2024	11:56	2.86	10.6	51.1	7.15	733.0	2.98	23.96	147.0

Site Samping Event: Coffeen 1Q24
LIMS Workorder: 24020001
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Coffeen- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G271	2/19/2024	12:14	11.05	13.0	55.4	7.36	1,144.6	8.42	9.69	147.6
G271	2/19/2024	12:17	11.05	13.0	55.4	7.31	1,063.3	6.54	10.55	148.5
G271	2/19/2024	12:20	11.05	13.2	55.8	7.28	1,030.5	6.01	7.82	148.8

Site Samping Event: Coffeen 1Q24
LIMS Workorder: 24020001
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Coffeen- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G272	2/19/2024	12:42	10.25	13.0	55.4	7.32	1,301.3	6.37	30.40	150.3
G272	2/19/2024	12:45	10.25	13.0	55.4	7.30	1,290.1	6.18	17.15	150.8
G272	2/19/2024	12:48	10.25	13.0	55.4	7.28	1,293.0	5.89	10.94	151.3
G272	2/19/2024	12:51	10.25	13.0	55.4	7.25	1,297.0	5.58	8.34	151.8

Site Samping Event: Coffeen 1Q24
LIMS Workorder: 24020001
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Coffeen- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G273	2/19/2024	13:12	10.95	13.5	56.3	7.06	1,661.5	2.83	27.92	147.7
G273	2/19/2024	13:15	10.95	13.5	56.3	7.01	1,675.5	2.11	14.56	149.8
G273	2/19/2024	13:18	10.95	13.6	56.5	6.99	1,680.5	1.76	9.78	151.0

Site Samping Event: Coffeen 1Q24
LIMS Workorder: 24020001
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Coffeen- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G274	2/19/2024	13:39	14.33	14.0	57.2	7.33	1,029.7	4.96	9.11	136.0
G274	2/19/2024	13:42	14.33	13.9	57.0	7.22	984.7	3.80	3.96	140.1
G274	2/19/2024	13:45	14.33	13.8	56.8	7.13	1,043.2	2.98	2.04	143.2

Site Samping Event: Coffeen 1Q24
LIMS Workorder: 24020001
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Coffeen- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G275	2/19/2024	14:15	13.35	12.4	54.3	7.04	1,411.8	4.53	14.32	128.9
G275	2/19/2024	14:18	13.35	12.7	54.9	6.98	1,410.2	4.21	10.20	132.1
G275	2/19/2024	14:21	13.35	12.9	55.2	6.95	1,407.7	4.06	5.69	134.4

Site Samping Event: Coffeen 1Q24
LIMS Workorder: 24020001
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Coffeen- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G275D	2/19/2024	13:59	38.99	14.2	57.6	7.20	1,492.6	4.04	8.13	130.3
G275D	2/19/2024	14:02	38.99	13.6	56.5	7.18	1,502.1	2.50	9.19	129.6
G275D	2/19/2024	14:05	38.99	13.8	56.8	7.19	1,501.8	1.91	13.32	129.9

Site Samping Event: Coffeen 1Q24
LIMS Workorder: 24020001
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Coffeen- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G276	2/20/2024	9:09	27.70	13.1	55.6	6.16	1,384.6	7.47	21.75	177.8
G276	2/20/2024	9:12	27.70	12.8	55.0	6.45	1,346.2	6.37	57.17	178.7
G276	2/20/2024	9:15	27.70	12.2	54.0	6.57	1,342.8	5.54	34.08	176.7
G276	2/20/2024	9:18	27.70	12.0	53.6	6.66	1,345.8	6.31	17.62	174.7
G276	2/20/2024	9:21	27.70	12.2	54.0	6.68	1,348.3	5.92	16.95	173.7

Site Samping Event: Coffeen 1Q24
LIMS Workorder: 24020001
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Coffeen- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G277	2/20/2024	9:34	20.26	12.3	54.1	6.83	1,984.9	7.62	16.18	169.1
G277	2/20/2024	9:37	20.26	12.3	54.1	6.69	1,931.0	5.53	17.43	172.1
G277	2/20/2024	9:40	20.26	12.4	54.3	6.65	1,910.1	4.41	11.76	172.9

Site Samping Event: Coffeen 1Q24
LIMS Workorder: 24020001
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Coffeen- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G278	2/15/2024	10:54	25.14	12.7	54.9	6.63	3,561.9	2.27	20.28	149.1
G278	2/15/2024	10:57	25.14	12.8	55.0	6.64	3,555.7	1.88	25.94	147.9
G278	2/15/2024	11:00	25.14	12.9	55.2	6.65	3,524.0	1.65	20.88	146.7
G278	2/15/2024	11:03	25.14	12.8	55.0	6.65	3,507.0	1.48	7.42	145.9
G278	2/15/2024	10:54	25.14	12.7	54.9	6.63	3,561.9	2.27	20.28	149.1
G278	2/15/2024	10:57	25.14	12.8	55.0	6.64	3,555.7	1.88	25.94	147.9
G278	2/15/2024	11:00	25.14	12.9	55.2	6.65	3,524.0	1.65	20.88	146.7
G278	2/15/2024	11:03	25.14	12.8	55.0	6.65	3,507.0	1.48	7.42	145.9

Site Samping Event: Coffeen 1Q24
LIMS Workorder: 24020001
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Coffeen- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G279	2/20/2024	10:19	24.63	12.8	55.0	7.05	7,213.0	8.64	2.84	174.7
G279	2/20/2024	10:22	24.63	13.9	57.0	6.85	6,595.6	5.20	3.94	174.0
G279	2/20/2024	10:25	24.63	14.3	57.7	6.75	5,991.5	3.65	4.72	173.7

Site Samping Event: Coffeen 1Q24
LIMS Workorder: 24020001
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Coffeen- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G280	2/20/2024	11:01	6.40	12.2	54.0	7.44	888.4	4.15	30.29	131.9
G280	2/20/2024	11:04	6.40	12.1	53.8	7.40	885.0	3.87	31.84	133.7
G280	2/20/2024	11:07	6.40	12.1	53.8	7.38	883.3	3.66	27.48	134.9
G280	2/20/2024	11:10	6.40	12.2	54.0	7.36	883.1	3.51	26.73	135.9

Site Samping Event: Coffeen 1Q24
LIMS Workorder: 24020001
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Coffeen- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G281	2/15/2024	14:16	5.91	12.7	54.9	6.93	1,367.9	2.68	33.43	154.8
G281	2/15/2024	14:19	5.91	12.8	55.0	6.92	1,367.9	2.59	30.45	155.2
G281	2/15/2024	14:22	5.91	12.8	55.0	6.92	1,368.1	2.53	31.10	155.5

Site Samping Event: Coffeen 1Q24
LIMS Workorder: 24020001
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Coffeen- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G283	2/21/2024	9:47	5.30	10.9	51.6	6.85	1,273.2	1.65	63.54	160.2
G283	2/21/2024	9:50	5.30	10.9	51.6	6.85	1,271.7	1.48	56.58	159.6
G283	2/21/2024	9:53	5.30	10.9	51.6	6.85	1,270.4	1.36	50.53	159.0
G283	2/21/2024	9:56	5.30	11.0	51.8	6.86	1,268.5	1.27	46.20	158.4
G283	2/21/2024	9:59	5.30	10.9	51.6	6.86	1,265.3	1.17	37.64	157.9
G283	2/21/2024	10:02	5.30	10.9	51.6	6.87	1,272.0	1.12	32.91	157.3
G283	2/21/2024	10:05	5.30	10.9	51.6	6.87	1,273.4	1.08	26.23	156.9
G283	2/21/2024	10:08	5.30	11.0	51.8	6.87	1,272.2	1.04	24.05	156.5
G283	2/21/2024	10:11	5.30	11.1	52.0	6.88	1,271.7	1.01	22.65	156.0

Site Samping Event: Coffeen 1Q24
LIMS Workorder: 24020001
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Coffeen- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G284	2/20/2024	14:20	11.77	11.7	53.1	7.15	646.1	3.03	5.28	128.4
G284	2/20/2024	14:23	11.77	11.7	53.1	7.14	650.2	2.73	3.76	128.4
G284	2/20/2024	14:26	11.77	11.7	53.1	7.13	653.4	2.51	2.87	128.4
G284	2/20/2024	14:20	11.77	11.7	53.1	7.15	646.1	3.03	5.28	128.4
G284	2/20/2024	14:23	11.77	11.7	53.1	7.14	650.2	2.73	3.76	128.4
G284	2/20/2024	14:26	11.77	11.7	53.1	7.13	653.4	2.51	2.87	128.4

Site Samping Event: Coffeen 1Q24
LIMS Workorder: 24020001
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Coffeen- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G285	2/20/2024	13:12	6.65	12.3	54.1	6.73	1,556.4	0.64	32.03	128.1
G285	2/20/2024	13:15	6.65	12.3	54.1	6.74	1,556.7	0.58	13.54	127.5
G285	2/20/2024	13:18	6.65	12.4	54.3	6.74	1,558.9	0.53	12.10	126.9
G285	2/20/2024	13:12	6.65	12.3	54.1	6.73	1,556.4	0.64	32.03	128.1
G285	2/20/2024	13:15	6.65	12.3	54.1	6.74	1,556.7	0.58	13.54	127.5
G285	2/20/2024	13:18	6.65	12.4	54.3	6.74	1,558.9	0.53	12.10	126.9

Site Samping Event: Coffeen 1Q24
LIMS Workorder: 24020001
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Coffeen- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G301	2/19/2024	11:54	6.95	12.2	54.0	6.64	999.7	0.82	41.03	109.6
G301	2/19/2024	11:57	6.95	12.2	54.0	6.61	997.2	0.76	36.47	109.8
G301	2/19/2024	12:00	6.95	12.2	54.0	6.60	993.5	0.74	27.25	109.9
G301	2/19/2024	12:03	6.95	12.2	54.0	6.59	991.1	0.72	22.24	109.9
G301	2/19/2024	11:54	6.95	12.2	54.0	6.64	999.7	0.82	41.03	109.6
G301	2/19/2024	11:57	6.95	12.2	54.0	6.61	997.2	0.76	36.47	109.8
G301	2/19/2024	12:00	6.95	12.2	54.0	6.60	993.5	0.74	27.25	109.9
G301	2/19/2024	12:03	6.95	12.2	54.0	6.59	991.1	0.72	22.24	109.9

Site Samping Event: Coffeen 1Q24
LIMS Workorder: 24020001
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Coffeen- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G302	2/19/2024	13:15	9.55	12.4	54.3	6.70	1,381.0	1.87	230.63	6.0
G302	2/19/2024	13:18	9.55	12.4	54.3	6.68	1,368.2	1.78	146.43	11.8
G302	2/19/2024	13:21	9.55	12.4	54.3	6.67	1,364.8	1.67	96.96	17.2
G302	2/19/2024	13:24	9.55	12.5	54.5	6.67	1,367.7	1.71	76.08	21.6
G302	2/19/2024	13:27	9.55	12.5	54.5	6.66	1,371.4	1.64	69.26	25.0
G302	2/19/2024	13:15	9.55	12.4	54.3	6.70	1,381.0	1.87	230.63	6.0
G302	2/19/2024	13:18	9.55	12.4	54.3	6.68	1,368.2	1.78	146.43	11.8
G302	2/19/2024	13:21	9.55	12.4	54.3	6.67	1,364.8	1.67	96.96	17.2
G302	2/19/2024	13:24	9.55	12.5	54.5	6.67	1,367.7	1.71	76.08	21.6
G302	2/19/2024	13:27	9.55	12.5	54.5	6.66	1,371.4	1.64	69.26	25.0

Site Samping Event: Coffeen 1Q24
LIMS Workorder: 24020001
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Coffeen- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G303	2/14/2024	10:14	5.72	11.7	53.1	6.69	1,767.5	1.97	15.54	117.3
G303	2/14/2024	10:17	5.72	11.7	53.1	6.69	1,759.7	1.75	22.35	117.0
G303	2/14/2024	10:20	5.72	11.7	53.1	6.69	1,759.0	1.55	24.71	116.8
G303	2/14/2024	10:23	5.72	11.7	53.1	6.69	1,751.6	1.38	30.79	116.5
G303	2/14/2024	10:14	5.72	11.7	53.1	6.69	1,767.5	1.97	15.54	117.3
G303	2/14/2024	10:17	5.72	11.7	53.1	6.69	1,759.7	1.75	22.35	117.0
G303	2/14/2024	10:20	5.72	11.7	53.1	6.69	1,759.0	1.55	24.71	116.8
G303	2/14/2024	10:23	5.72	11.7	53.1	6.69	1,751.6	1.38	30.79	116.5

Site Samping Event: Coffeen 1Q24
LIMS Workorder: 24020001
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Coffeen- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G305	2/19/2024	14:47	6.66	13.1	55.6	7.20	1,438.6	1.17	38.86	97.9
G305	2/19/2024	14:50	6.66	13.1	55.6	7.18	1,437.6	0.84	26.42	97.0
G305	2/19/2024	14:53	6.66	13.2	55.8	7.17	1,439.3	0.71	20.30	96.3
G305	2/19/2024	14:56	6.66	13.1	55.6	7.16	1,443.0	0.64	23.73	95.6
G305	2/19/2024	14:47	6.66	13.1	55.6	7.20	1,438.6	1.17	38.86	97.9
G305	2/19/2024	14:50	6.66	13.1	55.6	7.18	1,437.6	0.84	26.42	97.0
G305	2/19/2024	14:53	6.66	13.2	55.8	7.17	1,439.3	0.71	20.30	96.3
G305	2/19/2024	14:56	6.66	13.1	55.6	7.16	1,443.0	0.64	23.73	95.6

Site Samping Event: Coffeen 1Q24
LIMS Workorder: 24020001
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Coffeen- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G306	2/14/2024	11:11	6.78	12.5	54.5	6.66	690.4	5.39	34.66	129.9
G306	2/14/2024	11:14	6.78	12.6	54.7	6.62	694.8	5.01	25.39	131.2
G306	2/14/2024	11:17	6.78	12.6	54.7	6.59	698.4	4.60	20.88	132.2
G306	2/14/2024	11:20	6.78	12.8	55.0	6.54	697.7	4.12	20.39	133.2
G306	2/14/2024	11:23	6.78	12.7	54.9	6.49	692.9	3.66	20.80	134.2
G306	2/14/2024	11:26	6.78	12.8	55.0	6.44	683.4	3.24	22.68	135.2
G306	2/14/2024	11:29	6.78	12.8	55.0	6.40	676.3	2.91	26.57	136.0
G306	2/14/2024	11:32	6.78	12.8	55.0	6.37	670.6	2.65	27.82	136.6
G306	2/14/2024	11:35	6.78	12.9	55.2	6.34	663.0	2.42	30.08	137.2
G306	2/14/2024	11:11	6.78	12.5	54.5	6.66	690.4	5.39	34.66	129.9
G306	2/14/2024	11:14	6.78	12.6	54.7	6.62	694.8	5.01	25.39	131.2
G306	2/14/2024	11:17	6.78	12.6	54.7	6.59	698.4	4.60	20.88	132.2
G306	2/14/2024	11:20	6.78	12.8	55.0	6.54	697.7	4.12	20.39	133.2
G306	2/14/2024	11:23	6.78	12.7	54.9	6.49	692.9	3.66	20.80	134.2
G306	2/14/2024	11:26	6.78	12.8	55.0	6.44	683.4	3.24	22.68	135.2
G306	2/14/2024	11:29	6.78	12.8	55.0	6.40	676.3	2.91	26.57	136.0
G306	2/14/2024	11:32	6.78	12.8	55.0	6.37	670.6	2.65	27.82	136.6
G306	2/14/2024	11:35	6.78	12.9	55.2	6.34	663.0	2.42	30.08	137.2

Site Samping Event: Coffeen 1Q24
LIMS Workorder: 24020001
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Coffeen- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G307	2/14/2024	14:46	0.05	14.7	58.5	6.93	1,046.9	1.28	339.87	99.3
G307	2/14/2024	14:49	0.05	14.8	58.6	6.93	1,048.2	1.23	335.02	99.2
G307	2/14/2024	14:52	0.05	14.8	58.6	6.93	1,047.0	1.17	303.02	99.0
G307	2/14/2024	14:55	0.05	14.8	58.6	6.93	1,046.9	1.12	280.82	98.8
G307	2/14/2024	14:58	0.05	14.8	58.6	6.93	1,046.5	1.09	256.42	98.6
G307	2/14/2024	14:46	0.05	14.7	58.5	6.93	1,046.9	1.28	339.87	99.3
G307	2/14/2024	14:49	0.05	14.8	58.6	6.93	1,048.2	1.23	335.02	99.2
G307	2/14/2024	14:52	0.05	14.8	58.6	6.93	1,047.0	1.17	303.02	99.0
G307	2/14/2024	14:55	0.05	14.8	58.6	6.93	1,046.9	1.12	280.82	98.8
G307	2/14/2024	14:58	0.05	14.8	58.6	6.93	1,046.5	1.09	256.42	98.6

Site Samping Event: Coffeen 1Q24
LIMS Workorder: 24020001
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Coffeen- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G307D	2/14/2024	13:21	5.04	13.9	57.0	7.09	1,238.1	0.73	41.40	5.1
G307D	2/14/2024	13:24	5.04	14.0	57.2	7.08	1,239.0	0.63	31.68	-2.1
G307D	2/14/2024	13:27	5.04	14.0	57.2	7.09	1,225.6	1.11	32.67	-1.0
G307D	2/14/2024	13:30	5.04	14.1	57.4	7.08	1,214.3	1.77	35.03	8.2
G307D	2/14/2024	13:33	5.04	14.2	57.6	7.08	1,209.1	2.17	22.07	17.0
G307D	2/14/2024	13:36	5.04	14.3	57.7	7.07	1,207.5	2.35	19.15	23.1
G307D	2/14/2024	13:39	5.04	14.2	57.6	7.07	1,212.3	2.44	17.09	27.4
G307D	2/14/2024	13:42	5.04	14.1	57.4	7.07	1,207.3	2.50	16.04	30.5
G307D	2/14/2024	13:21	5.04	13.9	57.0	7.09	1,238.1	0.73	41.40	5.1
G307D	2/14/2024	13:24	5.04	14.0	57.2	7.08	1,239.0	0.63	31.68	-2.1
G307D	2/14/2024	13:27	5.04	14.0	57.2	7.09	1,225.6	1.11	32.67	-1.0
G307D	2/14/2024	13:30	5.04	14.1	57.4	7.08	1,214.3	1.77	35.03	8.2
G307D	2/14/2024	13:33	5.04	14.2	57.6	7.08	1,209.1	2.17	22.07	17.0
G307D	2/14/2024	13:36	5.04	14.3	57.7	7.07	1,207.5	2.35	19.15	23.1
G307D	2/14/2024	13:39	5.04	14.2	57.6	7.07	1,212.3	2.44	17.09	27.4
G307D	2/14/2024	13:42	5.04	14.1	57.4	7.07	1,207.3	2.50	16.04	30.5

Site Samping Event: Coffeen 1Q24
LIMS Workorder: 24020001
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Coffeen- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G308	2/16/2024	9:55	4.79	11.1	52.0	7.08	1,525.5	0.87	12.05	120.1
G308	2/16/2024	9:58	4.79	11.1	52.0	7.08	1,532.2	0.70	10.49	119.9
G308	2/16/2024	10:01	4.79	11.2	52.2	7.08	1,533.8	0.62	8.39	119.6
G308	2/16/2024	10:04	4.79	11.3	52.3	7.08	1,533.1	0.56	6.78	119.4
G308	2/16/2024	9:55	4.79	11.1	52.0	7.08	1,525.5	0.87	12.05	120.1
G308	2/16/2024	9:58	4.79	11.1	52.0	7.08	1,532.2	0.70	10.49	119.9
G308	2/16/2024	10:01	4.79	11.2	52.2	7.08	1,533.8	0.62	8.39	119.6
G308	2/16/2024	10:04	4.79	11.3	52.3	7.08	1,533.1	0.56	6.78	119.4

Site Samping Event: Coffeen 1Q24
LIMS Workorder: 24020001
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Coffeen- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G310	2/19/2024	11:15	8.78	12.6	54.7	7.09	1,136.7	0.66	4.13	93.4
G310	2/19/2024	11:18	8.78	12.6	54.7	7.08	1,137.9	0.60	3.29	93.4
G310	2/19/2024	11:21	8.78	12.6	54.7	7.07	1,139.8	0.55	2.44	93.4
G310	2/19/2024	11:24	8.78	12.7	54.9	7.07	1,141.7	0.52	2.32	93.4
G310	2/19/2024	11:15	8.78	12.6	54.7	7.09	1,136.7	0.66	4.13	93.4
G310	2/19/2024	11:18	8.78	12.6	54.7	7.08	1,137.9	0.60	3.29	93.4
G310	2/19/2024	11:21	8.78	12.6	54.7	7.07	1,139.8	0.55	2.44	93.4
G310	2/19/2024	11:24	8.78	12.7	54.9	7.07	1,141.7	0.52	2.32	93.4

Site Samping Event: Coffeen 1Q24
LIMS Workorder: 24020001
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Coffeen- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G312	2/19/2024	14:02	11.95	12.5	54.5	6.38	1,193.1	1.47	3.56	78.9
G312	2/19/2024	14:05	11.95	12.6	54.7	6.35	1,269.5	1.27	2.78	80.3
G312	2/19/2024	14:08	11.95	12.6	54.7	6.33	1,361.5	1.20	3.07	82.3
G312	2/19/2024	14:11	11.95	12.6	54.7	6.33	1,454.0	1.15	3.37	83.9
G312	2/19/2024	14:02	11.95	12.5	54.5	6.38	1,193.1	1.47	3.56	78.9
G312	2/19/2024	14:05	11.95	12.6	54.7	6.35	1,269.5	1.27	2.78	80.3
G312	2/19/2024	14:08	11.95	12.6	54.7	6.33	1,361.5	1.20	3.07	82.3
G312	2/19/2024	14:11	11.95	12.6	54.7	6.33	1,454.0	1.15	3.37	83.9

Site Samping Event: Coffeen 1Q24
LIMS Workorder: 24020001
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Coffeen- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G313	2/13/2024	14:10	3.71	12.3	54.1	6.78	1,621.3	0.39	23.16	94.0
G313	2/13/2024	14:13	3.71	12.3	54.1	6.78	1,624.5	0.37	26.06	93.0
G313	2/13/2024	14:16	3.71	12.2	54.0	6.78	1,625.1	0.36	31.60	92.1
G313	2/13/2024	14:19	3.71	12.2	54.0	6.78	1,625.5	0.34	33.28	91.4
G313	2/13/2024	14:10	3.71	12.3	54.1	6.78	1,621.3	0.39	23.16	94.0
G313	2/13/2024	14:13	3.71	12.3	54.1	6.78	1,624.5	0.37	26.06	93.0
G313	2/13/2024	14:16	3.71	12.2	54.0	6.78	1,625.1	0.36	31.60	92.1
G313	2/13/2024	14:19	3.71	12.2	54.0	6.78	1,625.5	0.34	33.28	91.4

Site Samping Event: Coffeen 1Q24
LIMS Workorder: 24020001
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Coffeen- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G314	2/13/2024	13:02	6.70	11.9	53.4	6.56	2,981.7	0.69	49.58	12.6
G314	2/13/2024	13:05	6.70	11.8	53.2	6.56	2,974.7	0.60	103.37	8.2
G314	2/13/2024	13:08	6.70	11.8	53.2	6.56	2,974.7	0.56	69.19	5.9
G314	2/13/2024	13:11	6.70	11.8	53.2	6.56	2,975.1	0.54	116.64	4.9
G314	2/13/2024	13:02	6.70	11.9	53.4	6.56	2,981.7	0.69	49.58	12.6
G314	2/13/2024	13:05	6.70	11.8	53.2	6.56	2,974.7	0.60	103.37	8.2
G314	2/13/2024	13:08	6.70	11.8	53.2	6.56	2,974.7	0.56	69.19	5.9
G314	2/13/2024	13:11	6.70	11.8	53.2	6.56	2,975.1	0.54	116.64	4.9

Site Samping Event: Coffeen 1Q24
LIMS Workorder: 24020001
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Coffeen- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G314D	2/13/2024	12:08	6.15	12.2	54.0	6.82	2,460.9	0.61	61.66	25.2
G314D	2/13/2024	12:11	6.15	12.4	54.3	6.81	2,484.4	0.51	61.63	7.9
G314D	2/13/2024	12:14	6.15	12.5	54.5	6.81	2,510.3	0.46	32.06	-3.1
G314D	2/13/2024	12:17	6.15	12.4	54.3	6.80	2,518.9	0.43	84.05	-10.3
G314D	2/13/2024	12:20	6.15	12.5	54.5	6.80	2,524.5	0.40	115.06	-15.6
G314D	2/13/2024	12:08	6.15	12.2	54.0	6.82	2,460.9	0.61	61.66	25.2
G314D	2/13/2024	12:11	6.15	12.4	54.3	6.81	2,484.4	0.51	61.63	7.9
G314D	2/13/2024	12:14	6.15	12.5	54.5	6.81	2,510.3	0.46	32.06	-3.1
G314D	2/13/2024	12:17	6.15	12.4	54.3	6.80	2,518.9	0.43	84.05	-10.3
G314D	2/13/2024	12:20	6.15	12.5	54.5	6.80	2,524.5	0.40	115.06	-15.6

Site Samping Event: Coffeen 1Q24
LIMS Workorder: 24020001
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Coffeen- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G315	2/14/2024	12:36	2.40	11.7	53.1	6.71	1,162.1	0.85	6.55	154.4
G315	2/14/2024	12:39	2.40	11.8	53.2	6.70	1,160.3	0.73	5.16	154.0
G315	2/14/2024	12:42	2.40	11.8	53.2	6.69	1,160.0	0.66	3.73	153.6
G315	2/14/2024	12:45	2.40	11.8	53.2	6.69	1,161.3	0.62	3.06	153.2
G315	2/14/2024	12:36	2.40	11.7	53.1	6.71	1,162.1	0.85	6.55	154.4
G315	2/14/2024	12:39	2.40	11.8	53.2	6.70	1,160.3	0.73	5.16	154.0
G315	2/14/2024	12:42	2.40	11.8	53.2	6.69	1,160.0	0.66	3.73	153.6
G315	2/14/2024	12:45	2.40	11.8	53.2	6.69	1,161.3	0.62	3.06	153.2

Site Samping Event: Coffeen 1Q24
LIMS Workorder: 24020001
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Coffeen- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G316	2/13/2024	11:22	11.91	10.8	51.4	6.86	1,716.8	1.06	2.93	-51.1
G316	2/13/2024	11:25	11.91	10.8	51.4	6.87	1,727.6	0.88	1.81	-58.3
G316	2/13/2024	11:28	11.91	10.9	51.6	6.87	1,734.0	0.78	1.23	-63.8
G316	2/13/2024	11:31	11.91	10.9	51.6	6.87	1,742.0	0.68	1.21	-68.4
G316	2/13/2024	11:22	11.91	10.8	51.4	6.86	1,716.8	1.06	2.93	-51.1
G316	2/13/2024	11:25	11.91	10.8	51.4	6.87	1,727.6	0.88	1.81	-58.3
G316	2/13/2024	11:28	11.91	10.9	51.6	6.87	1,734.0	0.78	1.23	-63.8
G316	2/13/2024	11:31	11.91	10.9	51.6	6.87	1,742.0	0.68	1.21	-68.4

Site Samping Event: Coffeen 1Q24
LIMS Workorder: 24020001
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Coffeen- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G401	2/21/2024	12:37	21.96	16.0	60.8	5.45	2,975.6	2.95	119.74	194.6
G401	2/21/2024	12:40	21.96	15.9	60.6	5.59	2,987.4	2.01	63.36	186.4
G401	2/21/2024	12:43	21.96	15.9	60.6	5.65	2,987.4	1.62	23.61	181.2
G401	2/21/2024	12:46	21.96	15.8	60.4	5.68	2,985.8	1.38	9.98	177.0

Site Samping Event: Coffeen 1Q24
LIMS Workorder: 24020001
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Coffeen- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G402	2/21/2024	13:35	9.81	14.0	57.2	6.68	1,713.5	3.28	35.88	145.6
G402	2/21/2024	13:38	9.81	13.9	57.0	6.71	1,712.5	3.34	30.30	146.4
G402	2/21/2024	13:41	9.81	13.9	57.0	6.73	1,710.7	3.64	28.79	146.8
G402	2/21/2024	13:44	9.81	13.9	57.0	6.75	1,711.6	4.12	29.32	147.0

Site Samping Event: Coffeen 1Q24
LIMS Workorder: 24020001
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Coffeen- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G403	2/21/2024	11:37	6.41	13.3	55.9	6.92	739.2	3.02	21.68	144.2
G403	2/21/2024	11:40	6.41	13.3	55.9	6.89	738.2	2.74	11.56	145.5
G403	2/21/2024	11:43	6.41	13.3	55.9	6.88	738.3	2.57	7.53	146.4

Site Samping Event: Coffeen 1Q24
LIMS Workorder: 24020001
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Coffeen- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G404	2/21/2024	10:31	4.30	11.5	52.7	6.84	1,840.3	3.87	17.06	153.1
G404	2/21/2024	10:34	4.30	11.4	52.5	6.82	1,443.7	3.11	9.21	151.9
G404	2/21/2024	10:37	4.30	11.2	52.2	6.84	1,262.6	3.13	5.14	151.4

Site Samping Event: Coffeen 1Q24
LIMS Workorder: 24020001
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Coffeen- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G405	2/21/2024	10:57	6.30	12.1	53.8	7.12	1,862.6	5.57	25.43	145.6
G405	2/21/2024	11:00	6.30	12.4	54.3	6.97	1,845.0	4.31	24.64	149.2
G405	2/21/2024	11:03	6.30	12.4	54.3	6.90	1,950.9	3.61	13.09	151.4
G405	2/21/2024	11:06	6.30	12.6	54.7	6.87	1,996.4	3.12	10.95	152.3
G405	2/21/2024	11:09	6.30	12.5	54.5	6.85	2,026.2	2.81	8.87	152.9

Site Samping Event: Coffeen 1Q24
LIMS Workorder: 24020001
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Coffeen- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G406	2/21/2024	12:05	12.13	15.3	59.5	6.70	1,407.9	4.69	2.48	154.0
G406	2/21/2024	12:08	12.13	15.3	59.5	6.60	1,420.4	3.35	1.20	157.0
G406	2/21/2024	12:11	12.13	15.2	59.4	6.58	1,417.7	2.87	0.71	158.2

Site Samping Event: Coffeen 1Q24
LIMS Workorder: 24020001
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Coffeen- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G407	2/20/2024	10:06	6.10	12.9	55.2	6.80	1,854.8	3.89	6.35	140.4
G407	2/20/2024	10:09	6.10	13.0	55.4	6.79	1,855.6	3.75	6.41	140.6
G407	2/20/2024	10:12	6.10	13.0	55.4	6.79	1,851.5	3.63	6.77	140.9
G407	2/20/2024	10:15	6.10	13.0	55.4	6.78	1,849.5	3.48	6.85	141.3
G407	2/20/2024	10:06	6.10	12.9	55.2	6.80	1,854.8	3.89	6.35	140.4
G407	2/20/2024	10:09	6.10	13.0	55.4	6.79	1,855.6	3.75	6.41	140.6
G407	2/20/2024	10:12	6.10	13.0	55.4	6.79	1,851.5	3.63	6.77	140.9
G407	2/20/2024	10:15	6.10	13.0	55.4	6.78	1,849.5	3.48	6.85	141.3

Site Samping Event: Coffeen 1Q24
LIMS Workorder: 24020001
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Coffeen- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G410	2/20/2024	11:06	8.75	11.8	53.2	6.50	939.2	3.64	7.26	134.0
G410	2/20/2024	11:09	8.75	11.9	53.4	6.48	944.7	3.23	4.71	129.6
G410	2/20/2024	11:12	8.75	11.9	53.4	6.47	951.2	2.86	3.09	125.6
G410	2/20/2024	11:15	8.75	11.9	53.4	6.46	957.1	2.19	1.72	121.9
G410	2/20/2024	11:18	8.75	12.0	53.6	6.46	957.3	1.79	1.46	118.6
G410	2/20/2024	11:06	8.75	11.8	53.2	6.50	939.2	3.64	7.26	134.0
G410	2/20/2024	11:09	8.75	11.9	53.4	6.48	944.7	3.23	4.71	129.6
G410	2/20/2024	11:12	8.75	11.9	53.4	6.47	951.2	2.86	3.09	125.6
G410	2/20/2024	11:15	8.75	11.9	53.4	6.46	957.1	2.19	1.72	121.9
G410	2/20/2024	11:18	8.75	12.0	53.6	6.46	957.3	1.79	1.46	118.6

Site Samping Event: Coffeen 1Q24
LIMS Workorder: 24020001
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Coffeen- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G411	2/20/2024	12:04	7.54	12.4	54.3	7.26	737.7	2.92	5.08	118.7
G411	2/20/2024	12:07	7.54	12.5	54.5	7.25	737.6	2.60	5.56	118.7
G411	2/20/2024	12:10	7.54	12.5	54.5	7.25	740.8	2.42	5.91	118.8
G411	2/20/2024	12:13	7.54	12.5	54.5	7.25	742.1	2.18	6.15	118.8
G411	2/20/2024	12:04	7.54	12.4	54.3	7.26	737.7	2.92	5.08	118.7
G411	2/20/2024	12:07	7.54	12.5	54.5	7.25	737.6	2.60	5.56	118.7
G411	2/20/2024	12:10	7.54	12.5	54.5	7.25	740.8	2.42	5.91	118.8
G411	2/20/2024	12:13	7.54	12.5	54.5	7.25	742.1	2.18	6.15	118.8

Site Samping Event: Coffeen 1Q24
LIMS Workorder: 24020001
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Coffeen- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
L201	2/22/2024	9:56	2.10	16.0	60.8	11.54	6,499.0	7.07	4.64	-38.6

Site Samping Event: Coffeen 1Q24
LIMS Workorder: 24020001
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Coffeen- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
L202	2/22/2024	9:50	2.21	18.2	64.8	11.53	15,607.5	6.09	8.56	-33.6

Site Samping Event: Coffeen 1Q24
LIMS Workorder: 24020001
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Coffeen- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
L203	2/22/2024	10:04	2.06	18.6	65.5	11.75	7,304.8	4.39	4.23	-46.2

Site Samping Event: Coffeen 1Q24
LIMS Workorder: 24020001
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Coffeen- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
NE Riser	2/21/2024	14:19	7.02	12.4	54.3	6.64	17,268.3	6.29	2.43	191.1
NE Riser	2/21/2024	14:22	7.02	12.2	54.0	6.39	17,419.5	3.65	2.04	189.1
NE Riser	2/21/2024	14:25	7.02	12.2	54.0	6.54	17,574.9	2.52	1.94	181.7

Site Samping Event: Coffeen 1Q24
LIMS Workorder: 24020001
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Coffeen- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
R104	2/14/2024	12:29	8.65	13.2	55.8	7.50	832.9	6.74	9.04	139.7
R104	2/14/2024	12:32	8.65	13.0	55.4	7.46	831.5	6.27	7.03	140.3
R104	2/14/2024	12:35	8.65	12.9	55.2	7.44	830.9	6.08	5.86	140.6
R104	2/14/2024	12:38	8.65	12.9	55.2	7.43	830.1	5.98	5.26	140.9

Site Samping Event: Coffeen 1Q24
LIMS Workorder: 24020001
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Coffeen- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
R201	2/20/2024	13:53	4.06	13.9	57.0	7.10	930.3	3.20	48.64	143.8
R201	2/20/2024	13:56	4.06	13.8	56.8	7.03	924.0	2.47	31.40	145.5
R201	2/20/2024	13:59	4.06	13.8	56.8	7.01	941.8	2.06	18.87	146.3
R201	2/20/2024	14:02	4.06	13.9	57.0	7.00	962.3	1.76	16.66	146.8
R201	2/20/2024	14:05	4.06	13.9	57.0	7.00	971.2	1.57	14.47	147.0

Site Samping Event: Coffeen 1Q24
LIMS Workorder: 24020001
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Coffeen- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
R205	2/14/2024	9:10	6.71	11.8	53.2	6.43	1,433.2	2.00	20.73	177.5
R205	2/14/2024	9:13	6.71	11.9	53.4	6.46	1,430.5	1.77	18.46	175.1
R205	2/14/2024	9:16	6.71	11.9	53.4	6.49	1,429.0	1.60	16.79	173.1
R205	2/14/2024	9:19	6.71	12.1	53.8	6.51	1,428.8	1.48	13.86	171.5
R205	2/14/2024	9:22	6.71	12.4	54.3	6.52	1,429.5	1.42	14.07	170.0

Site Samping Event: Coffeen 1Q24
LIMS Workorder: 24020001
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Coffeen- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
SG-02	2/12/2024	15:01	7.22	DTW Only						

Site Samping Event: Coffeen 1Q24
LIMS Workorder: 24020001
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Coffeen- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
SG-03	2/12/2024	11:43	8.44	DTW Only						

Site Samping Event: Coffeen 1Q24
LIMS Workorder: 24020001
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Coffeen- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
T127	2/20/2024	12:37	14.63	14.3	57.7	7.08	837.3	3.30	78.61	150.0
T127	2/20/2024	12:40	14.63	14.3	57.7	7.08	837.1	3.24	71.55	149.8
T127	2/20/2024	12:43	14.63	14.4	57.9	7.08	836.7	3.16	69.22	149.6
T127	2/20/2024	12:46	14.63	14.4	57.9	7.07	836.1	3.08	63.83	149.5
T127	2/20/2024	12:49	14.63	14.4	57.9	7.07	835.9	3.00	60.11	149.3
T127	2/20/2024	12:52	14.63	14.4	57.9	7.07	835.7	2.92	56.73	149.1
T127	2/20/2024	12:55	14.63	14.4	57.9	7.07	834.7	2.87	53.56	149.0
T127	2/20/2024	12:58	14.63	14.3	57.7	7.07	835.2	2.81	49.63	148.7

Site Samping Event: Coffeen 1Q24
LIMS Workorder: 24020001
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Coffeen- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
T128	2/15/2024	9:23	14.67	13.3	55.9	6.88	784.5	5.69	1.52	167.9
T128	2/15/2024	9:26	14.67	13.5	56.3	6.85	793.3	4.46	0.94	166.8
T128	2/15/2024	9:29	14.67	13.6	56.5	6.84	793.6	3.99	0.82	165.5

Site Samping Event: Coffeen 1Q24
LIMS Workorder: 24020001
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Coffeen- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
X201	2/20/2024	8:47	27.91	3.6	38.5	4.43	19,872.2	10.58	5.96	244.9

Site Samping Event: Coffeen 1Q24
LIMS Workorder: 24020001
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Coffeen- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
XPW01	2/19/2024	10:39	5.32	14.1	57.4	7.81	1,031.0	0.82	23.25	81.7
XPW01	2/19/2024	10:42	5.32	14.2	57.6	7.84	1,022.3	0.69	17.26	78.5
XPW01	2/19/2024	10:45	5.32	14.3	57.7	7.85	1,018.2	0.62	15.11	75.8
XPW01	2/19/2024	10:48	5.32	14.3	57.7	7.86	1,014.2	0.56	11.22	72.9
XPW01	2/19/2024	10:39	5.32	14.1	57.4	7.81	1,031.0	0.82	23.25	81.7
XPW01	2/19/2024	10:42	5.32	14.2	57.6	7.84	1,022.3	0.69	17.26	78.5
XPW01	2/19/2024	10:45	5.32	14.3	57.7	7.85	1,018.2	0.62	15.11	75.8
XPW01	2/19/2024	10:48	5.32	14.3	57.7	7.86	1,014.2	0.56	11.22	72.9

Site Samping Event: Coffeen 1Q24
LIMS Workorder: 24020001
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Coffeen- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
XPW02	2/16/2024	10:36	10.40	16.5	61.7	7.66	651.5	0.79	24.84	-69.6
XPW02	2/16/2024	10:39	10.40	16.5	61.7	7.68	660.7	0.61	12.64	-114.4
XPW02	2/16/2024	10:42	10.40	16.4	61.5	7.69	662.7	0.52	6.25	-133.8
XPW02	2/16/2024	10:45	10.40	16.5	61.7	7.70	667.7	0.48	4.05	-146.8
XPW02	2/16/2024	10:36	10.40	16.5	61.7	7.66	651.5	0.79	24.84	-69.6
XPW02	2/16/2024	10:39	10.40	16.5	61.7	7.68	660.7	0.61	12.64	-114.4
XPW02	2/16/2024	10:42	10.40	16.4	61.5	7.69	662.7	0.52	6.25	-133.8
XPW02	2/16/2024	10:45	10.40	16.5	61.7	7.70	667.7	0.48	4.05	-146.8

Site Samping Event: Coffeen 1Q24
LIMS Workorder: 24020001
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Coffeen- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
XSG-01	2/12/2024	15:10	6.72	DTW Only						

Site Samping Event: Coffeen 1Q24
LIMS Workorder: 24020001
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Coffeen- 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	2/21/2024	15:03	QA/QC Sample							

Site Samping Event: Coffeen 1Q24
LIMS Workorder: 24020001
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Coffeen- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G102 Duplicate	2/14/2024	11:04	8.81	13.0	55.4	7.23	1,114.6	3.03	21.02	150.6
G102 Duplicate	2/14/2024	11:07	8.81	12.9	55.2	7.18	1,100.9	2.30	13.22	150.7
G102 Duplicate	2/14/2024	11:10	8.81	12.8	55.0	7.16	1,071.4	2.08	12.46	149.8
G102 Duplicate	2/14/2024	11:13	8.81	12.7	54.9	7.17	980.2	2.40	8.69	148.7

Site Samping Event: Coffeen 1Q24
LIMS Workorder: 24020001
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Coffeen- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G200 Duplicate	2/21/2024	8:51	5.62	10.8	51.4	5.88	873.9	8.11	239.67	177.3
G200 Duplicate	2/21/2024	8:54	5.62	11.3	52.3	6.33	872.9	4.83	67.64	176.5
G200 Duplicate	2/21/2024	8:57	5.62	11.5	52.7	6.51	866.6	3.60	31.43	175.1
G200 Duplicate	2/21/2024	9:00	5.62	11.6	52.9	6.62	862.6	2.87	15.60	173.0
G200 Duplicate	2/21/2024	9:03	5.62	11.8	53.2	6.69	861.9	2.45	10.96	170.9

Site Samping Event: Coffeen 1Q24
LIMS Workorder: 24020001
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Coffeen- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G273 Duplicate	2/19/2024	13:12	10.95	13.5	56.3	7.06	1,661.5	2.83	27.92	147.7
G273 Duplicate	2/19/2024	13:15	10.95	13.5	56.3	7.01	1,675.5	2.11	14.56	149.8
G273 Duplicate	2/19/2024	13:18	10.95	13.6	56.5	6.99	1,680.5	1.76	9.78	151.0

Site Samping Event: Coffeen 1Q24
LIMS Workorder: 24020001
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Coffeen- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G301 Duplicate	2/19/2024	11:54	6.95	12.2	54.0	6.64	999.7	0.82	41.03	109.6
G301 Duplicate	2/19/2024	11:57	6.95	12.2	54.0	6.61	997.2	0.76	36.47	109.8
G301 Duplicate	2/19/2024	12:00	6.95	12.2	54.0	6.60	993.5	0.74	27.25	109.9
G301 Duplicate	2/19/2024	12:03	6.95	12.2	54.0	6.59	991.1	0.72	22.24	109.9

Site Samping Event: Coffeen 1Q24
LIMS Workorder: 24020001
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Coffeen- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
R201 Duplicate	2/20/2024	13:53	4.06	13.9	57.0	7.10	930.3	3.20	48.64	143.8
R201 Duplicate	2/20/2024	13:56	4.06	13.8	56.8	7.03	924.0	2.47	31.40	145.5
R201 Duplicate	2/20/2024	13:59	4.06	13.8	56.8	7.01	941.8	2.06	18.87	146.3
R201 Duplicate	2/20/2024	14:02	4.06	13.9	57.0	7.00	962.3	1.76	16.66	146.8
R201 Duplicate	2/20/2024	14:05	4.06	13.9	57.0	7.00	971.2	1.57	14.47	147.0

Site Samping Event: Coffeen 1Q24
LIMS Workorder: 24020001
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Coffeen- 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	2/21/2024	14:58	QA/QC Sample							

Site Samping Event: Coffeen 1Q24
LIMS Workorder: 24020001
Technician(s): DC, JC, TC, DC

Field Calibration Log(s)
Coffeen- 1Q 2024

Field Temp SOP 1156 - SM 2550 B
Field pH SOP 1152 - SW-846 9040B - SM 4500-H B
Field Cond. SOP 1155 - SW-846 9050A - SM 2510 B

Field Meter ID: Pine 45720 Technician(s): justin colp Date: 2/13/2024

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	wc230830b	3.98	2/13/24 9:09
7.0 Buffer	wc230616f	7.00	2/13/24 9:07
10.0 Buffer	wc231027d	10.01	2/13/24 9:19
LCS/CCV (7.0 Buffer)	wc231207a		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	95009	1412	2/13/24 9:19

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	1.87	2/13/24 9:19
124 NTU	95834		

ORP Standard	LIMS ID/Lot#	Reading	Date/Time

D.O. Saturation	LIMS ID/Lot#	Reading	Date/Time
100%	N/A		

Sample ID	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	ORP mV	D.O. %	Comments
LCS	2/13/24 9:20	14.7	7.00	1,415	1.9			
CCV (Midday)	2/13/24 11:56	15.1	7.00	1,419	0.98			
CCV	2/13/24 14:44	16.5	7.02	1,421	2.03			

Field Meter ID: Pine 45720 Technician(s): justin colp Date: 2/14/2024

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	wc230830b	3.99	2/14/24 8:40
7.0 Buffer	wc230616f	7.00	2/14/24 8:36
10.0 Buffer	wc231027d	10.01	2/14/24 8:43
LCS/CCV (7.0 Buffer)	wc231207a		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	95009	1412	2/14/24 8:46

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	2.06	2/14/24 8:48
124 NTU	95834		

ORP Standard	LIMS ID/Lot#	Reading	Date/Time

D.O. Saturation	LIMS ID/Lot#	Reading	Date/Time
100%	N/A		

Sample ID	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	ORP mV	D.O. %	Comments
LCS	2/14/24 8:53	14.9	7.01	1,414	2.06			
CCV (Midday)	2/14/24 11:29	16	7.01	1,420	2.06			
CCV	2/14/24 15:08	16.3	7.02	1,423	2.08			

Site Samping Event: Coffeen 1Q24
LIMS Workorder: 24020001
Technician(s): DC, JC, TC, DC

Field Calibration Log(s)
Coffeen- 1Q 2024

Field Temp SOP 1156 - SM 2550 B
Field pH SOP 1152 - SW-846 9040B - SM 4500-H B
Field Cond. SOP 1155 - SW-846 9050A - SM 2510 B

Field Meter ID: Pine 45720 Technician(s): justin colp Date: 2/15/2024

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	wc230830b	4.00	2/15/24 8:40
7.0 Buffer	wc230616f	7.01	2/15/24 8:37
10.0 Buffer	wc231027d	9.99	2/15/24 8:42
LCS/CCV (7.0 Buffer)	wc231207a		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	95009	1412	2/15/24 8:45

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	0.86	2/15/24 8:47
124 NTU	95834		

ORP Standard	LIMS ID/Lot#	Reading	Date/Time

D.O. Saturation	LIMS ID/Lot#	Reading	Date/Time
100%	N/A		

Sample ID	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	ORP mV	D.O. %	Comments
LCS	2/15/24 8:49	13.6	7.01	1,412	0.87			
CCV (Midday)	2/15/24 12:02	14.6	7.01	1,415	0.88			
CCV	2/15/24 14:30	17.7	7.03	1,427	0.94			

Field Meter ID: Pine 45720 Technician(s): justin colp Date: 2/16/2024

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	wc230830b	4.00	2/16/24 9:05
7.0 Buffer	wc230616f	7.01	2/16/24 9:02
10.0 Buffer	wc231027d	10.00	2/16/24 9:08
LCS/CCV (7.0 Buffer)	wc231207a		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	95009	1412	2/16/24 9:10

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	0.92	2/16/24 9:12
124 NTU	95834		

ORP Standard	LIMS ID/Lot#	Reading	Date/Time

D.O. Saturation	LIMS ID/Lot#	Reading	Date/Time
100%	N/A		

Sample ID	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	ORP mV	D.O. %	Comments
LCS	2/16/24 9:17	10.6	7.01	1,415	0.92			
CCV	2/16/24 10:41	14.6	7.01	1,418	0.95			

Site Samping Event: Coffeen 1Q24
LIMS Workorder: 24020001
Technician(s): DC, JC, TC, DC

Field Calibration Log(s)
Coffeen- 1Q 2024

Field Temp SOP 1156 - SM 2550 B
Field pH SOP 1152 - SW-846 9040B - SM 4500-H B
Field Cond. SOP 1155 - SW-846 9050A - SM 2510 B

Field Meter ID: Pine 45720 Technician(s): justin colp 2/19/2024

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	wc230830b	3.98	2/19/24 8:42
7.0 Buffer	wc230616f	7.00	2/19/24 8:39
10.0 Buffer	wc231027d	10.01	2/19/24 8:45
LCS/CCV (7.0 Buffer)	wc231207a		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	95009	1412	2/19/24 8:49

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	1.23	2/19/24 8:51
124 NTU	95834		

ORP Standard	LIMS ID/Lot#	Reading	Date/Time

D.O. Saturation	LIMS ID/Lot#	Reading	Date/Time
100%	N/A		

Sample ID	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	ORP mV	D.O. %	Comments
LCS	2/19/24 8:54	12.5	7.01	1,415	1.23			
CCV (Midday)	2/19/24 12:24	14.3	7.01	1,418	1.26			
CCV	2/19/24 14:54	17.2	7.02	1,420	1.26			

Field Meter ID: Pine 45720 Technician(s): justin colp Date: 2/20/2024

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	wc230830b	4.00	2/20/24 8:31
7.0 Buffer	wc230616f	7.01	2/20/24 8:28
10.0 Buffer	wc231027d	9.99	2/20/24 8:34
LCS/CCV (7.0 Buffer)	wc231207a		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	95009	1414	2/20/24 8:37

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	0.92	
124 NTU	95834		

ORP Standard	LIMS ID/Lot#	Reading	Date/Time

D.O. Saturation	LIMS ID/Lot#	Reading	Date/Time
100%	N/A		

Sample ID	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	ORP mV	D.O. %	Comments
LCS	2/20/24 8:42	11.3	7.01	1,418	0.92			
CCV (Midday)	2/20/24 11:33	13	7.00	1,422	0.91			
CCV	2/20/24 15:07	17.6	7.03	1,426	0.99			

Site Samping Event: Coffeen 1Q24
LIMS Workorder: 24020001
Technician(s): DC, JC, TC, DC

Field Calibration Log(s)
Coffeen- 1Q 2024

Field Temp SOP 1156 - SM 2550 B
Field pH SOP 1152 - SW-846 9040B - SM 4500-H B
Field Cond. SOP 1155 - SW-846 9050A - SM 2510 B

Field Meter ID: Pine 45720 Technician(s): justin colp Date: 2/21/2024

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	wc230830b	4.00	2/21/24 8:36
7.0 Buffer	wc230616f	7.00	2/21/24 8:33
10.0 Buffer	wc231027d	9.99	2/21/24 8:38
LCS/CCV (7.0 Buffer)	wc231207a		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	95009	1412	2/21/24 8:42

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	0.9	2/21/24 8:44
124 NTU	95834		

ORP Standard	LIMS ID/Lot#	Reading	Date/Time

D.O. Saturation	LIMS ID/Lot#	Reading	Date/Time
100%	N/A		

Sample ID	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	ORP mV	D.O. %	Comments
LCS	2/21/24 8:46	14.4	7.01	1,415	0.91			
CCV (Midday)	2/21/24 12:21	18.7	7.01	1,416	0.91			
CCV	2/21/24 15:05	20.2	7.03	1,419	0.94			

Field Meter ID: Pine 45720 Technician(s): justin colp Date: 2/22/2024

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	wc230830b	4.01	2/22/24 9:35
7.0 Buffer	wc230616f	7.02	2/22/24 9:35
10.0 Buffer	wc231027d	9.99	2/22/24 9:36
LCS/CCV (7.0 Buffer)	wc231207a		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	95009	1416	2/22/24 9:36

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	0.98	2/22/24 9:36
124 NTU	95834		

ORP Standard	LIMS ID/Lot#	Reading	Date/Time

D.O. Saturation	LIMS ID/Lot#	Reading	Date/Time
100%	N/A		

Sample ID	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	ORP mV	D.O. %	Comments
LCS	2/22/24 9:36	14.6	7.02	1,419	0.98			
CCV	2/22/24 10:13	15.9	7.02	1,420	0.98			

Site Samping Event: Coffeen 1Q24
LIMS Workorder: 24020001
Technician(s): DC, JC, TC, DC

Field Calibration Log(s)
Coffeen- 1Q 2024

Field Temp SOP 1156 - SM 2550 B
Field pH SOP 1152 - SW-846 9040B - SM 4500-H B
Field Cond. SOP 1155 - SW-846 9050A - SM 2510 B

Field Meter ID: Pine 45600 Technician(s): Tracy Carroll Date: 2/13/2023

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	WC230830B	4.00	2/13/24 10:34
7.0 Buffer	WC230616F	7.00	2/13/24 10:39
10.0 Buffer	WC231027D	10.00	2/13/24 10:42
LCS/CCV (7.0 Buffer)	WC231207A		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	95009	1412	2/13/24 10:47

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	0.06	2/13/24 10:56
124 NTU	95834		

ORP Standard	LIMS ID/Lot#	Reading	Date/Time

D.O. Saturation	LIMS ID/Lot#	Reading	Date/Time
100%	N/A		

Sample ID	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	ORP mV	D.O. %	Comments
LCS	2/13/24 10:54	11.9	7.08	1,413	0.07			
CCV	2/13/24 15:12	15.6	7.09	1,447	0.38			

Field Meter ID: Pine 45600 Technician(s): Tracy Carroll/ Danny Crump Date: 2/14/2024

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	WC230830B	4.00	2/14/24 9:41
7.0 Buffer	WC230616F	7.00	2/14/24 9:43
10.0 Buffer	WC231027D	10.00	2/14/24 9:46
LCS/CCV (7.0 Buffer)	WC231207A		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	95009	1412	2/14/24 9:49

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	0.14	2/14/24 9:51
124 NTU	95834		

ORP Standard	LIMS ID/Lot#	Reading	Date/Time

D.O. Saturation	LIMS ID/Lot#	Reading	Date/Time
100%	N/A		

Sample ID	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	ORP mV	D.O. %	Comments
LCS	2/14/24 9:53	8.9	7.03	1,410	0.07			
CCV (Midday)	2/14/24 11:06	14.5	7.01	1,403	0.22			
CCV	2/14/24 15:07	16.6	7.00	1,399	0.31			

Site Samping Event: Coffeen 1Q24
LIMS Workorder: 24020001
Technician(s): DC, JC, TC, DC

Field Calibration Log(s)
Coffeen- 1Q 2024

Field Temp SOP 1156 - SM 2550 B
Field pH SOP 1152 - SW-846 9040B - SM 4500-H B
Field Cond. SOP 1155 - SW-846 9050A - SM 2510 B

Field Meter ID: Pine 45600 Technician(s): Tracy Carroll/Danny Crump Date: 2/15/2024

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	WC230830B	4.00	2/15/24 10:08
7.0 Buffer	WC230616F	7.00	2/15/24 10:09
10.0 Buffer	WC231027D	10.00	2/15/24 10:11
LCS/CCV (7.0 Buffer)	WC231207A		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	95009	1412	2/15/24 10:12

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	0.33	2/15/24 10:13
124 NTU	95834		

ORP Standard	LIMS ID/Lot#	Reading	Date/Time

D.O. Saturation	LIMS ID/Lot#	Reading	Date/Time
100%	N/A		

Sample ID	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	ORP mV	D.O. %	Comments
LCS	2/15/24 10:16	13.0	7.03	1,413	0.33			
CCV	2/15/24 14:21	16.2	7.03	1,333	0.25			

Field Meter ID: Pine 45600 Technician(s): Tracy Carroll/Danny Crump Date: 2/16/2024

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	WC230830B	4.00	2/16/24 9:27
7.0 Buffer	WC230616F	7.00	2/16/24 9:27
10.0 Buffer	WC231027D	10.00	2/16/24 9:28
LCS/CCV (7.0 Buffer)	WC231207A		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	95009	1412	2/16/24 9:29

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	0.23	2/16/24 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	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	ORP mV	D.O. %	Comments
LCS	2/16/24 9:31	8.9	7.09	1,410	0.49			
CCV (Midday)	2/16/24 11:50	10.6	7.07	1,406	0.51			
CCV	2/16/24 14:34	11.8	7.08	1,397	0.59			

Site Samping Event: Coffeen 1Q24
LIMS Workorder: 24020001
Technician(s): DC, JC, TC, DC

Field Calibration Log(s)
Coffeen- 1Q 2024

Field Temp SOP 1156 - SM 2550 B
Field pH SOP 1152 - SW-846 9040B - SM 4500-H B
Field Cond. SOP 1155 - SW-846 9050A - SM 2510 B

Field Meter ID: Pine 45600 Technician(s): Tracy Carroll/Danny Crump Date: 2/19/2024

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	WC230830B	4.00	2/19/24 10:06
7.0 Buffer	WC230616F	7.00	2/19/24 10:08
10.0 Buffer	WC231027D	10.00	2/19/24 10:11
LCS/CCV (7.0 Buffer)	WC231207A		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	95009	1412	2/19/24 10:12

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	1.77	2/19/24 10:14
124 NTU	95834		

ORP Standard	LIMS ID/Lot#	Reading	Date/Time

D.O. Saturation	LIMS ID/Lot#	Reading	Date/Time
100%	N/A		

Sample ID	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	ORP mV	D.O. %	Comments
LCS	2/19/24 10:28	1.6	7.09	1,410	1.77			
CCV	2/19/24 15:29	10.1	7.09	1,312	0.84			

Field Meter ID: Pine 45600 Technician(s): Tracy Carroll/Danny Crump Date: 2/20/2024

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	WC230830B	4.00	2/20/24 9:18
7.0 Buffer	WC230616F	7.00	2/20/24 9:20
10.0 Buffer	WC231027D	10.00	2/20/24 9:21
LCS/CCV (7.0 Buffer)	WC231207A		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	95009	1412	2/20/24 9:24

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	0.8	2/20/24 9:26
124 NTU	95834		

ORP Standard	LIMS ID/Lot#	Reading	Date/Time

D.O. Saturation	LIMS ID/Lot#	Reading	Date/Time
100%	N/A		

Sample ID	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	ORP mV	D.O. %	Comments
LCS	2/20/24 9:29	6.2	7.08	1,408	0.8			
CCV (Midday)	2/20/24 12:51	12.7	7.01	1,396	0.53			
CCV	2/20/24 16:49	16.2	7.08	1,328	0.41			

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 45600
Description YSI Pro DSS
Calibrated 12/26/2023 5:10:39PM

Manufacturer YSI
Model Number Pro DSS
Serial Number/ Lot Number 19D104679
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	7.07	7.00	0.00%	Pass
4.00 / 4.00	PH	4.00	PH	3.83	4.00	0.00%	Pass
10.00 / 10.00	PH	10.00	PH	10.09	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 0.0

Nom In Val / In Val	In Type	Out Val	Out Type	Fnd As	Lft As	Dev%	Pass/Fail
0.0 / 0.0	NTU	0.0	NTU	-1.6	0.0	0.00%	Pass
124.0 / 124.0	NTU	124.0	NTU	120.0	124.0	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	1.441	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	252.1	240.0	0.00%	Pass

Group # 5
Group Name Dissolved Oxygen Span
Stated Accy Pct of Reading
Range Acc % 0.0000
Reading Acc % 3.0000
Plus/Minus 0.0

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 45600
Description YSI Pro DSS
Calibrated 12/26/2023 5:10:39PM

Group # 5
Group Name Dissolved 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	%	97.1	100.0	0.00%	Pass

Test Instruments Used During the Calibration **(As Of Cal Entry Date)**

Test Standard ID	Description	Manufacturer	Model Number	Serial Number / Lot Number	Last Cal Date/ Opened Date	Next Cal Date / Expiration Date
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

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 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 45720
Description YSI Pro DSS
Calibrated 12/26/2023 5:12:31PM

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
100.00 / 100.00	%	100.00	%	97.30	100.00	0.00%	Pass

Test Instruments Used During the Calibration **(As Of Cal Entry Date)**

Test Standard ID	Description	Manufacturer	Model Number	Serial Number / Lot Number	Last Cal Date/ Opened Date	Next Cal Date / Expiration Date
STL 126 NTU L#23E24002133	STL 126 NTU L#23E24002133	YSI	126 NTU	23E24002133		5/20/2024
STL 1413 COND L#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

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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/

April 09, 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: COF-24Q1 **WorkOrder:** 24020001

Dear Eric Bauer:

TEKLAB, INC received 16 samples for COF_257_105 on 2/22/2024 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: 24020001
Client Project: COF-24Q1
Report Date: 09-Apr-24

This reporting package includes the following:

Cover Letter	1
Report Contents	2
Definitions	3
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Accreditations	6
Laboratory Results	7
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Quality Control Results	24
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Chain of Custody	Appended

Definitions

Client: Ramboll **Work Order:** 24020001

Client Project: COF-24Q1 **Report Date:** 09-Apr-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)

Teklab, Inc.
Environmental Laboratory

Definitions

Client: Ramboll **Work Order:** 24020001

Client Project: COF-24Q1 **Report Date:** 09-Apr-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: 24020001
Client Project: COF-24Q1
Report Date: 09-Apr-24

Cooler Receipt Temp: 9.1 °C

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

Per Eric Bauer's request, only COF_257_105 data is included in this report. EAH 4/9/24

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:** 24020001

Client Project: COF-24Q1 **Report Date:** 09-Apr-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	4/30/2024	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		3/14/2025	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:** 24020001

Client Project: COF-24Q1 **Report Date:** 09-Apr-24

Lab ID: 24020001-005 **Client Sample ID:** G102

Matrix: GROUNDWATER **Collection Date:** 02/14/2024 11:13

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**8.81**	ft	1	02/14/2024 11:13	R343520
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**8.7**	NTU	1	02/14/2024 11:13	R343520
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		**149**	mV	1	02/14/2024 11:13	R343520
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**980**	µS/cm	1	02/14/2024 11:13	R343520
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**12.7**	°C	1	02/14/2024 11:13	R343520
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**2.40**	mg/L	1	02/14/2024 11:13	R343520
SW-846 9040B FIELD									
pH	*	0	1.00		**7.17**		1	02/14/2024 11:13	R343520
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**284**	mg/L	1	02/16/2024 10:31	R343193
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	02/16/2024 10:31	R343193
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		**588**	mg/L	1	02/15/2024 12:38	R343190
SW-846 9036 (TOTAL)									
Sulfate	NELAP	61	100		**154**	mg/L	10	02/15/2024 12:45	R343142
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**0.27**	mg/L	1	02/15/2024 14:49	R343151
SW-846 9251 (TOTAL)									
Chloride	NELAP	1	4		**42**	mg/L	1	02/15/2024 12:40	R343144
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.035	0.100	S	**82.9**	mg/L	1	02/16/2024 10:59	218807
Magnesium	NELAP	0.010	0.050	S	**36.0**	mg/L	1	02/16/2024 10:59	218807
Potassium	NELAP	0.040	0.100		**0.544**	mg/L	1	02/16/2024 10:59	218807
Sodium	NELAP	0.018	0.050	S	**61.8**	mg/L	1	02/16/2024 10:59	218807
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	20	J	**10**	µg/L	5	02/19/2024 16:28	218807
LCS recovered outside upper control limits. Sample results are below the reporting limit. Data is reportable per the TNI Standard.									

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24020001

Client Project: COF-24Q1 **Report Date:** 09-Apr-24

Lab ID: 24020001-008 **Client Sample ID:** G106

Matrix: GROUNDWATER **Collection Date:** 02/14/2024 12:58

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**10.02**	ft	1	02/14/2024 12:58	R343520
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**5.8**	NTU	1	02/14/2024 12:58	R343520
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		**150**	mV	1	02/14/2024 12:58	R343520
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**1020**	µS/cm	1	02/14/2024 12:58	R343520
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**13.3**	°C	1	02/14/2024 12:58	R343520
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**4.78**	mg/L	1	02/14/2024 12:58	R343520
SW-846 9040B FIELD									
pH	*	0	1.00		**7.08**		1	02/14/2024 12:58	R343520
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**347**	mg/L	1	02/16/2024 10:37	R343193
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	02/16/2024 10:37	R343193
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		**604**	mg/L	1	02/15/2024 12:39	R343190
SW-846 9036 (TOTAL)									
Sulfate	NELAP	31	50		**145**	mg/L	5	02/15/2024 13:35	R343142
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**0.41**	mg/L	1	02/15/2024 14:54	R343151
SW-846 9251 (TOTAL)									
Chloride	NELAP	2	20		**63**	mg/L	5	02/15/2024 13:36	R343144
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.035	0.100		**97.9**	mg/L	1	02/16/2024 11:01	218807
Magnesium	NELAP	0.010	0.050		**42.9**	mg/L	1	02/16/2024 11:01	218807
Potassium	NELAP	0.040	0.100		**0.535**	mg/L	1	02/16/2024 11:01	218807
Sodium	NELAP	0.018	0.050		**61.3**	mg/L	1	02/16/2024 11:01	218807
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Boron	NELAP	9.2	20.0		**33.8**	µg/L	5	02/19/2024 17:09	218807

Contamination present in the MBLK. Sample results below the reporting limit are reportable per the TNI Standard.

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24020001

Client Project: COF-24Q1 **Report Date:** 09-Apr-24

Lab ID: 24020001-012 **Client Sample ID:** G110

Matrix: GROUNDWATER **Collection Date:** 02/14/2024 14:21

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**12.76**	ft	1	02/14/2024 14:21	R343520
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**6.8**	NTU	1	02/14/2024 14:21	R343520
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		**154**	mV	1	02/14/2024 14:21	R343520
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**941**	µS/cm	1	02/14/2024 14:21	R343520
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**14.2**	°C	1	02/14/2024 14:21	R343520
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**2.70**	mg/L	1	02/14/2024 14:21	R343520
SW-846 9040B FIELD									
pH	*	0	1.00		**6.92**		1	02/14/2024 14:21	R343520
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**347**	mg/L	1	02/16/2024 10:43	R343193
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	02/16/2024 10:43	R343193
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		**552**	mg/L	1	02/15/2024 12:40	R343190
SW-846 9036 (TOTAL)									
Sulfate	NELAP	31	50		**106**	mg/L	5	02/15/2024 13:38	R343142
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**0.36**	mg/L	1	02/15/2024 15:08	R343151
SW-846 9251 (TOTAL)									
Chloride	NELAP	2	20		**61**	mg/L	5	02/15/2024 13:38	R343144
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.035	0.100		**96.6**	mg/L	1	02/16/2024 15:14	218807
Magnesium	NELAP	0.006	0.050		**42.0**	mg/L	1	02/16/2024 15:14	218807
Potassium	NELAP	0.040	0.100		**0.353**	mg/L	1	02/16/2024 15:14	218807
Sodium	NELAP	0.018	0.050		**46.2**	mg/L	1	02/16/2024 15:14	218807
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Boron	NELAP	9.2	20.0		**< 20.0**	µg/L	5	02/19/2024 17:14	218807

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24020001

Client Project: COF-24Q1 **Report Date:** 09-Apr-24

Lab ID: 24020001-015 **Client Sample ID:** G120

Matrix: GROUNDWATER **Collection Date:** 02/15/2024 10:04

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**15.84**	ft	1	02/15/2024 10:04	R343520
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**4.1**	NTU	1	02/15/2024 10:04	R343520
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		**160**	mV	1	02/15/2024 10:04	R343520
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**925**	µS/cm	1	02/15/2024 10:04	R343520
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**13.6**	°C	1	02/15/2024 10:04	R343520
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**6.57**	mg/L	1	02/15/2024 10:04	R343520
SW-846 9040B FIELD									
pH	*	0	1.00		**7.09**		1	02/15/2024 10:04	R343520
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**294**	mg/L	1	02/16/2024 14:14	R343193
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	02/16/2024 14:14	R343193
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		**486**	mg/L	1	02/17/2024 10:38	R343246
SW-846 9036 (TOTAL)									
Sulfate	NELAP	6	10		**37**	mg/L	1	02/19/2024 16:46	R343255
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**0.33**	mg/L	1	02/16/2024 14:02	R343192
SW-846 9251 (TOTAL)									
Chloride	NELAP	5	40		**106**	mg/L	10	02/20/2024 12:05	R343325
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.035	0.100	S	**99.3**	mg/L	1	02/19/2024 15:55	218847
Magnesium	NELAP	0.006	0.050		**43.5**	mg/L	1	02/19/2024 15:55	218847
Potassium	NELAP	0.040	0.100		**0.638**	mg/L	1	02/19/2024 15:55	218847
Sodium	NELAP	0.022	0.050	S	**41.2**	mg/L	1	02/19/2024 15:55	218847
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	20.0		**20.2**	µg/L	5	03/04/2024 12:40	219115

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24020001

Client Project: COF-24Q1 **Report Date:** 09-Apr-24

Lab ID: 24020001-020 **Client Sample ID:** G125

Matrix: GROUNDWATER **Collection Date:** 02/15/2024 12:19

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**17.39**	ft	1	02/15/2024 12:19	R343520
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**2.3**	NTU	1	02/15/2024 12:19	R343520
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		**151**	mV	1	02/15/2024 12:19	R343520
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**942**	µS/cm	1	02/15/2024 12:19	R343520
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**14.0**	°C	1	02/15/2024 12:19	R343520
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**6.43**	mg/L	1	02/15/2024 12:19	R343520
SW-846 9040B FIELD									
pH	*	0	1.00		**7.31**		1	02/15/2024 12:19	R343520
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**292**	mg/L	1	02/16/2024 14:21	R343193
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	02/16/2024 14:21	R343193
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		**504**	mg/L	1	02/17/2024 11:02	R343246
SW-846 9036 (TOTAL)									
Sulfate	NELAP	31	50		**83**	mg/L	5	02/19/2024 16:53	R343255
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**0.39**	mg/L	1	02/16/2024 14:05	R343192
SW-846 9251 (TOTAL)									
Chloride	NELAP	2	20		**90**	mg/L	5	02/19/2024 16:54	R343256
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.035	0.100		**82.4**	mg/L	1	02/19/2024 15:57	218847
Magnesium	NELAP	0.006	0.050		**36.6**	mg/L	1	02/19/2024 15:57	218847
Potassium	NELAP	0.040	0.100		**0.483**	mg/L	1	02/19/2024 15:57	218847
Sodium	NELAP	0.022	0.050		**80.2**	mg/L	1	02/19/2024 15:57	218847
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Boron	NELAP	9.2	20.0		**21.5**	µg/L	5	03/04/2024 12:23	219115

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24020001

Client Project: COF-24Q1 **Report Date:** 09-Apr-24

Lab ID: 24020001-027 **Client Sample ID:** G200

Matrix: GROUNDWATER **Collection Date:** 02/21/2024 9:03

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**5.62**	ft	1	02/21/2024 9:03	R343520
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**11**	NTU	1	02/21/2024 9:03	R343520
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		**171**	mV	1	02/21/2024 9:03	R343520
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**862**	µS/cm	1	02/21/2024 9:03	R343520
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**11.8**	°C	1	02/21/2024 9:03	R343520
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**2.45**	mg/L	1	02/21/2024 9:03	R343520
SW-846 9040B FIELD									
pH	*	0	1.00		**6.69**		1	02/21/2024 9:03	R343520
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**287**	mg/L	1	02/22/2024 17:30	R343460
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	02/22/2024 17:30	R343460
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		**496**	mg/L	1	02/26/2024 12:18	R343638
SW-846 9036 (TOTAL)									
Sulfate	NELAP	31	50		**109**	mg/L	5	02/22/2024 16:32	R343452
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**0.32**	mg/L	1	02/23/2024 11:30	R343485
SW-846 9251 (TOTAL)									
Chloride	NELAP	1	4		**46**	mg/L	1	02/22/2024 16:27	R343454
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.035	0.100		**83.8**	mg/L	1	02/22/2024 18:01	219022
Magnesium	NELAP	0.006	0.050		**38.7**	mg/L	1	02/22/2024 18:01	219022
Potassium	NELAP	0.040	0.100		**0.718**	mg/L	1	02/22/2024 18:01	219022
Sodium	NELAP	0.018	0.050		**54.3**	mg/L	1	02/22/2024 18:01	219022
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Boron	NELAP	9.2	20.0		**93.2**	µg/L	5	02/27/2024 19:36	219022

Contamination present in the MBLK for Sb. Sample results below the reporting limit are reportable per the TNI Standard.

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24020001

Client Project: COF-24Q1 **Report Date:** 09-Apr-24

Lab ID: 24020001-082 **Client Sample ID:** L201

Matrix: LEACHATE **Collection Date:** 02/22/2024 9:56

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**2.10**	ft	1	02/22/2024 9:56	R343520
From control panel.									
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**4.6**	NTU	1	02/22/2024 9:56	R343520
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		**-39**	mV	1	02/22/2024 9:56	R343520
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**6500**	µS/cm	1	02/22/2024 9:56	R343520
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**16.0**	°C	1	02/22/2024 9:56	R343520
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**7.07**	mg/L	1	02/22/2024 9:56	R343520
SW-846 9040B FIELD									
pH	*	0	1.00		**11.5**		1	02/22/2024 9:56	R343520
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	02/23/2024 11:02	R343508
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**111**	mg/L	1	02/23/2024 11:02	R343508
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	80	100		**10800**	mg/L	5	02/27/2024 12:20	R343666
SW-846 9036 (TOTAL)									
Sulfate	NELAP	3070	5000		**6690**	mg/L	500	02/28/2024 13:26	R343726
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**1.15**	mg/L	1	02/23/2024 12:17	R343485
SW-846 9251 (TOTAL)									
Chloride	NELAP	5	40		**329**	mg/L	10	02/23/2024 12:04	R343643
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.070	0.200		**61.7**	mg/L	2	02/29/2024 9:22	219145
Magnesium	NELAP	0.006	0.050	J	**0.026**	mg/L	1	02/28/2024 11:14	219145
Potassium	NELAP	2.00	5.00		**265**	mg/L	50	02/29/2024 9:17	219145
Sodium	NELAP	0.180	0.500		**3350**	mg/L	10	02/29/2024 9:19	219145
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Boron	NELAP	16.0	20.0		**8420**	µg/L	5	03/01/2024 16:41	219145

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24020001

Client Project: COF-24Q1 **Report Date:** 09-Apr-24

Lab ID: 24020001-083 **Client Sample ID:** L202

Matrix: LEACHATE **Collection Date:** 02/22/2024 9:50

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**2.21**	ft	1	02/22/2024 9:50	R343520
From control panel.									
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**8.6**	NTU	1	02/22/2024 9:50	R343520
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		**-34**	mV	1	02/22/2024 9:50	R343520
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**15600**	µS/cm	1	02/22/2024 9:50	R343520
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**18.2**	°C	1	02/22/2024 9:50	R343520
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**6.09**	mg/L	1	02/22/2024 9:50	R343520
SW-846 9040B FIELD									
pH	*	0	1.00		**11.5**		1	02/22/2024 9:50	R343520
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	02/26/2024 10:14	R343541
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**280**	mg/L	1	02/26/2024 10:14	R343541
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	80	100		**13000**	mg/L	5	02/27/2024 12:21	R343666
SW-846 9036 (TOTAL)									
Sulfate	NELAP	1230	2000		**7820**	mg/L	200	02/23/2024 12:17	R343641
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**0.46**	mg/L	1	02/23/2024 12:29	R343485
SW-846 9251 (TOTAL)									
Chloride	NELAP	25	200		**581**	mg/L	50	02/23/2024 12:13	R343643
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.175	0.500		**25.7**	mg/L	5	02/29/2024 11:49	219145
Magnesium	NELAP	0.006	0.050		**< 0.050**	mg/L	1	02/28/2024 11:16	219145
Potassium	NELAP	4.00	10.0	S	**265**	mg/L	100	02/29/2024 9:32	219145
Sodium	NELAP	1.80	5.00	S	**3850**	mg/L	100	02/29/2024 9:32	219145
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	20.0	S	**16000**	µg/L	5	03/01/2024 15:26	219145
Matrix spike did not recover within control limits due to matrix interference. Verified by bench spike.									

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24020001

Client Project: COF-24Q1 **Report Date:** 09-Apr-24

Lab ID: 24020001-084 **Client Sample ID:** L203

Matrix: LEACHATE **Collection Date:** 02/22/2024 10:04

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**2.06**	ft	1	02/22/2024 10:04	R343520
From control panel.									
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**4.2**	NTU	1	02/22/2024 10:04	R343520
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		**-46**	mV	1	02/22/2024 10:04	R343520
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**7300**	µS/cm	1	02/22/2024 10:04	R343520
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**18.6**	°C	1	02/22/2024 10:04	R343520
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**4.39**	mg/L	1	02/22/2024 10:04	R343520
SW-846 9040B FIELD									
pH	*	0	1.00		**11.8**		1	02/22/2024 10:04	R343520
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	02/23/2024 11:18	R343508
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**202**	mg/L	1	02/23/2024 11:18	R343508
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	80	100		**12100**	mg/L	5	02/27/2024 12:21	R343666
SW-846 9036 (TOTAL)									
Sulfate	NELAP	3070	5000		**7420**	mg/L	500	02/28/2024 13:28	R343726
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**0.46**	mg/L	1	02/23/2024 12:28	R343485
SW-846 9251 (TOTAL)									
Chloride	NELAP	5	40		**198**	mg/L	10	02/23/2024 12:21	R343643
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.070	0.200		**51.4**	mg/L	2	02/29/2024 11:59	219145
Magnesium	NELAP	0.006	0.050		**0.074**	mg/L	1	02/28/2024 11:21	219145
Potassium	NELAP	4.00	10.0		**222**	mg/L	100	02/29/2024 11:56	219145
Sodium	NELAP	1.80	5.00		**3690**	mg/L	100	02/29/2024 11:56	219145
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Boron	NELAP	16.0	20.0		**15000**	µg/L	5	03/01/2024 16:47	219145

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24020001

Client Project: COF-24Q1 **Report Date:** 09-Apr-24

Lab ID: 24020001-087 **Client Sample ID:** R201

Matrix: GROUNDWATER **Collection Date:** 02/20/2024 14:05

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**4.06**	ft	1	02/20/2024 14:05	R343520
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**14**	NTU	1	02/20/2024 14:05	R343520
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		**147**	mV	1	02/20/2024 14:05	R343520
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**971**	µS/cm	1	02/20/2024 14:05	R343520
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**13.9**	°C	1	02/20/2024 14:05	R343520
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**1.57**	mg/L	1	02/20/2024 14:05	R343520
SW-846 9040B FIELD									
pH	*	0	1.00		**7.00**		1	02/20/2024 14:05	R343520
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**353**	mg/L	1	02/22/2024 14:24	R343460
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	02/22/2024 14:24	R343460
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	40	50		**555**	mg/L	2.5	02/22/2024 8:46	R343489
SW-846 9036 (TOTAL)									
Sulfate	NELAP	61	100		**185**	mg/L	10	02/21/2024 16:38	R343392
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**0.49**	mg/L	1	03/08/2024 13:23	R344130
SW-846 9251 (TOTAL)									
Chloride	NELAP	1	8		**45**	mg/L	2	02/21/2024 16:32	R343402
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.035	0.100		**94.6**	mg/L	1	02/22/2024 18:48	219022
Magnesium	NELAP	0.006	0.050		**47.4**	mg/L	1	02/22/2024 18:48	219022
Potassium	NELAP	0.040	0.100		**1.93**	mg/L	1	02/22/2024 18:48	219022
Sodium	NELAP	0.018	0.050		**82.2**	mg/L	1	02/22/2024 18:48	219022
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Boron	NELAP	9.2	20.0		**269**	µg/L	5	03/01/2024 16:35	219022

Contamination present in the MBLK for Sb. Sample results below the reporting limit are reportable per the TNI Standard.

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24020001

Client Project: COF-24Q1 **Report Date:** 09-Apr-24

Lab ID: 24020001-091 **Client Sample ID:** T127

Matrix: GROUNDWATER **Collection Date:** 02/20/2024 12:58

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**14.63**	ft	1	02/20/2024 12:58	R343520
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**50**	NTU	1	02/20/2024 12:58	R343520
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		**149**	mV	1	02/20/2024 12:58	R343520
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**835**	µS/cm	1	02/20/2024 12:58	R343520
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**14.3**	°C	1	02/20/2024 12:58	R343520
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**2.81**	mg/L	1	02/20/2024 12:58	R343520
SW-846 9040B FIELD									
pH	*	0	1.00		**7.07**		1	02/20/2024 12:58	R343520
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**294**	mg/L	1	02/22/2024 14:29	R343460
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	02/22/2024 14:29	R343460
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	40	50		**380**	mg/L	2.5	02/22/2024 8:46	R343489
SW-846 9036 (TOTAL)									
Sulfate	NELAP	31	50		**92**	mg/L	5	02/21/2024 16:40	R343392
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**2.10**	mg/L	1	02/23/2024 12:33	R343485
SW-846 9251 (TOTAL)									
Chloride	NELAP	2	20		**48**	mg/L	5	02/21/2024 16:40	R343402
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.035	0.100		**78.6**	mg/L	1	02/23/2024 18:09	219088
Magnesium	NELAP	0.006	0.050		**33.4**	mg/L	1	02/23/2024 18:09	219088
Potassium	NELAP	0.040	0.100		**0.736**	mg/L	1	02/23/2024 18:09	219088
Sodium	NELAP	0.018	0.050		**62.5**	mg/L	1	02/23/2024 18:09	219088
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Boron	NELAP	9.2	20	J	**17**	µg/L	5	02/23/2024 22:28	219088

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24020001

Client Project: COF-24Q1 **Report Date:** 09-Apr-24

Lab ID: 24020001-097 **Client Sample ID:** Field Blank

Matrix: AQUEOUS **Collection Date:** 02/21/2024 15:03

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	02/22/2024 15:49	R343460
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	02/22/2024 15:49	R343460
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20	J	**18**	mg/L	1	02/26/2024 12:37	R343638
SW-846 9036 (TOTAL)									
Sulfate	NELAP	6	10		**< 10**	mg/L	1	02/22/2024 18:40	R343452
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**< 0.10**	mg/L	1	02/23/2024 12:34	R343485
SW-846 9251 (TOTAL)									
Chloride	NELAP	1	4		**< 4**	mg/L	1	02/22/2024 18:40	R343454
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.035	0.100		**< 0.100**	mg/L	1	02/23/2024 18:51	219043
Magnesium	NELAP	0.006	0.050	J	**0.015**	mg/L	1	02/23/2024 18:51	219043
Potassium	NELAP	0.040	0.100		**< 0.100**	mg/L	1	02/23/2024 18:51	219043
Sodium	NELAP	0.018	0.050	J	**0.029**	mg/L	1	02/23/2024 18:51	219043
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Boron	NELAP	9.2	20	J	**15**	µg/L	5	02/23/2024 23:48	219043

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

Contamination present in the MBLK. Sample results below the reporting limit are reportable per the TNI Standard.

Contamination present in the MBLK for Fe. Sample results below the reporting limit are reportable per the TNI Standard.

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24020001

Client Project: COF-24Q1 **Report Date:** 09-Apr-24

Lab ID: 24020001-098 **Client Sample ID:** G102 Duplicate

Matrix: GROUNDWATER **Collection Date:** 02/14/2024 11:13

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**8.81**	ft	1	02/14/2024 11:13	R343520
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**8.7**	NTU	1	02/14/2024 11:13	R343520
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		**149**	mV	1	02/14/2024 11:13	R343520
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**980**	µS/cm	1	02/14/2024 11:13	R343520
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**12.7**	°C	1	02/14/2024 11:13	R343520
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**2.40**	mg/L	1	02/14/2024 11:13	R343520
SW-846 9040B FIELD									
pH	*	0	1.00		**7.17**		1	02/14/2024 11:13	R343520
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**256**	mg/L	1	02/16/2024 11:33	R343193
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	02/16/2024 11:33	R343193
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		**548**	mg/L	1	02/15/2024 14:12	R343190
SW-846 9036 (TOTAL)									
Sulfate	NELAP	61	100		**133**	mg/L	10	02/15/2024 15:14	R343142
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**0.28**	mg/L	1	02/15/2024 15:38	R343151
SW-846 9251 (TOTAL)									
Chloride	NELAP	1	4		**34**	mg/L	1	02/15/2024 15:09	R343144
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.035	0.100		**84.8**	mg/L	1	02/19/2024 16:06	218847
Magnesium	NELAP	0.006	0.050		**35.3**	mg/L	1	02/19/2024 16:06	218847
Potassium	NELAP	0.040	0.100		**0.517**	mg/L	1	02/19/2024 16:06	218847
Sodium	NELAP	0.022	0.050		**61.0**	mg/L	1	02/19/2024 16:06	218847
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Boron	NELAP	9.2	20	J	**13**	µg/L	5	03/04/2024 14:01	219115

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24020001

Client Project: COF-24Q1 **Report Date:** 09-Apr-24

Lab ID: 24020001-099 **Client Sample ID:** G200 Duplicate

Matrix: GROUNDWATER **Collection Date:** 02/21/2024 9:03

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**5.62**	ft	1	02/21/2024 9:03	R343520
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**11**	NTU	1	02/21/2024 9:03	R343520
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		**171**	mV	1	02/21/2024 9:03	R343520
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**862**	µS/cm	1	02/21/2024 9:03	R343520
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**11.8**	°C	1	02/21/2024 9:03	R343520
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**2.45**	mg/L	1	02/21/2024 9:03	R343520
SW-846 9040B FIELD									
pH	*	0	1.00		**6.69**		1	02/21/2024 9:03	R343520
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**291**	mg/L	1	02/22/2024 15:56	R343460
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	02/22/2024 15:56	R343460
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		**534**	mg/L	1	02/26/2024 12:37	R343638
SW-846 9036 (TOTAL)									
Sulfate	NELAP	31	50		**103**	mg/L	5	02/22/2024 18:48	R343452
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**0.29**	mg/L	1	02/23/2024 12:37	R343485
SW-846 9251 (TOTAL)									
Chloride	NELAP	1	4		**46**	mg/L	1	02/22/2024 18:43	R343454
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.035	0.100	S	**86.9**	mg/L	1	02/23/2024 18:56	219043
Magnesium	NELAP	0.006	0.050	S	**38.8**	mg/L	1	02/23/2024 18:56	219043
Potassium	NELAP	0.040	0.100		**0.724**	mg/L	1	02/23/2024 18:56	219043
Sodium	NELAP	0.018	0.050	S	**56.2**	mg/L	1	02/23/2024 18:56	219043
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	20.0		**< 20.0**	µg/L	5	02/24/2024 0:11	219043
Sample result for Fe exceeds 10 times the method blank contamination. Data is reportable per the TNI Standard.									

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24020001

Client Project: COF-24Q1 **Report Date:** 09-Apr-24

Lab ID: 24020001-102 **Client Sample ID:** R201 Duplicate

Matrix: GROUNDWATER **Collection Date:** 02/20/2024 14:05

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**4.06**	ft	1	02/20/2024 14:05	R343520
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**14**	NTU	1	02/20/2024 14:05	R343520
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		**147**	mV	1	02/20/2024 14:05	R343520
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**971**	µS/cm	1	02/20/2024 14:05	R343520
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**13.9**	°C	1	02/20/2024 14:05	R343520
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**1.57**	mg/L	1	02/20/2024 14:05	R343520
SW-846 9040B FIELD									
pH	*	0	1.00		**7.00**		1	02/20/2024 14:05	R343520
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**351**	mg/L	1	02/22/2024 14:37	R343460
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	02/22/2024 14:37	R343460
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	40	50		**555**	mg/L	2.5	02/22/2024 8:57	R343489
SW-846 9036 (TOTAL)									
Sulfate	NELAP	61	100		**177**	mg/L	10	02/21/2024 16:56	R343392
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**0.41**	mg/L	1	02/23/2024 12:39	R343485
SW-846 9251 (TOTAL)									
Chloride	NELAP	1	8		**43**	mg/L	2	02/21/2024 16:51	R343402
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.035	0.100		**97.7**	mg/L	1	02/23/2024 18:24	219088
Magnesium	NELAP	0.006	0.050		**47.7**	mg/L	1	02/23/2024 18:24	219088
Potassium	NELAP	0.040	0.100		**2.15**	mg/L	1	02/23/2024 18:24	219088
Sodium	NELAP	0.018	0.050		**87.8**	mg/L	1	02/23/2024 18:24	219088
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Boron	NELAP	9.2	20.0		**277**	µg/L	5	02/23/2024 23:20	219088

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24020001

Client Project: COF-24Q1 **Report Date:** 09-Apr-24

Lab ID: 24020001-103 **Client Sample ID:** Equipment Blank 1

Matrix: AQUEOUS **Collection Date:** 02/21/2024 14:58

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	02/23/2024 11:26	R343508
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	02/23/2024 11:26	R343508
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		**22**	mg/L	1	02/23/2024 12:35	R343558
SW-846 9036 (TOTAL)									
Sulfate	NELAP	6	10		**< 10**	mg/L	1	02/23/2024 12:42	R343641
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**< 0.10**	mg/L	1	02/23/2024 13:47	R343485
SW-846 9251 (TOTAL)									
Chloride	NELAP	1	4		**< 4**	mg/L	1	02/23/2024 12:42	R343643
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.035	0.100		**0.148**	mg/L	1	02/27/2024 12:25	219088
Magnesium	NELAP	0.006	0.050	J	**0.036**	mg/L	1	02/27/2024 12:25	219088
Potassium	NELAP	0.040	0.100		**< 0.100**	mg/L	1	02/27/2024 12:25	219088
Sodium	NELAP	0.018	0.050	J	**0.038**	mg/L	1	02/27/2024 12:25	219088
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Boron	NELAP	9.2	20.0		**126**	µg/L	5	02/23/2024 22:39	219088

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

Contamination present in the MBLK. Sample results below the reporting limit are reportable per the TNI Standard.

Teklab, Inc.
Environmental Laboratory

Sample Summary

Client: Ramboll
Client Project: COF-24Q1

Work Order: 24020001
Report Date: 09-Apr-24

Lab Sample ID	Client Sample ID	Matrix	Fractions	Collection Date
24020001-005	G102	Groundwater	7	02/14/2024 11:13
24020001-008	G106	Groundwater	7	02/14/2024 12:58
24020001-012	G110	Groundwater	6	02/14/2024 14:21
24020001-015	G120	Groundwater	6	02/15/2024 10:04
24020001-020	G125	Groundwater	6	02/15/2024 12:19
24020001-027	G200	Groundwater	6	02/21/2024 9:03
24020001-082	L201	Leachate	2	02/22/2024 9:56
24020001-083	L202	Leachate	2	02/22/2024 9:50
24020001-084	L203	Leachate	2	02/22/2024 10:04
24020001-087	R201	Groundwater	6	02/20/2024 14:05
24020001-091	T127	Groundwater	6	02/20/2024 12:58
24020001-097	Field Blank	Aqueous	8	02/21/2024 15:03
24020001-098	G102 Duplicate	Groundwater	7	02/14/2024 11:13
24020001-099	G200 Duplicate	Groundwater	6	02/21/2024 9:03
24020001-102	R201 Duplicate	Groundwater	6	02/20/2024 14:05
24020001-103	Equipment Blank 1	Aqueous	11	02/21/2024 14:58

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24020001

Client Project: COF-24Q1 **Report Date:** 09-Apr-24

STANDARD METHODS 2510 B FIELD

Batch R343520 **SampType:** LCS Units **µS/cm**
SampID: LCS-R343520-1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Spec. Conductance, Field	*	0		**1420**	1412	0	100.2	90	110	02/13/2024

Batch R343520 **SampType:** LCS Units **µS/cm**
SampID: LCS-R343520-10

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Spec. Conductance, Field	*	0		**1410**	1412	0	99.9	90	110	02/14/2024

Batch R343520 **SampType:** LCS Units **µS/cm**
SampID: LCS-R343520-11

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Spec. Conductance, Field	*	0		**1410**	1412	0	100.1	90	110	02/15/2024

Batch R343520 **SampType:** LCS Units **µS/cm**
SampID: LCS-R343520-12

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Spec. Conductance, Field	*	0		**1410**	1412	0	99.9	90	110	02/16/2024

Batch R343520 **SampType:** LCS Units **µS/cm**
SampID: LCS-R343520-13

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Spec. Conductance, Field	*	0		**1410**	1412	0	99.9	90	110	02/19/2024

Batch R343520 **SampType:** LCS Units **µS/cm**
SampID: LCS-R343520-14

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Spec. Conductance, Field	*	0		**1410**	1412	0	99.7	90	110	02/20/2024

Batch R343520 **SampType:** LCS Units **µS/cm**
SampID: LCS-R343520-2

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Spec. Conductance, Field	*	0		**1410**	1412	0	100.1	90	110	02/14/2024

Batch R343520 **SampType:** LCS Units **µS/cm**
SampID: LCS-R343520-3

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Spec. Conductance, Field	*	0		**1410**	1412	0	100.0	90	110	02/15/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll **Work Order:** 24020001

Client Project: COF-24Q1 **Report Date:** 09-Apr-24

STANDARD METHODS 2510 B FIELD

Batch R343520 **SampType:** LCS Units **µS/cm**
SampID: LCS-R343520-4

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Spec. Conductance, Field	*	0		**1420**	1412	0	100.2	90	110	02/16/2024

Batch R343520 **SampType:** LCS Units **µS/cm**
SampID: LCS-R343520-5

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	02/19/2024

Batch R343520 **SampType:** LCS Units **µS/cm**
SampID: LCS-R343520-6

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Spec. Conductance, Field	*	0		**1420**	1412	0	100.4	90	110	02/20/2024

Batch R343520 **SampType:** LCS Units **µS/cm**
SampID: LCS-R343520-7

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Spec. Conductance, Field	*	0		**1420**	1412	0	100.2	90	110	02/21/2024

Batch R343520 **SampType:** LCS Units **µS/cm**
SampID: LCS-R343520-8

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Spec. Conductance, Field	*	0		**1420**	1412	0	100.5	90	110	02/22/2024

Batch R343520 **SampType:** LCS Units **µS/cm**
SampID: LCS-R343520-9

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Spec. Conductance, Field	*	0		**1410**	1412	0	100.1	90	110	02/13/2024

SW-846 9040B FIELD

Batch R343520 **SampType:** LCS Units
SampID: LCS-R343520-1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
pH	*	1.00		**7.00**	7.000	0	100.0	98.57	101.4	02/13/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24020001

Client Project: COF-24Q1 **Report Date:** 09-Apr-24

SW-846 9040B FIELD

Batch R343520 **SampType:** LCS Units

SampID: LCS-R343520-10

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	02/14/2024

Batch R343520 **SampType:** LCS Units

SampID: LCS-R343520-11

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	02/15/2024

Batch R343520 **SampType:** LCS Units

SampID: LCS-R343520-12

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
pH	*	1.00		**7.09**	7.000	0	101.3	98.57	101.4	02/16/2024

Batch R343520 **SampType:** LCS Units

SampID: LCS-R343520-13

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
pH	*	1.00		**7.09**	7.000	0	101.3	98.57	101.4	02/19/2024

Batch R343520 **SampType:** LCS Units

SampID: LCS-R343520-14

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
pH	*	1.00		**7.08**	7.000	0	101.1	98.57	101.4	02/20/2024

Batch R343520 **SampType:** LCS Units

SampID: LCS-R343520-2

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
pH	*	1.00		**7.01**	7.000	0	100.1	98.57	101.4	02/14/2024

Batch R343520 **SampType:** LCS Units

SampID: LCS-R343520-3

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
pH	*	1.00		**7.01**	7.000	0	100.1	98.57	101.4	02/15/2024

Batch R343520 **SampType:** LCS Units

SampID: LCS-R343520-4

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	02/16/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24020001

Client Project: COF-24Q1 **Report Date:** 09-Apr-24

SW-846 9040B FIELD

Batch R343520 **SampType:** LCS Units

SampID: LCS-R343520-5

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	02/19/2024

Batch R343520 **SampType:** LCS Units

SampID: LCS-R343520-6

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	02/20/2024

Batch R343520 **SampType:** LCS Units

SampID: LCS-R343520-7

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	02/21/2024

Batch R343520 **SampType:** LCS Units

SampID: LCS-R343520-8

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
pH	*	1.00		**7.02**	7.000	0	100.3	98.57	101.4	02/22/2024

Batch R343520 **SampType:** LCS Units

SampID: LCS-R343520-9

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	02/13/2024

STANDARD METHODS 2540 C (TOTAL) 1997, 2011

Batch R343190 **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	02/15/2024
Total Dissolved Solids		20		**< 20**	16.00	0	0	-100	100	02/15/2024
Total Dissolved Solids		20		**< 20**	16.00	0	0	-100	100	02/15/2024

Batch R343190 **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	02/15/2024
Total Dissolved Solids		20		**916**	1000	0	91.6	90	110	02/15/2024
Total Dissolved Solids		20		**956**	1000	0	95.6	90	110	02/15/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll **Work Order:** 24020001

Client Project: COF-24Q1 **Report Date:** 09-Apr-24

STANDARD METHODS 2540 C (TOTAL) 1997, 2011

Batch R343190 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 24020001-098ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		20		**528**				548.0	3.72	02/15/2024

Batch R343190 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 24021083-004ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		50		**470**				495.0	5.18	02/15/2024

Batch R343201 **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	02/16/2024
Total Dissolved Solids		20		**< 20**	16.00	0	0	-100	100	02/16/2024

Batch R343201 **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	02/16/2024
Total Dissolved Solids		20		**914**	1000	0	91.4	90	110	02/16/2024

Batch R343201 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 24021085-001ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		50		**605**				590.0	2.51	02/16/2024

Batch R343201 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 24021141-003ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		50	H	**675**				735.0	8.51	02/16/2024

Batch R343246 **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	02/17/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll **Work Order:** 24020001

Client Project: COF-24Q1 **Report Date:** 09-Apr-24

STANDARD METHODS 2540 C (TOTAL) 1997, 2011

Batch R343246 **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		**946**	1000	0	94.6	90	110	02/17/2024

Batch R343246 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 24020001-026ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		20		**568**				546.0	3.95	02/17/2024

Batch R343312 **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	02/19/2024
Total Dissolved Solids		20		**< 20**	16.00	0	0	-100	100	02/19/2024
Total Dissolved Solids		20		**< 20**	16.00	0	0	-100	100	02/19/2024

Batch R343312 **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		**916**	1000	0	91.6	90	110	02/19/2024
Total Dissolved Solids		20		**902**	1000	0	90.2	90	110	02/19/2024
Total Dissolved Solids		20		**932**	1000	0	93.2	90	110	02/19/2024

Batch R343312 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 24021230-002ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		50		**380**				350.0	8.22	02/19/2024

Batch R343312 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 24021289-001ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		50		**2120**				2070	2.15	02/19/2024

Batch R343312 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 24021298-009BDUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		50		**605**				550.0	9.52	02/19/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll **Work Order:** 24020001

Client Project: COF-24Q1 **Report Date:** 09-Apr-24

STANDARD METHODS 2540 C (TOTAL) 1997, 2011

Batch R343377 **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	02/20/2024

Batch R343377 **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	02/20/2024

Batch R343377 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 24020001-025ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		20		**432**				428.0	0.93	02/20/2024

Batch R343433 **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	02/21/2024

Batch R343433 **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	02/21/2024

Batch R343433 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 24021289-003ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		50		**1970**				1995	1.26	02/21/2024

Batch R343489 **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	02/22/2024
Total Dissolved Solids		20		**< 20**	16.00	0	0	-100	100	02/22/2024
Total Dissolved Solids		20		**< 20**	16.00	0	0	-100	100	02/22/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll **Work Order:** 24020001

Client Project: COF-24Q1 **Report Date:** 09-Apr-24

STANDARD METHODS 2540 C (TOTAL) 1997, 2011

Batch R343489 **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		**928**	1000	0	92.8	90	110	02/22/2024
Total Dissolved Solids		20	S	**864**	1000	0	86.4	90	110	02/22/2024
Total Dissolved Solids		20		**902**	1000	0	90.2	90	110	02/22/2024

Batch R343489 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 24020001-102ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		50		**535**				555.0	3.67	02/22/2024

Batch R343489 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 24021616-001ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		20		**90**				82.00	9.30	02/22/2024

Batch R343558 **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	02/23/2024
Total Dissolved Solids		20		**< 20**	16.00	0	0	-100	100	02/23/2024
Total Dissolved Solids		20		**< 20**	16.00	0	0	-100	100	02/23/2024

Batch R343558 **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	02/23/2024
Total Dissolved Solids		20		**928**	1000	0	92.8	90	110	02/23/2024
Total Dissolved Solids		20		**960**	1000	0	96.0	90	110	02/23/2024

Batch R343558 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 24010117-007ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		50		**350**				380.0	8.22	02/23/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 24020001
Client Project: COF-24Q1
Report Date: 09-Apr-24

STANDARD METHODS 2540 C (TOTAL) 1997, 2011

Batch R343558 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 24021724-019ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		50		**950**				960.0	1.05	02/23/2024

Batch R343558 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 24021740-001ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		50	H	**1170**				1275	8.59	02/23/2024

Batch R343638 **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	02/26/2024
Total Dissolved Solids		20		**< 20**	16.00	0	0	-100	100	02/26/2024
Total Dissolved Solids		20	S	**32**	16.00	0	200.0	-100	100	02/26/2024

Batch R343638 **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	B	**930**	1000	0	93.0	90	110	02/26/2024
Total Dissolved Solids		20		**902**	1000	0	90.2	90	110	02/26/2024
Total Dissolved Solids		20		**910**	1000	0	91.0	90	110	02/26/2024

Batch R343638 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 24020001-001ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		50		**1740**				1700	2.33	02/26/2024

Batch R343638 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 24021724-006ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		20		**1090**				1102	0.91	02/26/2024

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

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 24020001
Client Project: COF-24Q1
Report Date: 09-Apr-24

STANDARD METHODS 2540 C (TOTAL) 1997, 2011

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

Batch R343743 **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	02/28/2024
Total Dissolved Solids		20		**< 20**	16.00	0	0	-100	100	02/28/2024

Batch R343743 **SampType:** LCS Units **mg/L**
SampID: LCS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Total Dissolved Solids		20		**902**	1000	0	90.2	90	110	02/28/2024
Total Dissolved Solids		20		**900**	1000	0	90.0	90	110	02/28/2024

Batch R343743 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 24020001-075ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		50		**400**				380.0	5.13	02/28/2024

Batch R343743 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 24010117-008ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		100		**350**				330.0	5.88	02/28/2024

Batch R343743 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 24021482-002ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		50		**1410**				1345	4.72	02/28/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 24020001
Client Project: COF-24Q1
Report Date: 09-Apr-24

STANDARD METHODS 2540 C (TOTAL) 1997, 2011

Batch R343743 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 24021484-001ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		50		**450**				420.0	6.90	02/28/2024

Batch R344178 **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	03/08/2024

Batch R344178 **SampType:** LCS Units **mg/L**
SampID: LCS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Total Dissolved Solids		20		**948**	1000	0	94.8	90	110	03/08/2024

Batch R344178 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 24020001-047ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		20	H	**1050**				1008	4.46	03/08/2024

Batch R344178 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 24030421-002ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		20		**490**				460.0	6.32	03/08/2024

Batch R344178 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 24030547-001ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		50		**3490**				3655	4.62	03/08/2024

STANDARD METHODS 4500-NH3 G (DISSOLVED) 1997, 2011

Batch R343163 **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	02/16/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24020001

Client Project: COF-24Q1 **Report Date:** 09-Apr-24

STANDARD METHODS 4500-NH3 G (DISSOLVED) 1997, 2011

Batch R343163 **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		**1.00**	1.000	0	100.0	90	110	02/16/2024

Batch R343163 **SampType:** MS Units **mg/L**
SampID: 24020001-008GMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Ammonia (as N)		0.10		**1.89**	2.000	0.05000	91.8	90	110	02/16/2024

Batch R343163 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24020001-008GMSD

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	0.05000	90.8	1.887	1.17	02/16/2024

Batch R343163 **SampType:** MS Units **mg/L**
SampID: 24020763-003IMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Ammonia (as N)		0.20	S	**5.61**	4.000	2.136	86.9	90	110	02/16/2024

Batch R343163 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24020763-003IMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Ammonia (as N)		0.20	S	**5.65**	4.000	2.136	87.8	5.613	0.64	02/16/2024

Batch R343163 **SampType:** MS Units **mg/L**
SampID: 24020894-001DMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Ammonia (as N)		0.20		**5.56**	4.000	1.781	94.6	90	110	02/16/2024

Batch R343163 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24020894-001DMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Ammonia (as N)		0.20		**5.48**	4.000	1.781	92.4	5.564	1.61	02/16/2024

Batch R343163 **SampType:** MS Units **mg/L**
SampID: 24021018-007BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Ammonia (as N)		0.10		**1.94**	2.000	0.03000	95.6	90	110	02/16/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll
Work Order: 24020001
Client Project: COF-24Q1
Report Date: 09-Apr-24

STANDARD METHODS 4500-NH3 G (DISSOLVED) 1997, 2011

Batch R343163 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24021018-007BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Ammonia (as N)		0.10		**1.90**	2.000	0.03000	93.5	1.941	2.13	02/16/2024

Batch R343163 **SampType:** MS Units **mg/L**
SampID: 24021046-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Ammonia (as N)		0.10		**1.89**	2.000	0	94.7	90	110	02/16/2024

Batch R343163 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24021046-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Ammonia (as N)		0.10		**1.93**	2.000	0	96.4	1.894	1.73	02/16/2024

Batch R343163 **SampType:** MS Units **mg/L**
SampID: 24021172-001JMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Ammonia (as N)		1.00	E	**52.8**	20.00	34.60	90.8	90	110	02/16/2024

Batch R343163 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24021172-001JMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Ammonia (as N)		1.00	E	**53.4**	20.00	34.60	94.2	52.75	1.28	02/16/2024

Batch R343258 **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	02/19/2024

Batch R343258 **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		**0.99**	1.000	0	99.4	90	110	02/19/2024

Batch R343258 **SampType:** MS Units **mg/L**
SampID: 24020001-016EMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Ammonia (as N)		0.10		**1.84**	2.000	0	92.0	90	110	02/19/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll
Work Order: 24020001
Client Project: COF-24Q1
Report Date: 09-Apr-24

STANDARD METHODS 4500-NH3 G (DISSOLVED) 1997, 2011

Batch R343258 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24020001-016EMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Ammonia (as N)		0.10		**1.85**	2.000	0	92.4	1.841	0.33	02/19/2024

Batch R343258 **SampType:** MS Units **mg/L**
SampID: 24020001-020FMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Ammonia (as N)		0.10		**1.85**	2.000	0.04400	90.2	90	110	02/19/2024

Batch R343258 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24020001-020FMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Ammonia (as N)		0.10	S	**1.76**	2.000	0.04400	85.7	1.847	4.94	02/19/2024

Batch R343258 **SampType:** MS Units **mg/L**
SampID: 24021086-001BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Ammonia (as N)		1.00		**28.5**	20.00	9.698	94.2	90	110	02/19/2024

Batch R343258 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24021086-001BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Ammonia (as N)		1.00		**28.4**	20.00	9.698	93.3	28.55	0.64	02/19/2024

Batch R343258 **SampType:** MS Units **mg/L**
SampID: 24021292-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Ammonia (as N)		0.10		**2.61**	2.000	0.7460	93.0	90	110	02/19/2024

Batch R343258 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24021292-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Ammonia (as N)		0.10		**2.62**	2.000	0.7460	93.6	2.606	0.46	02/19/2024

Batch R343258 **SampType:** MS Units **mg/L**
SampID: 24021354-002CMS

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	02/19/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll
Work Order: 24020001
Client Project: COF-24Q1
Report Date: 09-Apr-24

STANDARD METHODS 4500-NH3 G (DISSOLVED) 1997, 2011

Batch R343258 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24021354-002CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Ammonia (as N)		0.10		**1.93**	2.000	0	96.6	1.948	0.88	02/19/2024

Batch R343391 **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	02/21/2024

Batch R343391 **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	102.3	90	110	02/21/2024

Batch R343391 **SampType:** MS Units **mg/L**
SampID: 24021454-003AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Ammonia (as N)		0.10		**2.77**	2.000	0.8330	97.0	90	110	02/21/2024

Batch R343391 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24021454-003AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Ammonia (as N)		0.10		**2.73**	2.000	0.8330	94.9	2.772	1.49	02/21/2024

Batch R343391 **SampType:** MS Units **mg/L**
SampID: 24021468-002BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Ammonia (as N)		0.10		**2.24**	2.000	0.3640	94.0	90	110	02/21/2024

Batch R343391 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24021468-002BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Ammonia (as N)		0.10		**2.22**	2.000	0.3640	92.7	2.245	1.21	02/21/2024

Batch R343465 **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	02/23/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll
Work Order: 24020001
Client Project: COF-24Q1
Report Date: 09-Apr-24

STANDARD METHODS 4500-NH3 G (DISSOLVED) 1997, 2011

Batch R343465 **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		**0.98**	1.000	0	98.2	90	110	02/23/2024

Batch R343465 **SampType:** MS Units **mg/L**
SampID: 24020901-002EMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Ammonia (as N)		0.10	E	**6.09**	2.000	4.210	94.1	90	110	02/23/2024

Batch R343465 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24020901-002EMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Ammonia (as N)		0.10	E	**6.10**	2.000	4.210	94.6	6.092	0.16	02/23/2024

Batch R343465 **SampType:** MS Units **mg/L**
SampID: 24021442-002BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Ammonia (as N)		5.00		**121**	100.0	26.29	94.6	90	110	02/23/2024

Batch R343465 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24021442-002BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Ammonia (as N)		5.00		**120**	100.0	26.29	94.0	120.9	0.47	02/23/2024

Batch R343465 **SampType:** MS Units **mg/L**
SampID: 24021459-001BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Ammonia (as N)		2.00	S	**36.5**	40.00	9.752	67.0	90	110	02/23/2024

Batch R343465 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24021459-001BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Ammonia (as N)		2.00	S	**36.4**	40.00	9.752	66.7	36.55	0.33	02/23/2024

Batch R343465 **SampType:** MS Units **mg/L**
SampID: 24021516-007BMS

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	0.04100	93.9	90	110	02/23/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24020001

Client Project: COF-24Q1 **Report Date:** 09-Apr-24

STANDARD METHODS 4500-NH3 G (DISSOLVED) 1997, 2011

Batch R343465 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24021516-007BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Ammonia (as N)		0.10		**1.95**	2.000	0.04100	95.6	1.919	1.70	02/23/2024

Batch R343465 **SampType:** MS Units **mg/L**
SampID: 24021541-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Ammonia (as N)		0.10		**1.91**	2.000	0	95.4	90	110	02/23/2024

Batch R343465 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24021541-001AMSD

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	94.1	1.907	1.32	02/23/2024

Batch R343465 **SampType:** MS Units **mg/L**
SampID: 24021551-002BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Ammonia (as N)		0.10		**1.84**	2.000	0	92.2	90	110	02/23/2024

Batch R343465 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24021551-002BMSD

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	95.3	1.845	3.25	02/23/2024

Batch R343465 **SampType:** MS Units **mg/L**
SampID: 24021558-001EMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Ammonia (as N)		0.10		**2.66**	2.000	0.7930	93.2	90	110	02/23/2024

Batch R343465 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24021558-001EMSD

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	0.7930	95.0	2.657	1.35	02/23/2024

Batch R343465 **SampType:** MS Units **mg/L**
SampID: 24021615-004EMS

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	94.9	90	110	02/23/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll **Work Order:** 24020001

Client Project: COF-24Q1 **Report Date:** 09-Apr-24

STANDARD METHODS 4500-NH3 G (DISSOLVED) 1997, 2011

Batch R343465 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24021615-004EMSD

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	94.4	1.898	0.53	02/23/2024

Batch R343465 **SampType:** MS Units **mg/L**
SampID: 24021693-004DMS

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	94.9	90	110	02/23/2024

Batch R343465 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24021693-004DMSD

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	95.4	1.898	0.58	02/23/2024

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

Batch R343137 **SampType:** MS Units **mg/L**
SampID: 24020001-005BMS

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	0.005000	96.8	85	115	02/15/2024

Batch R343137 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24020001-005BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.49**	0.5000	0.005000	96.8	0.4890	0.00	02/15/2024

Batch R343137 **SampType:** MS Units **mg/L**
SampID: 24020001-006BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.47**	0.5000	0	93.8	85	115	02/15/2024

Batch R343137 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24020001-006BMSD

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	93.8	0.4690	0.00	02/15/2024

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Client: Ramboll
Work Order: 24020001
Client Project: COF-24Q1
Report Date: 09-Apr-24

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

Batch R343198 **SampType:** MS Units **mg/L**
SampID: 24020001-004BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.48**	0.5000	0	95.4	85	115	02/16/2024

Batch R343198 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24020001-004BMSD

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	94.8	0.4770	0.63	02/16/2024

Batch R343198 **SampType:** MS Units **mg/L**
SampID: 24020001-013BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.48**	0.5000	0	95.6	85	115	02/16/2024

Batch R343198 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24020001-013BMSD

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	96.2	0.4780	0.63	02/16/2024

Batch R343316 **SampType:** MS Units **mg/L**
SampID: 24020001-025BMS

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	102.4	85	115	02/20/2024

Batch R343316 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24020001-025BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.52**	0.5000	0	104.2	0.5120	1.74	02/20/2024

Batch R343380 **SampType:** MS Units **mg/L**
SampID: 24021571-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.52**	0.5000	0	103.2	85	115	02/21/2024

Batch R343380 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24021571-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.50**	0.5000	0	100.8	0.5160	2.35	02/21/2024

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Client: Ramboll **Work Order:** 24020001

Client Project: COF-24Q1 **Report Date:** 09-Apr-24

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

Batch R343446 **SampType:** MS Units **mg/L**
SampID: 24020901-002BMS

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	99.6	85	115	02/22/2024

Batch R343446 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24020901-002BMSD

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	0.4980	2.23	02/22/2024

Batch R343446 **SampType:** MS Units **mg/L**
SampID: 24020901-004BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.50**	0.5000	0	100.0	85	115	02/22/2024

Batch R343446 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24020901-004BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.50**	0.5000	0	100.2	0.5000	0.20	02/22/2024

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

Batch R343137 **SampType:** MBLK Units **mg/L**
SampID: MBLK

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**< 0.05**	0.0250	0	0	-100	100	02/15/2024
Nitrogen, Nitrite (as N)		0.05		**< 0.05**	0.0250	0	0	-100	100	02/15/2024

Batch R343137 **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	02/15/2024
Nitrogen, Nitrite (as N)		0.05		**0.30**	0.3045	0	99.8	90	110	02/15/2024

Batch R343137 **SampType:** MS Units **mg/L**
SampID: 24021212-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.50**	0.5000	0	100.6	85	115	02/15/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

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Client: Ramboll **Work Order:** 24020001

Client Project: COF-24Q1 **Report Date:** 09-Apr-24

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

Batch R343137 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24021212-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.50**	0.5000	0	100.2	0.5030	0.40	02/15/2024

Batch R343198 **SampType:** MBLK Units **mg/L**
SampID: MBLK

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**< 0.05**	0.0250	0	0	-100	100	02/16/2024

Batch R343198 **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	02/16/2024

Batch R343198 **SampType:** MS Units **mg/L**
SampID: 24021230-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.49**	0.5000	0	97.2	85	115	02/16/2024

Batch R343198 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24021230-001AMSD

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	0.4860	0.41	02/16/2024

Batch R343316 **SampType:** MBLK Units **mg/L**
SampID: MBLK

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**< 0.05**	0.0250	0	0	-100	100	02/20/2024
Nitrogen, Nitrite (as N)		0.05		**< 0.05**	0.0250	0	0	-100	100	02/20/2024

Batch R343316 **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	102.1	90	110	02/20/2024
Nitrogen, Nitrite (as N)		0.05		**0.31**	0.3045	0	102.1	90	110	02/20/2024

Teklab, Inc.
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Quality Control Results

Client: Ramboll **Work Order:** 24020001

Client Project: COF-24Q1 **Report Date:** 09-Apr-24

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

Batch R343316 **SampType:** MS Units **mg/L**
SampID: 24020001-042AMS

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	102.8	85	115	02/20/2024

Batch R343316 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24020001-042AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.52**	0.5000	0	105.0	0.5140	2.12	02/20/2024

Batch R343316 **SampType:** MS Units **mg/L**
SampID: 24021461-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.66**	0.5000	0.1550	101.8	85	115	02/20/2024

Batch R343316 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24021461-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.66**	0.5000	0.1550	100.8	0.6640	0.76	02/20/2024

Batch R343380 **SampType:** MBLK Units **mg/L**
SampID: MBLK

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**< 0.05**	0.0250	0	0	-100	100	02/21/2024

Batch R343380 **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	104.4	90	110	02/21/2024

Batch R343380 **SampType:** MS Units **mg/L**
SampID: 24021509-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.47**	0.5000	0	94.2	85	115	02/21/2024

Batch R343380 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24021509-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.44**	0.5000	0	88.0	0.4710	6.81	02/21/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll **Work Order:** 24020001

Client Project: COF-24Q1 **Report Date:** 09-Apr-24

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

Batch R343380 **SampType:** MS Units **mg/L**
SampID: 24021534-001AMS

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	0.02300	97.6	85	115	02/21/2024

Batch R343380 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24021534-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.51**	0.5000	0.02300	97.0	0.5110	0.59	02/21/2024

Batch R343446 **SampType:** MBLK Units **mg/L**
SampID: MBLK

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**< 0.05**	0.0250	0	0	-100	100	02/22/2024

Batch R343446 **SampType:** LCS Units **mg/L**
SampID: LCS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.32**	0.3045	0	104.1	90	110	02/22/2024

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

Batch R343164 **SampType:** MS Units **mg/L**
SampID: 24020001-010BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		**0.496**	0.2500	0.2630	93.2	85	115	02/15/2024

Batch R343164 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24020001-010BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		**0.486**	0.2500	0.2630	89.2	0.4960	2.04	02/15/2024

Batch R343269 **SampType:** MS Units **mg/L**
SampID: 24020001-017BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		**0.481**	0.2500	0.2600	88.4	85	115	02/16/2024

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Quality Control Results

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Client: Ramboll **Work Order:** 24020001

Client Project: COF-24Q1 **Report Date:** 09-Apr-24

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

Batch R343269 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24020001-017BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		**0.485**	0.2500	0.2600	90.0	0.4810	0.83	02/16/2024

Batch R343443 **SampType:** MS Units **mg/L**
SampID: 24020901-005BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		**0.694**	0.2500	0.4430	100.4	90	110	02/22/2024

Batch R343443 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24020901-005BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		**0.696**	0.2500	0.4430	101.2	0.6940	0.29	02/22/2024

Batch R343443 **SampType:** MS Units **mg/L**
SampID: 24021571-002AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.500		**8.27**	2.500	5.760	100.6	85	115	02/22/2024

Batch R343443 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24021571-002AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.500		**8.10**	2.500	5.760	93.4	8.274	2.17	02/22/2024

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

Batch R343164 **SampType:** MBLK Units **mg/L**
SampID: ICB/MBLK

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate (as N)		0.050		**< 0.050**						02/15/2024
Nitrogen, Nitrate-Nitrite (as N)		0.050		**< 0.050**	0.0090	0	0	-100	100	02/15/2024

Batch R343164 **SampType:** LCS Units **mg/L**
SampID: ICV/LCS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		**0.513**	0.5000	0	102.6	90	110	02/15/2024

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Quality Control Results

Client: Ramboll
Work Order: 24020001
Client Project: COF-24Q1
Report Date: 09-Apr-24

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

Batch R343164 **SampType:** MS Units **mg/L**
SampID: 24021019-003AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		1.00		**11.4**	5.000	6.744	92.5	90	110	02/15/2024

Batch R343164 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24021019-003AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		1.00		**11.4**	5.000	6.744	93.1	11.37	0.26	02/15/2024

Batch R343164 **SampType:** MS Units **mg/L**
SampID: 24021083-004AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		**0.214**	0.2500	0	85.6	85	115	02/15/2024

Batch R343164 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24021083-004AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		**0.215**	0.2500	0	86.0	0.2140	0.47	02/15/2024

Batch R343164 **SampType:** MS Units **mg/L**
SampID: 24021085-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050	S	**0.194**	0.2500	0	77.6	85	115	02/15/2024

Batch R343164 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24021085-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050	S	**0.196**	0.2500	0	78.4	0.1940	1.03	02/15/2024

Batch R343164 **SampType:** MS Units **mg/L**
SampID: 24021127-001CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050	S	**0.220**	0.2500	0.01100	83.6	90	110	02/15/2024

Batch R343164 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24021127-001CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050	S	**0.224**	0.2500	0.01100	85.2	0.2200	1.80	02/15/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll **Work Order:** 24020001

Client Project: COF-24Q1 **Report Date:** 09-Apr-24

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

Batch R343164 **SampType:** MS Units **mg/L**
SampID: 24021127-009CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050	S	**0.221**	0.2500	0	88.4	90	110	02/15/2024

Batch R343164 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24021127-009CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		**0.228**	0.2500	0	91.2	0.2210	3.12	02/15/2024

Batch R343164 **SampType:** MS Units **mg/L**
SampID: 24021219-006BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050	S	**0.224**	0.2500	0.01200	84.8	85	115	02/15/2024

Batch R343164 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24021219-006BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050	SR	**0.193**	0.2500	0.01200	72.4	0.2240	14.87	02/15/2024

Batch R343269 **SampType:** MBLK Units **mg/L**
SampID: ICB/MBLK

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate (as N)		0.050		**< 0.050**						02/16/2024
Nitrogen, Nitrate-Nitrite (as N)		0.050		**< 0.050**	0.0090	0	0	-100	100	02/16/2024

Batch R343269 **SampType:** LCS Units **mg/L**
SampID: ICV/LCS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		**0.490**	0.5000	0	98.0	90	110	02/16/2024

Batch R343269 **SampType:** MS Units **mg/L**
SampID: 24021230-003AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.100		**1.43**	0.5000	0.9840	90.0	85	115	02/16/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll **Work Order:** 24020001

Client Project: COF-24Q1 **Report Date:** 09-Apr-24

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Batch R343269 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24021230-003AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.100		**1.43**	0.5000	0.9840	88.8	1.434	0.42	02/16/2024

Batch R343269 **SampType:** MS Units **mg/L**
SampID: 24021298-006CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050	S	**0.210**	0.2500	0	84.0	90	110	02/16/2024

Batch R343269 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24021298-006CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050	S	**0.201**	0.2500	0	80.4	0.2100	4.38	02/16/2024

Batch R343286 **SampType:** MBLK Units **mg/L**
SampID: ICB/MBLK

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate (as N)		0.050		**< 0.050**						02/20/2024
Nitrogen, Nitrate-Nitrite (as N)		0.050		**< 0.050**	0.0090	0	0	-100	100	02/20/2024

Batch R343286 **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		**0.494**	0.5000	0	98.8	90	110	02/20/2024

Batch R343286 **SampType:** MS Units **mg/L**
SampID: 24020001-025AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.250		**3.40**	1.250	2.060	106.8	85	115	02/20/2024

Batch R343286 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24020001-025AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.250		**3.31**	1.250	2.060	99.9	3.395	2.57	02/20/2024

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Quality Control Results

http://www.teklabinc.com/

Client: Ramboll **Work Order:** 24020001

Client Project: COF-24Q1 **Report Date:** 09-Apr-24

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

Batch R343286 **SampType:** MS Units **mg/L**
SampID: 24021276-002AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		**0.288**	0.2500	0.02700	104.4	90	110	02/20/2024

Batch R343286 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24021276-002AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		**0.285**	0.2500	0.02700	103.2	0.2880	1.05	02/20/2024

Batch R343286 **SampType:** MS Units **mg/L**
SampID: 24021347-002AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		1.00	E	**23.3**	5.000	18.59	94.0	90	110	02/20/2024

Batch R343286 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24021347-002AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		1.00	E	**23.4**	5.000	18.59	95.7	23.29	0.36	02/20/2024

Batch R343351 **SampType:** MBLK Units **mg/L**
SampID: ICB/MBLK

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate (as N)		0.050		**< 0.050**						02/21/2024
Nitrogen, Nitrate-Nitrite (as N)		0.050		**< 0.050**	0.0090	0	0	-100	100	02/21/2024

Batch R343351 **SampType:** LCS Units **mg/L**
SampID: ICV/LCS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		**0.490**	0.5000	0	98.0	90	110	02/21/2024

Batch R343351 **SampType:** MS Units **mg/L**
SampID: 24021447-003AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		1.00		**14.4**	5.000	9.669	94.8	90	110	02/21/2024

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Environmental Laboratory

Quality Control Results

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Client: Ramboll
Work Order: 24020001
Client Project: COF-24Q1
Report Date: 09-Apr-24

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

Batch R343351 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24021447-003AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		1.00		**14.7**	5.000	9.669	101.0	14.41	2.12	02/21/2024

Batch R343351 **SampType:** MS Units **mg/L**
SampID: 24021461-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		1.00	S	**18.9**	5.000	14.49	88.0	90	110	02/21/2024

Batch R343351 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24021461-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		1.00	S	**18.6**	5.000	14.49	82.6	18.88	1.45	02/21/2024

Batch R343351 **SampType:** MS Units **mg/L**
SampID: 24021509-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		5.00		**43.3**	25.00	20.03	93.3	90	110	02/21/2024

Batch R343351 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24021509-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		5.00		**43.7**	25.00	20.03	94.6	43.35	0.79	02/21/2024

Batch R343351 **SampType:** MS Units **mg/L**
SampID: 24021524-008AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		1.00		**11.0**	5.000	5.914	100.8	85	115	02/21/2024

Batch R343351 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24021524-008AMSD

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	5.914	97.1	10.95	1.68	02/21/2024

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Client: Ramboll **Work Order:** 24020001

Client Project: COF-24Q1 **Report Date:** 09-Apr-24

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

Batch R343443 **SampType:** MBLK Units **mg/L**
SampID: ICB/MBLK

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate (as N)		0.050		**< 0.050**						02/22/2024
Nitrogen, Nitrate-Nitrite (as N)		0.050		**< 0.050**	0.0090	0	0	-100	100	02/22/2024

Batch R343443 **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		**0.503**	0.5000	0	100.6	90	110	02/22/2024

Batch R343443 **SampType:** MS Units **mg/L**
SampID: 24020001-078AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		**0.475**	0.2500	0.2250	100.0	85	115	02/22/2024

Batch R343443 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24020001-078AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		**0.479**	0.2500	0.2250	101.6	0.4750	0.84	02/22/2024

Batch R343443 **SampType:** MS Units **mg/L**
SampID: 24021555-002AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.100	E	**2.05**	0.5000	1.520	106.8	90	110	02/22/2024

Batch R343443 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24021555-002AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.100	E	**2.03**	0.5000	1.520	102.6	2.054	1.03	02/22/2024

Batch R343443 **SampType:** MS Units **mg/L**
SampID: 24021615-003AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.250		**3.13**	1.250	1.895	98.6	90	110	02/22/2024

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Client: Ramboll
Work Order: 24020001
Client Project: COF-24Q1
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STANDARD METHODS 4500-NO3 F (TOTAL) 2000, 2011

Batch R343443 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24021615-003AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.250		**3.19**	1.250	1.895	103.8	3.127	2.06	02/22/2024

Batch R343443 **SampType:** MS Units **mg/L**
SampID: 24021660-002AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		1.00		**15.0**	5.000	10.19	96.7	90	110	02/22/2024

Batch R343443 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24021660-002AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		1.00		**14.9**	5.000	10.19	95.1	15.02	0.51	02/22/2024

SW-846 9012A (TOTAL)

Batch 218736 **SampType:** MBLK Units **mg/L**
SampID: MBLK 240214 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	02/15/2024

Batch 218736 **SampType:** LCS Units **mg/L**
SampID: LCS 240214 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	100.2	90	110	02/15/2024

Batch 218736 **SampType:** MS Units **mg/L**
SampID: 24020831-001CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Cyanide		0.025		**0.144**	0.1250	0.01712	101.1	90	110	02/15/2024

Batch 218736 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24020831-001CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Cyanide		0.025		**0.138**	0.1250	0.01712	97.0	0.1436	3.64	02/15/2024

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Client: Ramboll
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SW-846 9012A (TOTAL)

Batch 218736 **SampType:** MS Units **mg/L**
SampID: 24020991-002HMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Cyanide		0.005		**0.025**	0.0250	0	99.7	75	125	02/15/2024

Batch 218736 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24020991-002HMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Cyanide		0.005		**0.024**	0.0250	0	97.9	0.02492	1.82	02/15/2024

Batch 218790 **SampType:** MBLK Units **mg/L**
SampID: MBLK 240215 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	02/16/2024

Batch 218790 **SampType:** LCS Units **mg/L**
SampID: LCS 240215 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	02/16/2024

Batch 218790 **SampType:** MS Units **mg/L**
SampID: 24020001-005EMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Cyanide		0.005		**0.019**	0.0250	0	77.0	75	125	02/16/2024

Batch 218790 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24020001-005EMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Cyanide		0.005	R	**0.023**	0.0250	0	93.8	0.01926	19.64	02/16/2024

Batch 218790 **SampType:** MS Units **mg/L**
SampID: 24021110-001DMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Cyanide		0.005		**0.024**	0.0250	0	95.0	90	110	02/16/2024

Batch 218790 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24021110-001DMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Cyanide		0.005		**0.024**	0.0250	0	97.6	0.02376	2.66	02/16/2024

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Client: Ramboll
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Client Project: COF-24Q1
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Batch 218790 **SampType:** MS Units **mg/L**
SampID: 24021122-001CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Cyanide		0.025		**0.137**	0.1250	0.02172	92.0	90	110	02/16/2024

Batch 218790 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24021122-001CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Cyanide		0.025		**0.146**	0.1250	0.02172	99.2	0.1368	6.35	02/16/2024

Batch 218792 **SampType:** MBLK Units **mg/L**
SampID: MBLK 240215 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	02/16/2024

Batch 218792 **SampType:** LCS Units **mg/L**
SampID: LCS 240215 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	96.6	90	110	02/16/2024

Batch 218792 **SampType:** MS Units **mg/L**
SampID: 24020991-005EMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Cyanide		0.005		**0.024**	0.0250	0	97.7	75	125	02/16/2024

Batch 218792 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24020991-005EMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Cyanide		0.005		**0.023**	0.0250	0	93.0	0.02443	4.93	02/16/2024

Batch 218850 **SampType:** MBLK Units **mg/L**
SampID: MBLK 240216 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	02/19/2024

Batch 218850 **SampType:** LCS Units **mg/L**
SampID: LCS 240216 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	96.3	90	110	02/19/2024

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Client: Ramboll
Work Order: 24020001
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SW-846 9012A (TOTAL)

Batch 218850 **SampType:** MS Units **mg/L**
SampID: 24020001-004DMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Cyanide		0.005		**0.024**	0.0250	0	95.0	75	125	02/19/2024

Batch 218850 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24020001-004DMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Cyanide		0.005		**0.025**	0.0250	0	99.7	0.02376	4.83	02/19/2024

Batch 218850 **SampType:** MS Units **mg/L**
SampID: 24021139-002AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Cyanide		0.005	S	**< 0.005**	0.0250	0	0	90	110	02/19/2024

Batch 218850 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24021139-002AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Cyanide		0.005	S	**< 0.005**	0.0250	0	0	0	0.00	02/19/2024

Batch 218851 **SampType:** MBLK Units **mg/L**
SampID: MBLK 240216 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	02/19/2024

Batch 218851 **SampType:** LCS Units **mg/L**
SampID: LCS 240216 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	95.1	90	110	02/19/2024

Batch 218851 **SampType:** MS Units **mg/L**
SampID: 24020991-006EMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Cyanide		0.005	S	**0.015**	0.0250	0	59.9	75	125	02/19/2024

Batch 218851 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24020991-006EMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Cyanide		0.005	SR	**0.011**	0.0250	0	43.7	0.01496	31.25	02/19/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24020001

Client Project: COF-24Q1 **Report Date:** 09-Apr-24

SW-846 9012A (TOTAL)

Batch 218851 **SampType:** MS Units **mg/L**
SampID: 24020991-013EMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Cyanide		0.005		**0.023**	0.0250	0	91.7	75	125	02/19/2024

Batch 218851 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24020991-013EMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Cyanide		0.005		**0.023**	0.0250	0	91.3	0.02292	0.46	02/19/2024

Batch 218898 **SampType:** MBLK Units **mg/L**
SampID: MBLK 240219 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	02/20/2024

Batch 218898 **SampType:** LCS Units **mg/L**
SampID: LCS 240219 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	02/20/2024

Batch 218898 **SampType:** MS Units **mg/L**
SampID: 24021219-001EMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Cyanide		0.005		**0.025**	0.0250	0	98.5	75	125	02/20/2024

Batch 218898 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24021219-001EMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Cyanide		0.005		**0.025**	0.0250	0	100.7	0.02462	2.27	02/20/2024

Batch 218898 **SampType:** MS Units **mg/L**
SampID: 24021293-002AMS

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	90	110	02/20/2024

Batch 218898 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24021293-002AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Cyanide		0.005		**0.026**	0.0250	0	105.0	0.02485	5.52	02/20/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

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Client: Ramboll
Work Order: 24020001
Client Project: COF-24Q1
Report Date: 09-Apr-24

SW-846 9012A (TOTAL)

Batch 218900 **SampType:** MBLK Units **mg/L**
SampID: MBLK 240219 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	02/20/2024

Batch 218900 **SampType:** LCS Units **mg/L**
SampID: LCS 240219 TCN2

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Cyanide		0.005		**0.025**	0.0250	0	98.5	90	110	02/20/2024

Batch 218900 **SampType:** MS Units **mg/L**
SampID: 24021219-009EMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Cyanide		0.005		**0.026**	0.0250	0	103.1	75	125	02/20/2024

Batch 218900 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24021219-009EMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Cyanide		0.005		**0.026**	0.0250	0	102.3	0.02577	0.74	02/20/2024

Batch 218964 **SampType:** MBLK Units **mg/L**
SampID: MBLK 240220 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	02/21/2024

Batch 218964 **SampType:** LCS Units **mg/L**
SampID: LCS 240220 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	96.8	90	110	02/21/2024

Batch 219081 **SampType:** MBLK Units **mg/L**
SampID: MBLK 240222 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	02/23/2024

Batch 219081 **SampType:** LCS Units **mg/L**
SampID: LCS 240222 TCN2

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	02/23/2024

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Environmental Laboratory

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Client: Ramboll **Work Order:** 24020001

Client Project: COF-24Q1 **Report Date:** 09-Apr-24

SW-846 9012A (TOTAL)

Batch 219081 **SampType:** MS Units **mg/L**
SampID: 24020001-076DMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Cyanide		0.005		**0.023**	0.0250	0	93.3	75	125	02/23/2024

Batch 219081 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24020001-076DMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Cyanide		0.005		**0.023**	0.0250	0	92.3	0.02333	1.12	02/23/2024

Batch 219139 **SampType:** MBLK Units **mg/L**
SampID: MBLK 240223 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	02/26/2024

Batch 219139 **SampType:** LCS Units **mg/L**
SampID: LCS 240223 TCN2

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Cyanide		0.005		**0.023**	0.0250	0	92.9	90	110	02/26/2024

Batch 219139 **SampType:** MS Units **mg/L**
SampID: 24020001-027EMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Cyanide		0.005		**0.023**	0.0250	0	91.3	75	125	02/26/2024

Batch 219139 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24020001-027EMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Cyanide		0.005		**0.023**	0.0250	0	93.0	0.02283	1.78	02/26/2024

Batch 219197 **SampType:** MBLK Units **mg/L**
SampID: MBLK 240226 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	02/27/2024

Batch 219197 **SampType:** LCS Units **mg/L**
SampID: LCS 240226 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	94.4	90	110	02/27/2024

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Environmental Laboratory

Quality Control Results

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Client: Ramboll **Work Order:** 24020001

Client Project: COF-24Q1 **Report Date:** 09-Apr-24

SW-846 9012A (TOTAL)

Batch 219197 **SampType:** MS Units **mg/L**
SampID: 24021830-001CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Cyanide		0.025		**0.133**	0.1250	0.01215	96.8	90	110	02/27/2024

Batch 219197 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24021830-001CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Cyanide		0.025		**0.131**	0.1250	0.01215	94.7	0.1332	1.95	02/27/2024

SW-846 9036 (DISSOLVED)

Batch R343078 **SampType:** MS Units **mg/L**
SampID: 24020001-031BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		20		**73**	40.00	37.08	90.3	85	115	02/14/2024

Batch R343078 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24020001-031BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		20		**76**	40.00	37.08	97.9	73.20	4.07	02/14/2024

Batch R343392 **SampType:** MS Units **mg/L**
SampID: 24020001-025BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		50		**186**	100.0	87.70	98.0	85	115	02/21/2024

Batch R343392 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24020001-025BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		50		**178**	100.0	87.70	90.8	185.7	3.98	02/21/2024

Batch R343452 **SampType:** MS Units **mg/L**
SampID: 24020901-004BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		50		**242**	100.0	145.6	96.7	85	115	02/22/2024

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Quality Control Results

http://www.teklabinc.com/

Client: Ramboll **Work Order:** 24020001

Client Project: COF-24Q1 **Report Date:** 09-Apr-24

SW-846 9036 (DISSOLVED)

Batch R343452 **SampType:** MSD Units **mg/L** RPD Limit **10**

SampID: 24020901-004BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		50		**234**	100.0	145.6	88.8	242.3	3.34	02/22/2024

SW-846 9036 (TOTAL)

Batch R343078 **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	02/14/2024

Batch R343078 **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	96.7	90	110	02/14/2024

Batch R343078 **SampType:** MS Units **mg/L**

SampID: 24020907-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		20		**90**	40.00	52.32	95.3	90	110	02/14/2024

Batch R343078 **SampType:** MSD Units **mg/L** RPD Limit **10**

SampID: 24020907-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		20		**93**	40.00	52.32	101.2	90.44	2.59	02/14/2024

Batch R343078 **SampType:** MS Units **mg/L**

SampID: 24020991-002BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		100		**348**	200.0	168.4	89.8	85	115	02/15/2024

Batch R343078 **SampType:** MSD Units **mg/L** RPD Limit **10**

SampID: 24020991-002BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		100		**345**	200.0	168.4	88.4	348.1	0.85	02/15/2024

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Quality Control Results

Client: Ramboll
Work Order: 24020001
Client Project: COF-24Q1
Report Date: 09-Apr-24

SW-846 9036 (TOTAL)

Batch R343078 **SampType:** MS Units **mg/L**
SampID: 24020991-010BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		100	S	**323**	200.0	156.6	83.4	85	115	02/15/2024

Batch R343078 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24020991-010BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		100	S	**326**	200.0	156.6	84.6	323.4	0.75	02/15/2024

Batch R343142 **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	02/15/2024

Batch R343142 **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	96.7	90	110	02/15/2024

Batch R343142 **SampType:** MS Units **mg/L**
SampID: 24021083-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		10	E	**51**	20.00	32.47	90.8	85	115	02/15/2024

Batch R343142 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24021083-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		10	E	**51**	20.00	32.47	92.2	50.63	0.55	02/15/2024

Batch R343209 **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	02/16/2024

Batch R343209 **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	94.5	90	110	02/16/2024

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Quality Control Results

Client: Ramboll
Work Order: 24020001
Client Project: COF-24Q1
Report Date: 09-Apr-24

SW-846 9036 (TOTAL)

Batch R343209 **SampType:** MS Units **mg/L**
SampID: 24021085-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		20		**94**	40.00	59.02	88.2	85	115	02/16/2024

Batch R343209 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24021085-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		20		**94**	40.00	59.02	88.3	94.31	0.03	02/16/2024

Batch R343209 **SampType:** MS Units **mg/L**
SampID: 24021127-007BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		20	S	**35**	40.00	0	88.7	90	110	02/16/2024

Batch R343209 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24021127-007BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		20	S	**34**	40.00	0	85.5	35.48	3.64	02/16/2024

Batch R343209 **SampType:** MS Units **mg/L**
SampID: 24021127-009BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		20	S	**32**	40.00	0	81.2	90	110	02/16/2024

Batch R343209 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24021127-009BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		20	S	**33**	40.00	0	82.6	32.47	1.74	02/16/2024

Batch R343209 **SampType:** MS Units **mg/L**
SampID: 24021140-002AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		200		**702**	400.0	311.2	97.8	90	110	02/16/2024

Batch R343209 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24021140-002AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		200		**674**	400.0	311.2	90.8	702.5	4.11	02/16/2024

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Quality Control Results

Client: Ramboll **Work Order:** 24020001

Client Project: COF-24Q1 **Report Date:** 09-Apr-24

SW-846 9036 (TOTAL)

Batch R343209 **SampType:** MS Units **mg/L**
SampID: 24021219-001BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		10		**18**	20.00	0	91.0	85	115	02/16/2024

Batch R343209 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24021219-001BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		10		**18**	20.00	0	92.4	18.19	1.58	02/16/2024

Batch R343255 **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	02/19/2024

Batch R343255 **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	98.6	90	110	02/19/2024

Batch R343255 **SampType:** MS Units **mg/L**
SampID: 24020001-007AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		50		**227**	100.0	127.7	98.8	85	115	02/19/2024

Batch R343255 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24020001-007AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		50		**221**	100.0	127.7	93.3	226.5	2.48	02/19/2024

Batch R343255 **SampType:** MS Units **mg/L**
SampID: 24021216-006AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		20	E	**109**	40.00	72.10	92.0	85	115	02/19/2024

Batch R343255 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24021216-006AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		20	E	**113**	40.00	72.10	102.0	108.9	3.57	02/19/2024

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Quality Control Results

Client: Ramboll
Work Order: 24020001
Client Project: COF-24Q1
Report Date: 09-Apr-24

SW-846 9036 (TOTAL)

Batch R343255 **SampType:** MS Units **mg/L**
SampID: 24021217-009AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		20		**84**	40.00	46.70	94.1	85	115	02/19/2024

Batch R343255 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24021217-009AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		20		**86**	40.00	46.70	99.2	84.32	2.39	02/19/2024

Batch R343255 **SampType:** MS Units **mg/L**
SampID: 24021218-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		50		**228**	100.0	135.7	92.4	85	115	02/19/2024

Batch R343255 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24021218-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		50		**228**	100.0	135.7	92.2	228.1	0.07	02/19/2024

Batch R343255 **SampType:** MS Units **mg/L**
SampID: 24021230-003AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		10		**31**	20.00	13.38	87.8	85	115	02/19/2024

Batch R343255 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24021230-003AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		10		**31**	20.00	13.38	89.7	30.95	1.16	02/19/2024

Batch R343255 **SampType:** MS Units **mg/L**
SampID: 24021298-004BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		20	S	**72**	40.00	36.95	86.9	90	110	02/20/2024

Batch R343255 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24021298-004BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		20	S	**73**	40.00	36.95	89.4	71.69	1.44	02/20/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24020001

Client Project: COF-24Q1 **Report Date:** 09-Apr-24

SW-846 9036 (TOTAL)

Batch R343322 **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	02/20/2024

Batch R343322 **SampType:** LCS Units **mg/L**
SampID: ICV/LCS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		10		**20**	20.00	0	99.7	90	110	02/20/2024

Batch R343322 **SampType:** MS Units **mg/L**
SampID: 24021285-020BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		20		**83**	40.00	44.53	96.7	85	115	02/20/2024

Batch R343322 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24021285-020BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		20		**81**	40.00	44.53	91.5	83.20	2.53	02/20/2024

Batch R343392 **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	02/21/2024

Batch R343392 **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	92.6	90	110	02/21/2024

Batch R343392 **SampType:** MS Units **mg/L**
SampID: 24020001-025AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		50		**174**	100.0	77.84	96.2	85	115	02/21/2024

Batch R343392 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24020001-025AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		50		**178**	100.0	77.84	100.0	174.0	2.17	02/21/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll
Work Order: 24020001
Client Project: COF-24Q1
Report Date: 09-Apr-24

SW-846 9036 (TOTAL)

Batch R343392 **SampType:** MS Units **mg/L**
SampID: 24020001-094AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		200		**917**	400.0	540.8	94.0	85	115	02/21/2024

Batch R343392 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24020001-094AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		200		**907**	400.0	540.8	91.5	916.8	1.12	02/21/2024

Batch R343392 **SampType:** MS Units **mg/L**
SampID: 24021285-001BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		200		**765**	400.0	394.3	92.8	85	115	02/21/2024

Batch R343392 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24021285-001BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		200		**791**	400.0	394.3	99.1	765.5	3.22	02/21/2024

Batch R343392 **SampType:** MS Units **mg/L**
SampID: 24021285-016BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		100		**326**	200.0	136.4	94.9	85	115	02/21/2024

Batch R343392 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24021285-016BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		100		**327**	200.0	136.4	95.4	326.1	0.35	02/21/2024

Batch R343452 **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	02/22/2024

Batch R343452 **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	92.5	90	110	02/22/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll
Work Order: 24020001
Client Project: COF-24Q1
Report Date: 09-Apr-24

SW-846 9036 (TOTAL)

Batch R343452 **SampType:** MS Units **mg/L**
SampID: 24021582-006AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		20		**82**	40.00	42.90	96.8	90	110	02/22/2024

Batch R343452 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24021582-006AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		20		**83**	40.00	42.90	99.5	81.61	1.33	02/22/2024

Batch R343452 **SampType:** MS Units **mg/L**
SampID: 24021616-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		10	S	**24**	20.00	8.310	79.8	85	115	02/23/2024

Batch R343452 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24021616-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		10	S	**25**	20.00	8.310	81.7	24.27	1.55	02/23/2024

Batch R343641 **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	02/23/2024

Batch R343641 **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	93.4	90	110	02/23/2024

Batch R343641 **SampType:** MS Units **mg/L**
SampID: 24020001-075AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		50		**182**	100.0	83.35	98.7	85	115	02/23/2024

Batch R343641 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24020001-075AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		50		**186**	100.0	83.35	103.1	182.0	2.39	02/23/2024

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Quality Control Results

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Client: Ramboll
Work Order: 24020001
Client Project: COF-24Q1
Report Date: 09-Apr-24

SW-846 9036 (TOTAL)

Batch R343641 **SampType:** MS Units **mg/L**
SampID: 24021582-011AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		50		**153**	100.0	62.64	90.7	90	110	02/23/2024

Batch R343641 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24021582-011AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		50		**154**	100.0	62.64	91.2	153.3	0.35	02/23/2024

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

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

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Quality Control Results

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Client: Ramboll **Work Order:** 24020001

Client Project: COF-24Q1 **Report Date:** 09-Apr-24

SW-846 9036 (TOTAL)

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

SW-846 9060A

Batch R343233 **SampType:** MBLK Units **mg/L**
SampID: Filter Blank

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Dissolved Organic Carbon		1.0		**< 1.0**	0.4500	0	0	-100	100	02/19/2024

Batch R343233 **SampType:** MBLK Units **mg/L**
SampID: MB-R343233

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Dissolved Organic Carbon		1.0		**< 1.0**	0.4500	0	0	-100	100	02/19/2024

Batch R343233 **SampType:** LCS Units **mg/L**
SampID: LCS-R343233

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Dissolved Organic Carbon		1.0		**5.0**	5.000	0	99.8	90	110	02/19/2024

Batch R343440 **SampType:** MBLK Units **mg/L**
SampID: Filter Blank

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Dissolved Organic Carbon		1.0		**< 1.0**	0.4500	0	0	-100	100	02/22/2024

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Quality Control Results

http://www.teklabinc.com/

Client: Ramboll **Work Order:** 24020001

Client Project: COF-24Q1 **Report Date:** 09-Apr-24

SW-846 9060A

Batch R343440 **SampType:** MBLK Units **mg/L**
SampID: MB-R343440

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Dissolved Organic Carbon		1.0		**< 1.0**	0.4500	0	0	-100	100	02/22/2024

Batch R343440 **SampType:** LCS Units **mg/L**
SampID: LCS-R343440

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Dissolved Organic Carbon		1.0		**5.0**	5.000	0	100.0	90	110	02/22/2024

Batch R343771 **SampType:** MBLK Units **mg/L**
SampID: Filter Blank

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Dissolved Organic Carbon		1.0		**< 1.0**	0.4500	0	0	-100	100	02/29/2024

Batch R343771 **SampType:** MBLK Units **mg/L**
SampID: MB-R343771

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Dissolved Organic Carbon		1.0		**< 1.0**	0.4500	0	0	-100	100	02/29/2024

Batch R343771 **SampType:** LCS Units **mg/L**
SampID: LCS-R343771

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Dissolved Organic Carbon		1.0		**5.0**	5.000	0	100.2	90	110	02/29/2024

SW-846 9066 (TOTAL)

Batch R343277 **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	02/19/2024

Batch R343277 **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		**0.051**	0.0500	0	102.6	90	110	02/19/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24020001

Client Project: COF-24Q1 **Report Date:** 09-Apr-24

SW-846 9066 (TOTAL)

Batch R343277 **SampType:** MS Units **mg/L**
SampID: 24021110-001EMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Phenols		0.005	S	**0.057**	0.0500	0	113.2	90	110	02/19/2024

Batch R343277 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24021110-001EMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Phenols		0.005	S	**0.057**	0.0500	0	113.8	0.05661	0.55	02/19/2024

Batch R343277 **SampType:** MS Units **mg/L**
SampID: 24021110-003EMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Phenols		0.005	S	**0.060**	0.0500	0	120.9	90	110	02/19/2024

Batch R343277 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24021110-003EMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Phenols		0.005	R	**0.049**	0.0500	0	98.0	0.06046	20.90	02/19/2024

Batch R343277 **SampType:** MS Units **mg/L**
SampID: 24021110-005EMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Phenols		0.005	S	**0.062**	0.0500	0	124.6	90	110	02/19/2024

Batch R343277 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24021110-005EMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Phenols		0.005		**0.054**	0.0500	0	108.6	0.06232	13.72	02/19/2024

Batch R343277 **SampType:** MS Units **mg/L**
SampID: 24021188-002EMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Phenols		0.005	S	**0.057**	0.0500	0	114.2	90	110	02/19/2024

Batch R343277 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24021188-002EMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Phenols		0.005	S	**0.057**	0.0500	0	114.9	0.05712	0.56	02/19/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

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Client: Ramboll **Work Order:** 24020001

Client Project: COF-24Q1 **Report Date:** 09-Apr-24

SW-846 9066 (TOTAL)

Batch R343277 **SampType:** MS Units **mg/L**
SampID: 24021259-002EMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Phenols		0.005		**0.081**	0.0500	0.02783	107.1	90	110	02/19/2024

Batch R343277 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24021259-002EMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Phenols		0.005	S	**0.086**	0.0500	0.02783	115.7	0.08139	5.14	02/19/2024

Batch R343277 **SampType:** MS Units **mg/L**
SampID: 24021260-002DMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Phenols		0.005	S	**0.006**	0.0500	0	11.8	90	110	02/19/2024

Batch R343277 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24021260-002DMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Phenols		0.005	SR	**0.008**	0.0500	0	15.9	0.005890	29.65	02/19/2024

Batch R343421 **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	02/21/2024

Batch R343421 **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		**0.053**	0.0500	0	106.6	90	110	02/21/2024

Batch R343421 **SampType:** MS Units **mg/L**
SampID: 24021285-015FMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Phenols		0.005		**0.060**	0.0500	0.003640	112.1	85	115	02/21/2024

Batch R343421 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24021285-015FMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Phenols		0.005		**0.055**	0.0500	0.003640	102.9	0.05968	8.02	02/21/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24020001

Client Project: COF-24Q1 **Report Date:** 09-Apr-24

SW-846 9066 (TOTAL)

Batch R343421 **SampType:** MS Units **mg/L**
SampID: 24021361-001GMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Phenols		0.005		**0.055**	0.0500	0.003300	104.2	90	110	02/21/2024

Batch R343421 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24021361-001GMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Phenols		0.005		**0.054**	0.0500	0.003300	101.6	0.05542	2.41	02/21/2024

Batch R343517 **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	02/23/2024

Batch R343517 **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		**0.050**	0.0500	0	100.7	90	110	02/23/2024

Batch R343517 **SampType:** MS Units **mg/L**
SampID: 24021508-001GMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Phenols		0.005	S	**0.058**	0.0500	0	115.8	90	110	02/23/2024

Batch R343517 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24021508-001GMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Phenols		0.005	R	**0.049**	0.0500	0	97.4	0.05789	17.24	02/23/2024

Batch R343517 **SampType:** MS Units **mg/L**
SampID: 24021515-002BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Phenols		0.005		**0.079**	0.0500	0.02465	108.1	90	110	02/23/2024

Batch R343517 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24021515-002BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Phenols		0.005		**0.078**	0.0500	0.02465	106.3	0.07868	1.10	02/23/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24020001

Client Project: COF-24Q1 **Report Date:** 09-Apr-24

SW-846 9066 (TOTAL)

Batch R343691 **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	02/28/2024

Batch R343691 **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		**0.054**	0.0500	0	108.1	90	110	02/28/2024

Batch R343691 **SampType:** MS Units **mg/L**
SampID: 24021619-001EMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Phenols		0.005	S	**0.055**	0.0500	0	110.8	90	110	02/28/2024

Batch R343691 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24021619-001EMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Phenols		0.005		**0.054**	0.0500	0	108.1	0.05540	2.50	02/28/2024

Batch R343691 **SampType:** MS Units **mg/L**
SampID: 24021928-001GMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Phenols		0.005	S	**0.058**	0.0500	0	116.7	90	110	02/28/2024

Batch R343691 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24021928-001GMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Phenols		0.005		**0.053**	0.0500	0	105.5	0.05833	10.05	02/28/2024

Batch R343691 **SampType:** MS Units **mg/L**
SampID: 24021932-001EMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Phenols		0.005	S	**0.063**	0.0500	0	126.1	85	115	02/28/2024

Batch R343691 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24021932-001EMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Phenols		0.005	S	**0.065**	0.0500	0	130.9	0.06303	3.80	02/28/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll
Work Order: 24020001
Client Project: COF-24Q1
Report Date: 09-Apr-24

SW-846 9214 (DISSOLVED)

Batch R343081 **SampType:** MS Units **mg/L**
SampID: 24020001-033BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**2.29**	2.000	0.3750	96.0	75	125	02/14/2024

Batch R343081 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24020001-033BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**2.40**	2.000	0.3750	101.1	2.294	4.39	02/14/2024

Batch R343151 **SampType:** MS Units **mg/L**
SampID: 24020001-007BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**2.36**	2.000	0.3120	102.6	75	125	02/15/2024

Batch R343151 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24020001-007BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**2.60**	2.000	0.3120	114.4	2.363	9.55	02/15/2024

Batch R343151 **SampType:** MS Units **mg/L**
SampID: 24020001-009BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**2.39**	2.000	0.3960	99.5	75	125	02/15/2024

Batch R343151 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24020001-009BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**2.41**	2.000	0.3960	100.8	2.386	1.08	02/15/2024

Batch R343192 **SampType:** MS Units **mg/L**
SampID: 24020001-019BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**2.34**	2.000	0.2610	104.0	75	125	02/16/2024

Batch R343192 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24020001-019BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**2.38**	2.000	0.2610	105.8	2.340	1.53	02/16/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

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Client: Ramboll
Work Order: 24020001
Client Project: COF-24Q1
Report Date: 09-Apr-24

SW-846 9214 (DISSOLVED)

Batch R343192 **SampType:** MS Units **mg/L**
SampID: 24020001-092BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**2.37**	2.000	0.3420	101.3	75	125	02/16/2024

Batch R343192 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24020001-092BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**2.40**	2.000	0.3420	103.1	2.368	1.51	02/16/2024

Batch R343311 **SampType:** MS Units **mg/L**
SampID: 24020001-045BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**2.31**	2.000	0.3100	99.8	75	125	02/20/2024

Batch R343311 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24020001-045BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**2.30**	2.000	0.3100	99.7	2.307	0.17	02/20/2024

Batch R343485 **SampType:** MS Units **mg/L**
SampID: 24020001-103IMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**1.92**	2.000	0	96.2	75	125	02/23/2024

Batch R343485 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24020001-103IMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**2.03**	2.000	0	101.7	1.925	5.46	02/23/2024

SW-846 9214 (TOTAL)

Batch R343081 **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	02/14/2024

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Environmental Laboratory

Quality Control Results

Client: Ramboll
Work Order: 24020001
Client Project: COF-24Q1
Report Date: 09-Apr-24

SW-846 9214 (TOTAL)

Batch R343081 **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		**0.90**	1.000	0	90.5	90	110	02/14/2024

Batch R343081 **SampType:** MS Units **mg/L**
SampID: 24020001-041AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**2.35**	2.000	0.3030	102.4	75	125	02/14/2024

Batch R343081 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24020001-041AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**2.32**	2.000	0.3030	100.6	2.350	1.50	02/14/2024

Batch R343081 **SampType:** MS Units **mg/L**
SampID: 24020927-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**2.07**	2.000	0.1450	96.4	75	125	02/14/2024

Batch R343081 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24020927-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**2.19**	2.000	0.1450	102.2	2.072	5.54	02/14/2024

Batch R343151 **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	02/15/2024

Batch R343151 **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	97.4	90	110	02/15/2024

Batch R343151 **SampType:** MS Units **mg/L**
SampID: 24020001-008AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**2.38**	2.000	0.4090	98.8	75	125	02/15/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll
Work Order: 24020001
Client Project: COF-24Q1
Report Date: 09-Apr-24

SW-846 9214 (TOTAL)

Batch R343151 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24020001-008AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**2.37**	2.000	0.4090	98.0	2.384	0.63	02/15/2024

Batch R343151 **SampType:** MS Units **mg/L**
SampID: 24020001-064AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**2.50**	2.000	0.5240	98.8	75	125	02/15/2024

Batch R343151 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24020001-064AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**2.55**	2.000	0.5240	101.2	2.501	1.82	02/15/2024

Batch R343151 **SampType:** MS Units **mg/L**
SampID: 24020001-098AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**2.35**	2.000	0.2840	103.4	75	125	02/15/2024

Batch R343151 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24020001-098AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**2.35**	2.000	0.2840	103.4	2.353	0.00	02/15/2024

Batch R343151 **SampType:** MS Units **mg/L**
SampID: 24021127-008BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**2.31**	2.000	0.2350	103.6	75	125	02/15/2024

Batch R343151 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24021127-008BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**2.27**	2.000	0.2350	101.8	2.307	1.57	02/15/2024

Batch R343192 **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	02/16/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll
Work Order: 24020001
Client Project: COF-24Q1
Report Date: 09-Apr-24

SW-846 9214 (TOTAL)

Batch R343192 **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	96.2	90	110	02/16/2024

Batch R343192 **SampType:** MS Units **mg/L**
SampID: 24020001-051AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**2.15**	2.000	0.2610	94.5	75	125	02/16/2024

Batch R343192 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24020001-051AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**2.14**	2.000	0.2610	94.1	2.151	0.37	02/16/2024

Batch R343192 **SampType:** MS Units **mg/L**
SampID: 24021047-004BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**2.41**	2.000	0.1890	111.1	75	125	02/16/2024

Batch R343192 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24021047-004BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**2.22**	2.000	0.1890	101.3	2.411	8.47	02/16/2024

Batch R343192 **SampType:** MS Units **mg/L**
SampID: 24021110-003AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**2.54**	2.000	0.4260	105.8	75	125	02/16/2024

Batch R343192 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24021110-003AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**2.50**	2.000	0.4260	103.6	2.543	1.83	02/16/2024

Batch R343192 **SampType:** MS Units **mg/L**
SampID: 24021116-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**2.21**	2.000	0.2360	98.6	75	125	02/16/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

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Client: Ramboll
Work Order: 24020001
Client Project: COF-24Q1
Report Date: 09-Apr-24

SW-846 9214 (TOTAL)

Batch R343192 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24021116-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**2.24**	2.000	0.2360	100.0	2.209	1.26	02/16/2024

Batch R343192 **SampType:** MS Units **mg/L**
SampID: 24021242-001CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**2.76**	2.000	0.8610	94.8	75	125	02/16/2024

Batch R343192 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24021242-001CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**2.78**	2.000	0.8610	96.2	2.758	0.94	02/16/2024

Batch R343237 **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	02/19/2024

Batch R343237 **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	102.6	90	110	02/19/2024

Batch R343237 **SampType:** MS Units **mg/L**
SampID: 24020001-039AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**2.41**	2.000	0.3510	102.8	75	125	02/19/2024

Batch R343237 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24020001-039AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**2.29**	2.000	0.3510	97.0	2.407	4.98	02/19/2024

Batch R343237 **SampType:** MS Units **mg/L**
SampID: 24021285-014AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**2.24**	2.000	0.2320	100.4	75	125	02/19/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll
Work Order: 24020001
Client Project: COF-24Q1
Report Date: 09-Apr-24

SW-846 9214 (TOTAL)

Batch R343237 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24021285-014AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**2.28**	2.000	0.2320	102.2	2.239	1.64	02/19/2024

Batch R343237 **SampType:** MS Units **mg/L**
SampID: 24021285-022AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**2.08**	2.000	0.2460	91.6	75	125	02/19/2024

Batch R343237 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24021285-022AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**2.18**	2.000	0.2460	96.9	2.078	4.97	02/19/2024

Batch R343237 **SampType:** MS Units **mg/L**
SampID: 24021298-008BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**2.22**	2.000	0.2040	100.9	75	125	02/19/2024

Batch R343237 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24021298-008BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**2.34**	2.000	0.2040	106.6	2.222	5.00	02/19/2024

Batch R343311 **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	02/20/2024

Batch R343311 **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		**0.92**	1.000	0	92.1	90	110	02/20/2024

Batch R343311 **SampType:** MS Units **mg/L**
SampID: 24020001-045AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**2.32**	2.000	0.3230	100.1	75	125	02/20/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24020001

Client Project: COF-24Q1 **Report Date:** 09-Apr-24

SW-846 9214 (TOTAL)

Batch R343311 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24020001-045AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**2.30**	2.000	0.3230	98.8	2.325	1.17	02/20/2024

Batch R343311 **SampType:** MS Units **mg/L**
SampID: 24020001-067AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**2.03**	2.000	0.2020	91.4	75	125	02/20/2024

Batch R343311 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24020001-067AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**2.14**	2.000	0.2020	97.0	2.029	5.37	02/20/2024

Batch R343311 **SampType:** MS Units **mg/L**
SampID: 24020001-101AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**2.22**	2.000	0.2470	98.5	75	125	02/20/2024

Batch R343311 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24020001-101AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**2.45**	2.000	0.2470	110.4	2.217	10.15	02/20/2024

Batch R343485 **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	02/23/2024

Batch R343485 **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		**0.92**	1.000	0	92.3	90	110	02/23/2024

Batch R343485 **SampType:** MS Units **mg/L**
SampID: 24010117-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**2.37**	2.000	0.3740	99.7	75	125	02/23/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll
Work Order: 24020001
Client Project: COF-24Q1
Report Date: 09-Apr-24

SW-846 9214 (TOTAL)

Batch R343485 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24010117-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**2.41**	2.000	0.3740	101.8	2.368	1.76	02/23/2024

Batch R343485 **SampType:** MS Units **mg/L**
SampID: 24010117-007AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**2.37**	2.000	0.3730	99.8	75	125	02/23/2024

Batch R343485 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24010117-007AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**2.26**	2.000	0.3730	94.2	2.370	4.84	02/23/2024

Batch R343485 **SampType:** MS Units **mg/L**
SampID: 24020001-049AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**2.48**	2.000	0.3620	106.0	75	125	02/23/2024

Batch R343485 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24020001-049AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**2.45**	2.000	0.3620	104.6	2.482	1.18	02/23/2024

Batch R343485 **SampType:** MS Units **mg/L**
SampID: 24020001-074AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**2.36**	2.000	0.2760	104.1	75	125	02/23/2024

Batch R343485 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24020001-074AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**2.24**	2.000	0.2760	98.3	2.358	5.04	02/23/2024

Batch R343485 **SampType:** MS Units **mg/L**
SampID: 24020001-082AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**3.17**	2.000	1.149	101.0	75	125	02/23/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 24020001
Client Project: COF-24Q1
Report Date: 09-Apr-24

SW-846 9214 (TOTAL)

Batch R343485 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24020001-082AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**3.19**	2.000	1.149	102.1	3.169	0.69	02/23/2024

Batch R343485 **SampType:** MS Units **mg/L**
SampID: 24020001-103AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**1.86**	2.000	0	93.2	75	125	02/23/2024

Batch R343485 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24020001-103AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**2.00**	2.000	0	99.9	1.864	6.94	02/23/2024

Batch R344130 **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	03/08/2024

Batch R344130 **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	96.9	90	110	03/08/2024

Batch R344130 **SampType:** MS Units **mg/L**
SampID: 24030573-002AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**5.10**	2.000	2.995	105.1	75	125	03/08/2024

Batch R344130 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24030573-002AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**5.19**	2.000	2.995	109.8	5.097	1.85	03/08/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll **Work Order:** 24020001

Client Project: COF-24Q1 **Report Date:** 09-Apr-24

SW-846 9251 (DISSOLVED)

Batch R343080 **SampType:** MS Units **mg/L**
SampID: 24020001-031BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		8		**71**	40.00	35.74	89.0	85	115	02/14/2024

Batch R343080 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24020001-031BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		8		**72**	40.00	35.74	89.8	71.35	0.43	02/14/2024

Batch R343325 **SampType:** MS Units **mg/L**
SampID: 24020001-025BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		4		**24**	20.00	4.760	94.2	85	115	02/20/2024

Batch R343325 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24020001-025BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		4		**24**	20.00	4.760	94.2	23.59	0.04	02/20/2024

Batch R343454 **SampType:** MS Units **mg/L**
SampID: 24020901-004BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		4		**48**	20.00	30.30	88.6	85	115	02/22/2024

Batch R343454 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24020901-004BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		4		**47**	20.00	30.30	85.9	48.01	1.11	02/22/2024

SW-846 9251 (TOTAL)

Batch R343080 **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	02/14/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24020001

Client Project: COF-24Q1 **Report Date:** 09-Apr-24

SW-846 9251 (TOTAL)

Batch R343080 **SampType:** LCS Units **mg/L**
SampID: ICV/LCS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		4		**21**	20.00	0	102.6	90	110	02/14/2024

Batch R343080 **SampType:** MS Units **mg/L**
SampID: 24020907-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		4		**24**	20.00	4.010	98.2	85	115	02/14/2024

Batch R343080 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24020907-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		4		**24**	20.00	4.010	98.2	23.64	0.00	02/14/2024

Batch R343080 **SampType:** MS Units **mg/L**
SampID: 24020936-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		200		**1590**	1000	661.3	92.4	85	115	02/14/2024

Batch R343080 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24020936-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		200		**1590**	1000	661.3	92.4	1586	0.04	02/14/2024

Batch R343144 **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	02/15/2024

Batch R343144 **SampType:** LCS Units **mg/L**
SampID: ICV/LCS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		4		**20**	20.00	0	101.0	90	110	02/15/2024

Batch R343144 **SampType:** MS Units **mg/L**
SampID: 24020001-007AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		4	E	**56**	20.00	38.63	88.4	85	115	02/15/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll
Work Order: 24020001
Client Project: COF-24Q1
Report Date: 09-Apr-24

SW-846 9251 (TOTAL)

Batch R343144 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24020001-007AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		4	E	**57**	20.00	38.63	91.4	56.31	1.06	02/15/2024

Batch R343144 **SampType:** MS Units **mg/L**
SampID: 24020991-010BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		80		**538**	400.0	173.7	91.0	85	115	02/15/2024

Batch R343144 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24020991-010BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		80		**539**	400.0	173.7	91.3	537.8	0.20	02/15/2024

Batch R343144 **SampType:** MS Units **mg/L**
SampID: 24021083-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		8		**65**	40.00	29.17	90.1	85	115	02/15/2024

Batch R343144 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24021083-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		8		**65**	40.00	29.17	90.1	65.20	0.02	02/15/2024

Batch R343214 **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	02/16/2024

Batch R343214 **SampType:** LCS Units **mg/L**
SampID: ICV/LCS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		4		**20**	20.00	0	101.5	90	110	02/16/2024

Batch R343214 **SampType:** MS Units **mg/L**
SampID: 24021085-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		40		**294**	200.0	113.3	90.3	85	115	02/16/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll
Work Order: 24020001
Client Project: COF-24Q1
Report Date: 09-Apr-24

SW-846 9251 (TOTAL)

Batch R343214 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24021085-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		40		**291**	200.0	113.3	88.6	293.9	1.14	02/16/2024

Batch R343214 **SampType:** MS Units **mg/L**
SampID: 24021127-007BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		4		**24**	20.00	4.240	97.1	85	115	02/16/2024

Batch R343214 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24021127-007BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		4		**24**	20.00	4.240	98.4	23.66	1.09	02/16/2024

Batch R343214 **SampType:** MS Units **mg/L**
SampID: 24021127-009BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		4		**24**	20.00	4.000	99.0	85	115	02/16/2024

Batch R343214 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24021127-009BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		4		**24**	20.00	4.000	102.4	23.79	2.86	02/16/2024

Batch R343214 **SampType:** MS Units **mg/L**
SampID: 24021140-002AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		40		**341**	200.0	159.1	91.0	85	115	02/16/2024

Batch R343214 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24021140-002AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		40		**348**	200.0	159.1	94.7	341.1	2.15	02/16/2024

Batch R343214 **SampType:** MS Units **mg/L**
SampID: 24021219-001BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		40		**352**	200.0	172.4	89.7	85	115	02/16/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24020001

Client Project: COF-24Q1 **Report Date:** 09-Apr-24

SW-846 9251 (TOTAL)

Batch R343214 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24021219-001BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		40		**350**	200.0	172.4	88.8	351.7	0.51	02/16/2024

Batch R343256 **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	02/19/2024

Batch R343256 **SampType:** LCS Units **mg/L**
SampID: ICV/LCS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		4		**21**	20.00	0	104.6	90	110	02/19/2024

Batch R343256 **SampType:** MS Units **mg/L**
SampID: 24021230-003AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		4		**28**	20.00	8.850	96.3	85	115	02/19/2024

Batch R343256 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24021230-003AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		4		**28**	20.00	8.850	97.1	28.11	0.57	02/19/2024

Batch R343256 **SampType:** MS Units **mg/L**
SampID: 24021298-004BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		4		**26**	20.00	6.610	95.3	85	115	02/20/2024

Batch R343256 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24021298-004BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		4		**26**	20.00	6.610	96.1	25.67	0.62	02/20/2024

Batch R343325 **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	02/20/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24020001

Client Project: COF-24Q1 **Report Date:** 09-Apr-24

SW-846 9251 (TOTAL)

Batch R343325 **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	106.5	90	110	02/20/2024

Batch R343325 **SampType:** MS Units **mg/L**
SampID: 24020001-025AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		4		**24**	20.00	5.410	91.8	85	115	02/20/2024

Batch R343325 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24020001-025AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		4		**24**	20.00	5.410	92.2	23.76	0.34	02/20/2024

Batch R343325 **SampType:** MS Units **mg/L**
SampID: 24020001-094AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		4		**26**	20.00	7.500	93.3	85	115	02/20/2024

Batch R343325 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24020001-094AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		4		**26**	20.00	7.500	91.8	26.16	1.19	02/20/2024

Batch R343325 **SampType:** MS Units **mg/L**
SampID: 24021285-001BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		40		**250**	200.0	63.08	93.5	85	115	02/20/2024

Batch R343325 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24021285-001BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		40		**254**	200.0	63.08	95.4	250.0	1.53	02/20/2024

Batch R343325 **SampType:** MS Units **mg/L**
SampID: 24021285-016BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		4		**26**	20.00	6.910	96.9	85	115	02/20/2024

Teklab, Inc.
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Quality Control Results

Client: Ramboll
Work Order: 24020001
Client Project: COF-24Q1
Report Date: 09-Apr-24

SW-846 9251 (TOTAL)

Batch R343325 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24021285-016BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		4		**26**	20.00	6.910	95.6	26.29	1.03	02/20/2024

Batch R343325 **SampType:** MS Units **mg/L**
SampID: 24021285-020BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		4		**40**	20.00	22.31	89.0	85	115	02/20/2024

Batch R343325 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24021285-020BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		4		**40**	20.00	22.31	87.4	40.10	0.78	02/20/2024

Batch R343402 **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	02/21/2024

Batch R343402 **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	02/21/2024

Batch R343454 **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	02/22/2024

Batch R343454 **SampType:** LCS Units **mg/L**
SampID: ICV/LCS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		4		**19**	20.00	0	97.2	90	110	02/22/2024

Batch R343454 **SampType:** MS Units **mg/L**
SampID: 24020001-075AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		4		**25**	20.00	6.640	92.2	85	115	02/22/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24020001

Client Project: COF-24Q1 **Report Date:** 09-Apr-24

SW-846 9251 (TOTAL)

Batch R343454 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24020001-075AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		4		**25**	20.00	6.640	92.6	25.07	0.32	02/22/2024

Batch R343454 **SampType:** MS Units **mg/L**
SampID: 24021615-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		4		**32**	20.00	14.19	88.8	85	115	02/22/2024

Batch R343454 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24021615-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		4		**32**	20.00	14.19	89.0	31.94	0.13	02/22/2024

Batch R343454 **SampType:** MS Units **mg/L**
SampID: 24021616-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		4		**28**	20.00	10.44	89.7	85	115	02/23/2024

Batch R343454 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24021616-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		4		**28**	20.00	10.44	89.8	28.38	0.04	02/23/2024

Batch R343643 **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	02/23/2024

Batch R343643 **SampType:** LCS Units **mg/L**
SampID: ICV/LCS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		4		**20**	20.00	0	98.4	90	110	02/23/2024

Batch R343643 **SampType:** MS Units **mg/L**
SampID: 24021615-004AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		20		**145**	100.0	43.79	100.8	85	115	02/23/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24020001

Client Project: COF-24Q1 **Report Date:** 09-Apr-24

SW-846 9251 (TOTAL)

Batch R343643 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24021615-004AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		20		**137**	100.0	43.79	93.2	144.6	5.40	02/23/2024

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

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

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 24020001
Client Project: COF-24Q1
Report Date: 09-Apr-24

SW-846 9251 (TOTAL)

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

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 (DISSOLVED)

Batch 218757 **SampType:** MS Units **mg/L**
SampID: 24020991-002FMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Arsenic		0.0250		**0.927**	1.000	0	92.7	75	125	02/16/2024
Barium		0.0025		**3.55**	4.000	0.1587	84.8	75	125	02/16/2024
Cadmium		0.0020		**0.0872**	0.1000	0	87.2	75	125	02/16/2024
Chromium		0.0050		**0.349**	0.4000	0	87.2	75	125	02/16/2024
Lead		0.0150		**0.867**	1.000	0	86.7	75	125	02/16/2024
Selenium		0.0400		**0.862**	1.000	0	86.2	75	125	02/16/2024
Silver		0.0070		**0.0861**	0.1000	0	86.1	75	125	02/16/2024

Batch 218757 **SampType:** MSD Units **mg/L** RPD Limit **20**
SampID: 24020991-002FMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Arsenic		0.0250		**0.928**	1.000	0	92.8	0.9269	0.09	02/16/2024
Barium		0.0025		**3.60**	4.000	0.1587	86.0	3.550	1.40	02/16/2024
Cadmium		0.0020		**0.0881**	0.1000	0	88.1	0.08720	1.03	02/16/2024
Chromium		0.0050		**0.350**	0.4000	0	87.5	0.3490	0.31	02/16/2024
Lead		0.0150		**0.870**	1.000	0	87.0	0.8666	0.33	02/16/2024
Selenium		0.0400		**0.868**	1.000	0	86.8	0.8615	0.76	02/16/2024
Silver		0.0070		**0.0865**	0.1000	0	86.5	0.08610	0.46	02/16/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll **Work Order:** 24020001

Client Project: COF-24Q1 **Report Date:** 09-Apr-24

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

Batch 218757 **SampType:** MS Units **mg/L**

SampID: 24020991-010DMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Arsenic		0.0250		**0.500**	0.5000	0	99.9	75	125	02/16/2024
Barium		0.0025		**1.96**	2.000	0.1497	90.5	75	125	02/16/2024
Cadmium		0.0020		**0.0455**	0.0500	0	91.0	75	125	02/16/2024
Chromium		0.0050		**0.182**	0.2000	0	91.2	75	125	02/16/2024
Lead		0.0150		**0.457**	0.5000	0	91.4	75	125	02/16/2024
Selenium		0.0400		**0.458**	0.5000	0	91.7	75	125	02/16/2024
Silver		0.0070		**0.0460**	0.0500	0	92.0	75	125	02/16/2024

Batch 218757 **SampType:** MSD Units **mg/L** RPD Limit **20**

SampID: 24020991-010DMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Arsenic		0.0250		**0.504**	0.5000	0	100.7	0.4997	0.80	02/16/2024
Barium		0.0025		**1.96**	2.000	0.1497	90.5	1.960	0.00	02/16/2024
Cadmium		0.0020		**0.0455**	0.0500	0	91.0	0.04550	0.00	02/16/2024
Chromium		0.0050		**0.184**	0.2000	0	91.9	0.1825	0.71	02/16/2024
Lead		0.0150		**0.459**	0.5000	0	91.8	0.4568	0.46	02/16/2024
Selenium		0.0400		**0.466**	0.5000	0	93.2	0.4583	1.64	02/16/2024
Silver		0.0070		**0.0460**	0.0500	0	92.0	0.04600	0.00	02/16/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll **Work Order:** 24020001

Client Project: COF-24Q1 **Report Date:** 09-Apr-24

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

Batch 218758 **SampType:** MBLK Units **mg/L**

SampID: MBLK-218758

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		0.0250		**< 0.0250**	0.0127	0	0	-100	100	02/16/2024
Antimony		0.0500		**< 0.0500**	0.0068	0	0	-100	100	02/16/2024
Arsenic		0.0250		**< 0.0250**	0.0087	0	0	-100	100	02/16/2024
Barium		0.0025		**< 0.0025**	0.0007	0	0	-100	100	02/16/2024
Beryllium		0.0005		**< 0.0005**	0.0002	0	0	-100	100	02/16/2024
Boron		0.0200		**< 0.0200**	0.0090	0	0	-100	100	02/16/2024
Cadmium		0.0020		**< 0.0020**	0.0005	0	0	-100	100	02/16/2024
Calcium		0.100		**< 0.100**	0.0350	0	0	-100	100	02/16/2024
Chromium		0.0050		**< 0.0050**	0.0028	0	0	-100	100	02/16/2024
Cobalt		0.0050		**< 0.0050**	0.0020	0	0	-100	100	02/16/2024
Copper		0.0050		**< 0.0050**	0.0013	0	0	-100	100	02/16/2024
Iron		0.0400		**< 0.0400**	0.0200	0	0	-100	100	02/16/2024
Lead		0.0150		**< 0.0150**	0.0014	0	0	-100	100	02/19/2024
Magnesium		0.0500		**< 0.0500**	0.0055	0	0	-100	100	02/16/2024
Manganese		0.0070		**< 0.0070**	0.0025	0	0	-100	100	02/16/2024
Molybdenum		0.0100		**< 0.0100**	0.0037	0	0	-100	100	02/16/2024
Nickel		0.0050		**< 0.0050**	0.0016	0	0	-100	100	02/16/2024
Potassium		0.100		**< 0.100**	0.0400	0	0	-100	100	02/16/2024
Selenium		0.0400		**< 0.0400**	0.0170	0	0	-100	100	02/16/2024
Silver		0.0070		**< 0.0070**	0.0027	0	0	-100	100	02/16/2024
Sodium		0.0500		**< 0.0500**	0.0180	0	0	-100	100	02/16/2024
Thallium		0.0500		**< 0.0500**	0.0111	0	0	-100	100	02/16/2024
Vanadium		0.0100		**< 0.0100**	0.0009	0	0	-100	100	02/16/2024
Zinc		0.0100		**< 0.0100**	0.0050	0	0	-100	100	02/16/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll **Work Order:** 24020001

Client Project: COF-24Q1 **Report Date:** 09-Apr-24

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

Batch 218758 **SampType:** LCS Units **mg/L**

SampID: LCS-218758

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		0.0250		**1.76**	2.000	0	87.9	85	115	02/16/2024
Antimony		0.0500		**0.452**	0.5000	0	90.5	85	115	02/16/2024
Arsenic		0.0250		**0.472**	0.5000	0	94.3	85	115	02/16/2024
Barium		0.0025		**1.82**	2.000	0	90.9	85	115	02/16/2024
Beryllium		0.0005		**0.0465**	0.0500	0	93.0	85	115	02/16/2024
Boron		0.0200		**0.449**	0.5000	0	89.7	85	115	02/16/2024
Cadmium		0.0020		**0.0467**	0.0500	0	93.4	85	115	02/16/2024
Calcium		0.100		**2.32**	2.500	0	92.7	85	115	02/16/2024
Chromium		0.0050		**0.180**	0.2000	0	89.9	85	115	02/16/2024
Cobalt		0.0050		**0.444**	0.5000	0	88.8	85	115	02/16/2024
Copper		0.0050		**0.230**	0.2500	0	92.2	85	115	02/16/2024
Iron		0.0400		**1.81**	2.000	0	90.6	85	115	02/16/2024
Lead		0.0150		**0.450**	0.5000	0	90.0	85	115	02/16/2024
Magnesium		0.0500		**2.14**	2.500	0	85.8	85	115	02/16/2024
Manganese		0.0070		**0.450**	0.5000	0	90.1	85	115	02/16/2024
Molybdenum		0.0100		**0.435**	0.5000	0	87.0	85	115	02/16/2024
Nickel		0.0050		**0.451**	0.5000	0	90.1	85	115	02/16/2024
Potassium		0.100		**2.46**	2.500	0	98.4	85	115	02/16/2024
Selenium		0.0400		**0.450**	0.5000	0	90.1	85	115	02/16/2024
Silver		0.0070		**0.0458**	0.0500	0	91.6	85	115	02/16/2024
Sodium		0.0500		**2.29**	2.500	0	91.7	85	115	02/16/2024
Thallium		0.0500		**0.225**	0.2500	0	90.1	85	115	02/16/2024
Vanadium		0.0100		**0.447**	0.5000	0	89.5	85	115	02/16/2024
Zinc		0.0100		**0.453**	0.5000	0	90.5	85	115	02/16/2024

Batch 218758 **SampType:** MS Units **mg/L**

SampID: 24020991-012DMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Arsenic		0.0250		**0.896**	1.000	0	89.6	75	125	02/16/2024
Barium		0.0025		**3.55**	4.000	0.2069	83.6	75	125	02/16/2024
Cadmium		0.0020		**0.0907**	0.1000	0.005600	85.1	75	125	02/16/2024
Chromium		0.0050		**0.342**	0.4000	0	85.4	75	125	02/16/2024
Lead		0.0150		**0.842**	1.000	0	84.2	75	125	02/16/2024
Selenium		0.0400		**0.850**	1.000	0	85.0	75	125	02/16/2024
Silver		0.0070		**0.0854**	0.1000	0	85.4	75	125	02/16/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 24020001
Client Project: COF-24Q1
Report Date: 09-Apr-24

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

Batch 218758 **SampType:** MSD Units **mg/L** RPD Limit **20**
SampID: 24020991-012DMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Arsenic		0.0250		**0.929**	1.000	0	92.9	0.8958	3.62	02/16/2024
Barium		0.0025		**3.67**	4.000	0.2069	86.6	3.550	3.32	02/16/2024
Cadmium		0.0020		**0.0935**	0.1000	0.005600	87.9	0.09070	3.04	02/16/2024
Chromium		0.0050		**0.354**	0.4000	0	88.5	0.3416	3.59	02/16/2024
Lead		0.0150		**0.875**	1.000	0	87.5	0.8421	3.79	02/16/2024
Selenium		0.0400		**0.878**	1.000	0	87.8	0.8496	3.28	02/16/2024
Silver		0.0070		**0.0883**	0.1000	0	88.3	0.08540	3.34	02/16/2024

Batch 218795 **SampType:** MBLK Units **mg/L**
SampID: MBLK-218795

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Arsenic		0.0250		**< 0.0250**	0.0087	0	0	-100	100	02/26/2024
Barium		0.0025		**< 0.0025**	0.0007	0	0	-100	100	02/26/2024
Cadmium		0.0020		**< 0.0020**	0.0005	0	0	-100	100	02/26/2024
Calcium		0.100		**< 0.100**	0.0350	0	0	-100	100	02/26/2024
Chromium		0.0050		**< 0.0050**	0.0028	0	0	-100	100	02/26/2024
Lead		0.0150		**< 0.0150**	0.0014	0	0	-100	100	02/26/2024
Magnesium		0.0500		**< 0.0500**	0.0055	0	0	-100	100	02/26/2024
Potassium		0.100		**< 0.100**	0.0400	0	0	-100	100	02/26/2024
Selenium		0.0400		**< 0.0400**	0.0170	0	0	-100	100	02/26/2024
Silver		0.0070		**< 0.0070**	0.0027	0	0	-100	100	02/26/2024
Sodium		0.0500		**< 0.0500**	0.0180	0	0	-100	100	02/26/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll **Work Order:** 24020001

Client Project: COF-24Q1 **Report Date:** 09-Apr-24

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

Batch 218795 **SampType:** LCS Units **mg/L**
SampID: LCS-218795

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Arsenic		0.0250		**0.503**	0.5000	0	100.7	85	115	02/26/2024
Barium		0.0025		**1.95**	2.000	0	97.5	85	115	02/26/2024
Cadmium		0.0020		**0.0445**	0.0500	0	89.0	85	115	02/26/2024
Calcium		0.100		**2.55**	2.500	0	102.1	85	115	02/26/2024
Chromium		0.0050		**0.200**	0.2000	0	100.0	85	115	02/26/2024
Lead		0.0150		**0.489**	0.5000	0	97.7	85	115	02/26/2024
Magnesium		0.0500		**2.44**	2.500	0	97.6	85	115	02/26/2024
Potassium		0.100		**2.69**	2.500	0	107.5	85	115	02/26/2024
Selenium		0.0400		**0.484**	0.5000	0	96.9	85	115	02/26/2024
Silver		0.0070		**0.0500**	0.0500	0	100.0	85	115	02/26/2024
Sodium		0.0500		**2.54**	2.500	0	101.5	85	115	02/26/2024

Batch 218795 **SampType:** MS Units **mg/L**
SampID: 24021494-003FMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Arsenic		0.0250		**0.523**	0.5000	0.01610	101.5	75	125	02/26/2024
Barium		0.0025		**2.18**	2.000	0.3081	93.6	75	125	02/26/2024
Cadmium		0.0020		**0.0422**	0.0500	0	84.4	75	125	02/26/2024
Chromium		0.0050		**0.196**	0.2000	0	98.1	75	125	02/26/2024
Lead		0.0150		**0.470**	0.5000	0	94.0	75	125	02/26/2024
Selenium		0.0400		**0.495**	0.5000	0	98.9	75	125	02/26/2024
Silver		0.0070		**0.0517**	0.0500	0	103.4	75	125	02/26/2024

Batch 218795 **SampType:** MSD Units **mg/L** RPD Limit **20**
SampID: 24021494-003FMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Arsenic		0.0250		**0.528**	0.5000	0.01610	102.3	0.5234	0.80	02/26/2024
Barium		0.0025		**2.16**	2.000	0.3081	92.6	2.180	0.92	02/26/2024
Cadmium		0.0020		**0.0426**	0.0500	0	85.2	0.04220	0.94	02/26/2024
Chromium		0.0050		**0.197**	0.2000	0	98.4	0.1962	0.31	02/26/2024
Lead		0.0150		**0.472**	0.5000	0	94.5	0.4702	0.45	02/26/2024
Selenium		0.0400		**0.505**	0.5000	0	101.0	0.4946	2.12	02/26/2024
Silver		0.0070		**0.0515**	0.0500	0	103.0	0.05170	0.39	02/26/2024

Teklab, Inc.
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Quality Control Results

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Client: Ramboll **Work Order:** 24020001

Client Project: COF-24Q1 **Report Date:** 09-Apr-24

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

Batch 218861 **SampType:** MBLK Units **mg/L**
SampID: MBLK-218861

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	02/19/2024
Magnesium		0.050		**< 0.050**	0.0055	0	0	-100	100	02/19/2024
Potassium		0.100		**< 0.100**	0.0400	0	0	-100	100	02/19/2024
Sodium		0.050		**< 0.050**	0.0180	0	0	-100	100	02/19/2024

Batch 218861 **SampType:** LCS Units **mg/L**
SampID: LCS-218861

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		**2.35**	2.500	0	94.2	85	115	02/19/2024
Magnesium		0.050		**2.14**	2.500	0	85.7	85	115	02/19/2024
Potassium		0.100		**2.42**	2.500	0	96.7	85	115	02/19/2024
Sodium		0.050		**2.40**	2.500	0	96.1	85	115	02/19/2024

Batch 218861 **SampType:** MS Units **mg/L**
SampID: 24020001-086DMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100	S	**68.8**	2.500	67.17	66.0	75	125	02/19/2024
Magnesium		0.050		**33.0**	2.500	31.06	77.8	75	125	02/19/2024
Potassium		0.100		**3.07**	2.500	0.5319	101.3	75	125	02/19/2024
Sodium		0.050	S	**59.3**	2.500	58.04	51.2	75	125	02/19/2024

Batch 218861 **SampType:** MSD Units **mg/L** RPD Limit **20**
SampID: 24020001-086DMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Calcium		0.100		**69.2**	2.500	67.17	79.6	68.82	0.49	02/19/2024
Magnesium		0.050		**33.1**	2.500	31.06	79.8	33.01	0.15	02/19/2024
Potassium		0.100		**3.06**	2.500	0.5319	101.3	3.065	0.06	02/19/2024
Sodium		0.050	S	**59.5**	2.500	58.04	58.4	59.32	0.30	02/19/2024

Batch 218862 **SampType:** MBLK Units **mg/L**
SampID: MBLK-218862

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	02/19/2024
Magnesium		0.0500		**< 0.0500**	0.0055	0	0	-100	100	02/19/2024
Potassium		0.100		**< 0.100**	0.0400	0	0	-100	100	02/19/2024
Sodium		0.0500		**< 0.0500**	0.0180	0	0	-100	100	02/19/2024

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Quality Control Results

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Client: Ramboll **Work Order:** 24020001

Client Project: COF-24Q1 **Report Date:** 09-Apr-24

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

Batch 218862 **SampType:** LCS Units **mg/L**
SampID: LCS-218862

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		**2.42**	2.500	0	96.6	85	115	02/19/2024
Magnesium		0.0500		**2.24**	2.500	0	89.4	85	115	02/19/2024
Potassium		0.100		**2.48**	2.500	0	99.1	85	115	02/19/2024
Sodium		0.0500		**2.44**	2.500	0	97.4	85	115	02/19/2024

Batch 218862 **SampType:** MS Units **mg/L**
SampID: 24020001-098DMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100	S	**81.8**	2.500	80.48	53.2	75	125	02/19/2024
Magnesium		0.050	S	**35.1**	2.500	33.51	62.4	75	125	02/19/2024
Potassium		0.100		**2.94**	2.500	0.4292	100.3	75	125	02/19/2024
Sodium		0.050	S	**61.8**	2.500	60.92	33.2	75	125	02/19/2024

Batch 218862 **SampType:** MSD Units **mg/L** RPD Limit **20**
SampID: 24020001-098DMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Calcium		0.100	S	**81.8**	2.500	80.48	54.4	81.81	0.04	02/19/2024
Magnesium		0.050	S	**35.2**	2.500	33.51	67.6	35.07	0.37	02/19/2024
Potassium		0.100		**2.93**	2.500	0.4292	100.1	2.938	0.18	02/19/2024
Sodium		0.050	S	**61.6**	2.500	60.92	27.6	61.75	0.23	02/19/2024

Batch 219032 **SampType:** MBLK Units **mg/L**
SampID: MBLK-219032

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	02/22/2024
Magnesium		0.050		**< 0.050**	0.0055	0	0	-100	100	02/22/2024
Potassium		0.100		**< 0.100**	0.0400	0	0	-100	100	02/22/2024
Sodium		0.050		**< 0.050**	0.0180	0	0	-100	100	02/22/2024

Batch 219032 **SampType:** LCS Units **mg/L**
SampID: LCS-219032

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		**2.44**	2.500	0	97.7	85	115	02/22/2024
Magnesium		0.050		**2.33**	2.500	0	93.1	85	115	02/22/2024
Potassium		0.100		**2.57**	2.500	0	102.7	85	115	02/22/2024
Sodium		0.050		**2.46**	2.500	0	98.3	85	115	02/22/2024

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Client: Ramboll **Work Order:** 24020001

Client Project: COF-24Q1 **Report Date:** 09-Apr-24

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

Batch 218746 **SampType:** MBLK Units **mg/L**
SampID: MBLK-218746

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	02/15/2024
Magnesium		0.0500		**< 0.0500**	0.0055	0	0	-100	100	02/15/2024
Potassium		0.100		**< 0.100**	0.0400	0	0	-100	100	02/15/2024
Sodium		0.0500		**< 0.0500**	0.0180	0	0	-100	100	02/15/2024

Batch 218746 **SampType:** LCS Units **mg/L**
SampID: LCS-218746

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		**2.44**	2.500	0	97.6	85	115	02/15/2024
Magnesium		0.0500		**2.46**	2.500	0	98.6	85	115	02/15/2024
Potassium		0.100		**2.53**	2.500	0	101.3	85	115	02/15/2024
Sodium		0.0500		**2.39**	2.500	0	95.4	85	115	02/15/2024

Batch 218746 **SampType:** MS Units **mg/L**
SampID: 24020001-032CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		**145**	2.500	143.2	90.4	75	125	02/15/2024
Magnesium		0.050		**56.2**	2.500	53.60	103.3	75	125	02/15/2024
Potassium		0.100		**3.14**	2.500	0.6563	99.4	75	125	02/15/2024
Sodium		0.050	S	**73.5**	2.500	71.89	66.0	75	125	02/15/2024

Batch 218746 **SampType:** MSD Units **mg/L** RPD Limit **20**
SampID: 24020001-032CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Calcium		0.100	S	**145**	2.500	143.2	52.8	145.5	0.65	02/15/2024
Magnesium		0.050	S	**55.3**	2.500	53.60	68.4	56.18	1.57	02/15/2024
Potassium		0.100		**3.10**	2.500	0.6563	97.9	3.142	1.18	02/15/2024
Sodium		0.050	S	**73.6**	2.500	71.89	68.8	73.54	0.10	02/15/2024

Batch 218807 **SampType:** MBLK Units **mg/L**
SampID: MBLK-218807

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	02/16/2024
Magnesium		0.0500		**< 0.0500**	0.0055	0	0	-100	100	02/16/2024
Potassium		0.100		**< 0.100**	0.0400	0	0	-100	100	02/16/2024
Sodium		0.0500		**< 0.0500**	0.0180	0	0	-100	100	02/16/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24020001

Client Project: COF-24Q1 **Report Date:** 09-Apr-24

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

Batch 218807 **SampType:** LCS Units **mg/L**
SampID: LCS-218807

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		**2.38**	2.500	0	95.3	85	115	02/16/2024
Magnesium		0.0500		**2.29**	2.500	0	91.7	85	115	02/16/2024
Potassium		0.100		**2.51**	2.500	0	100.4	85	115	02/16/2024
Sodium		0.0500		**2.34**	2.500	0	93.7	85	115	02/16/2024

Batch 218807 **SampType:** MS Units **mg/L**
SampID: 24020001-005CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100	S	**83.3**	2.500	82.90	16.4	75	125	02/16/2024
Magnesium		0.050	S	**37.5**	2.500	35.99	60.2	75	125	02/16/2024
Potassium		0.100		**3.07**	2.500	0.5439	101.1	75	125	02/16/2024
Sodium		0.050	S	**62.4**	2.500	61.82	22.4	75	125	02/16/2024

Batch 218807 **SampType:** MSD Units **mg/L** RPD Limit **20**
SampID: 24020001-005CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Calcium		0.100	S	**86.2**	2.500	82.90	131.2	83.31	3.39	02/16/2024
Magnesium		0.050		**39.1**	2.500	35.99	123.7	37.49	4.14	02/16/2024
Potassium		0.100		**3.13**	2.500	0.5439	103.3	3.070	1.80	02/16/2024
Sodium		0.050		**64.3**	2.500	61.82	99.2	62.38	3.03	02/16/2024

Batch 218807 **SampType:** MS Units **mg/L**
SampID: 24020001-060BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100	S	**172**	2.500	172.4	1.6	75	125	02/16/2024
Magnesium		0.050	S	**145**	2.500	144.3	39.7	75	125	02/16/2024
Potassium		0.100		**4.53**	2.500	1.975	102.4	75	125	02/16/2024
Sodium		0.050	S	**164**	2.500	163.5	23.6	75	125	02/16/2024

Batch 218807 **SampType:** MSD Units **mg/L** RPD Limit **20**
SampID: 24020001-060BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Calcium		0.100	S	**170**	2.500	172.4	-92.0	172.4	1.37	02/16/2024
Magnesium		0.050	S	**143**	2.500	144.3	-70.1	145.3	1.91	02/16/2024
Potassium		0.100		**4.45**	2.500	1.975	99.0	4.534	1.87	02/16/2024
Sodium		0.050	S	**162**	2.500	163.5	-54.4	164.1	1.20	02/16/2024

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Environmental Laboratory

Quality Control Results

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Client: Ramboll **Work Order:** 24020001

Client Project: COF-24Q1 **Report Date:** 09-Apr-24

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

Batch 218847 **SampType:** MBLK Units **mg/L**
SampID: MBLK-218847

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	02/19/2024
Magnesium		0.050		**< 0.050**	0.0055	0	0	-100	100	02/19/2024
Potassium		0.100		**< 0.100**	0.0400	0	0	-100	100	02/19/2024
Sodium		0.050		**< 0.050**	0.0180	0	0	-100	100	02/19/2024

Batch 218847 **SampType:** LCS Units **mg/L**
SampID: LCS-218847

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		**2.59**	2.500	0	103.4	85	115	02/19/2024
Magnesium		0.050		**2.45**	2.500	0	98.1	85	115	02/19/2024
Potassium		0.100		**2.78**	2.500	0	111.3	85	115	02/19/2024
Sodium		0.050		**2.71**	2.500	0	108.2	85	115	02/19/2024

Batch 218847 **SampType:** MS Units **mg/L**
SampID: 24020001-015CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100	S	**99.9**	2.500	99.30	23.2	75	125	02/19/2024
Magnesium		0.050		**45.6**	2.500	43.53	82.2	75	125	02/19/2024
Potassium		0.100		**3.46**	2.500	0.6384	112.7	75	125	02/19/2024
Sodium		0.050		**43.3**	2.500	41.19	83.2	75	125	02/19/2024

Batch 218847 **SampType:** MSD Units **mg/L** RPD Limit **20**
SampID: 24020001-015CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Calcium		0.100	S	**99.4**	2.500	99.30	4.4	99.88	0.47	02/19/2024
Magnesium		0.050		**45.4**	2.500	43.53	76.0	45.59	0.34	02/19/2024
Potassium		0.100		**3.44**	2.500	0.6384	112.0	3.457	0.57	02/19/2024
Sodium		0.050	S	**42.9**	2.500	41.19	66.8	43.27	0.95	02/19/2024

Batch 218847 **SampType:** MS Units **mg/L**
SampID: 24020001-071BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		**146**	2.500	142.9	110.8	75	125	02/19/2024
Magnesium		0.050		**66.8**	2.500	63.69	123.5	75	125	02/19/2024
Potassium		0.100		**3.24**	2.500	0.2952	117.8	75	125	02/19/2024
Sodium		0.050	S	**117**	2.500	113.4	135.6	75	125	02/19/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

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Client: Ramboll
Work Order: 24020001
Client Project: COF-24Q1
Report Date: 09-Apr-24

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

Batch 218847 **SampType:** MSD Units **mg/L** RPD Limit **20**
SampID: 24020001-071BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Calcium		0.100	S	**149**	2.500	142.9	238.0	145.6	2.16	02/19/2024
Magnesium		0.050	S	**68.0**	2.500	63.69	172.2	66.77	1.81	02/19/2024
Potassium		0.100		**3.25**	2.500	0.2952	118.2	3.241	0.24	02/19/2024
Sodium		0.050	S	**119**	2.500	113.4	238.0	116.8	2.17	02/19/2024

Batch 218873 **SampType:** MBLK Units **mg/L**
SampID: MBLK-218873

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	02/20/2024
Magnesium		0.0500		**< 0.0500**	0.0055	0	0	-100	100	02/20/2024
Potassium		0.100		**< 0.100**	0.0400	0	0	-100	100	02/20/2024
Sodium		0.0500		**< 0.0500**	0.0180	0	0	-100	100	02/20/2024

Batch 218873 **SampType:** LCS Units **mg/L**
SampID: LCS-218873

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		**2.57**	2.500	0	102.8	85	115	02/20/2024
Magnesium		0.0500		**2.46**	2.500	0	98.3	85	115	02/20/2024
Potassium		0.100		**2.57**	2.500	0	103.0	85	115	02/20/2024
Sodium		0.0500		**2.52**	2.500	0	100.9	85	115	02/20/2024

Batch 218955 **SampType:** MBLK Units **mg/L**
SampID: MBLK-218955

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	02/21/2024
Magnesium		0.0500		**< 0.0500**	0.0055	0	0	-100	100	02/21/2024
Potassium		0.100		**< 0.100**	0.0400	0	0	-100	100	02/21/2024
Sodium		0.0500		**< 0.0500**	0.0180	0	0	-100	100	02/21/2024

Batch 218955 **SampType:** LCS Units **mg/L**
SampID: LCS-218955

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		**2.50**	2.500	0	100.1	85	115	02/21/2024
Magnesium		0.0500		**2.34**	2.500	0	93.5	85	115	02/21/2024
Potassium		0.100		**2.63**	2.500	0	105.0	85	115	02/21/2024
Sodium		0.0500		**2.50**	2.500	0	100.1	85	115	02/21/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll **Work Order:** 24020001

Client Project: COF-24Q1 **Report Date:** 09-Apr-24

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

Batch 218955 **SampType:** MS Units **mg/L**
SampID: 24020001-045CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		**170**	2.500	167.8	89.6	75	125	02/21/2024
Magnesium		0.050		**86.3**	2.500	84.20	82.2	75	125	02/21/2024
Potassium		0.100		**3.32**	2.500	0.7228	104.0	75	125	02/21/2024
Sodium		0.050		**101**	2.500	98.81	103.2	75	125	02/21/2024

Batch 218955 **SampType:** MSD Units **mg/L** RPD Limit **20**
SampID: 24020001-045CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Calcium		0.100	S	**177**	2.500	167.8	361.2	170.0	3.92	02/21/2024
Magnesium		0.050	S	**89.3**	2.500	84.20	205.7	86.25	3.51	02/21/2024
Potassium		0.100		**3.38**	2.500	0.7228	106.1	3.324	1.54	02/21/2024
Sodium		0.050	S	**106**	2.500	98.81	273.2	101.4	4.11	02/21/2024

Batch 218955 **SampType:** MS Units **mg/L**
SampID: 24020001-100CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100	S	**169**	2.500	168.2	45.2	75	125	02/21/2024
Magnesium		0.050		**87.1**	2.500	84.91	86.4	75	125	02/21/2024
Potassium		0.100		**3.27**	2.500	0.5409	109.0	75	125	02/21/2024
Sodium		0.050		**105**	2.500	102.5	111.6	75	125	02/21/2024

Batch 218955 **SampType:** MSD Units **mg/L** RPD Limit **20**
SampID: 24020001-100CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Calcium		0.100	S	**172**	2.500	168.2	142.4	169.3	1.43	02/21/2024
Magnesium		0.050	S	**88.4**	2.500	84.91	139.0	87.07	1.50	02/21/2024
Potassium		0.100		**3.26**	2.500	0.5409	108.6	3.265	0.25	02/21/2024
Sodium		0.050	S	**106**	2.500	102.5	132.8	105.3	0.50	02/21/2024

Batch 219022 **SampType:** MBLK Units **mg/L**
SampID: MBLK-219022

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	02/22/2024
Magnesium		0.050		**< 0.050**	0.0055	0	0	-100	100	02/22/2024
Potassium		0.100		**< 0.100**	0.0400	0	0	-100	100	02/22/2024
Sodium		0.050		**< 0.050**	0.0180	0	0	-100	100	02/22/2024

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Client: Ramboll **Work Order:** 24020001

Client Project: COF-24Q1 **Report Date:** 09-Apr-24

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

Batch 219022 **SampType:** LCS Units **mg/L**
SampID: LCS-219022

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		**2.47**	2.500	0	98.6	85	115	02/22/2024
Magnesium		0.050		**2.39**	2.500	0	95.6	85	115	02/22/2024
Potassium		0.100		**2.52**	2.500	0	100.8	85	115	02/22/2024
Sodium		0.050		**2.44**	2.500	0	97.6	85	115	02/22/2024

Batch 219022 **SampType:** MS Units **mg/L**
SampID: 24020001-052CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100	S	**550**	2.500	569.3	-758.4	75	125	02/22/2024
Magnesium		0.050	S	**411**	2.500	424.0	-532.9	75	125	02/22/2024
Potassium		0.100		**4.39**	2.500	1.673	108.5	75	125	02/22/2024
Sodium		0.050	S	**232**	2.500	236.7	-198.8	75	125	02/22/2024

Batch 219022 **SampType:** MSD Units **mg/L** RPD Limit **20**
SampID: 24020001-052CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Calcium		0.100	S	**568**	2.500	569.3	-35.2	550.4	3.23	02/22/2024
Magnesium		0.050	S	**429**	2.500	424.0	203.9	410.6	4.39	02/22/2024
Potassium		0.100		**4.48**	2.500	1.673	112.5	4.385	2.23	02/22/2024
Sodium		0.050		**240**	2.500	236.7	122.0	231.7	3.40	02/22/2024

Batch 219022 **SampType:** MS Units **mg/L**
SampID: 24020001-079BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100	S	**301**	2.500	284.7	630.8	75	125	02/22/2024
Magnesium		0.050	S	**201**	2.500	189.3	454.5	75	125	02/22/2024
Potassium		0.100		**5.96**	2.500	3.082	115.0	75	125	02/22/2024
Sodium		0.050	S	**90.0**	2.500	82.97	281.6	75	125	02/22/2024

Batch 219022 **SampType:** MSD Units **mg/L** RPD Limit **20**
SampID: 24020001-079BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Calcium		0.100	S	**302**	2.500	284.7	696.0	300.5	0.54	02/22/2024
Magnesium		0.050	S	**202**	2.500	189.3	519.7	200.6	0.81	02/22/2024
Potassium		0.100		**5.88**	2.500	3.082	111.8	5.955	1.33	02/22/2024
Sodium		0.050	S	**89.1**	2.500	82.97	245.6	90.01	1.00	02/22/2024

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Client: Ramboll **Work Order:** 24020001

Client Project: COF-24Q1 **Report Date:** 09-Apr-24

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

Batch 219043 **SampType:** MBLK Units **mg/L**
SampID: MBLK-219043

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	02/23/2024
Magnesium		0.0500		**< 0.0500**	0.0055	0	0	-100	100	02/23/2024
Potassium		0.100		**< 0.100**	0.0400	0	0	-100	100	02/23/2024
Sodium		0.0500		**< 0.0500**	0.0180	0	0	-100	100	02/23/2024

Batch 219043 **SampType:** LCS Units **mg/L**
SampID: LCS-219043

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		**2.49**	2.500	0	99.5	85	115	02/23/2024
Magnesium		0.0500		**2.38**	2.500	0	95.2	85	115	02/23/2024
Potassium		0.100		**2.62**	2.500	0	104.6	85	115	02/23/2024
Sodium		0.0500		**2.49**	2.500	0	99.4	85	115	02/23/2024

Batch 219043 **SampType:** MS Units **mg/L**
SampID: 24020001-097CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		**2.55**	2.500	0	102.1	75	125	02/23/2024
Magnesium		0.050		**2.48**	2.500	0.01490	98.6	75	125	02/23/2024
Potassium		0.100		**2.64**	2.500	0	105.6	75	125	02/23/2024
Sodium		0.050		**2.53**	2.500	0.02920	100.1	75	125	02/23/2024

Batch 219043 **SampType:** MSD Units **mg/L** RPD Limit **20**
SampID: 24020001-097CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Calcium		0.100		**2.43**	2.500	0	97.3	2.552	4.83	02/23/2024
Magnesium		0.050		**2.35**	2.500	0.01490	93.5	2.480	5.27	02/23/2024
Potassium		0.100		**2.54**	2.500	0	101.6	2.641	3.91	02/23/2024
Sodium		0.050		**2.43**	2.500	0.02920	95.9	2.532	4.23	02/23/2024

Batch 219043 **SampType:** MS Units **mg/L**
SampID: 24020001-099CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100	S	**91.2**	2.500	86.93	168.8	75	125	02/23/2024
Magnesium		0.050		**41.6**	2.500	38.80	113.4	75	125	02/23/2024
Potassium		0.100		**3.40**	2.500	0.7239	107.2	75	125	02/23/2024
Sodium		0.050	S	**59.5**	2.500	56.20	131.6	75	125	02/23/2024

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Client: Ramboll **Work Order:** 24020001

Client Project: COF-24Q1 **Report Date:** 09-Apr-24

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

Batch 219043 **SampType:** MSD Units **mg/L** RPD Limit **20**
SampID: 24020001-099CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Calcium		0.100	S	**88.4**	2.500	86.93	60.8	91.15	3.01	02/23/2024
Magnesium		0.050	S	**40.3**	2.500	38.80	58.1	41.64	3.38	02/23/2024
Potassium		0.100		**3.29**	2.500	0.7239	102.6	3.403	3.45	02/23/2024
Sodium		0.050	S	**58.0**	2.500	56.20	71.6	59.49	2.55	02/23/2024

Batch 219088 **SampType:** MBLK Units **mg/L**
SampID: MBLK-219088

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		**< 0.100**	0.0350	0	0	-100	100	02/23/2024
Magnesium		0.0500		**< 0.0500**	0.0055	0	0	-100	100	02/23/2024
Potassium		0.100		**< 0.100**	0.0400	0	0	-100	100	02/23/2024
Sodium		0.0500		**< 0.0500**	0.0180	0	0	-100	100	02/23/2024

Batch 219088 **SampType:** LCS Units **mg/L**
SampID: LCS-219088

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		**2.47**	2.500	0	98.8	85	115	02/23/2024
Magnesium		0.0500		**2.38**	2.500	0	95.2	85	115	02/23/2024
Potassium		0.100		**2.61**	2.500	0	104.3	85	115	02/23/2024
Sodium		0.0500		**2.48**	2.500	0	99.1	85	115	02/23/2024

Batch 219088 **SampType:** MS Units **mg/L**
SampID: 24020001-103CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		**2.81**	2.500	0.1475	106.4	75	125	02/27/2024
Magnesium		0.050		**2.61**	2.500	0.03610	102.9	75	125	02/27/2024
Potassium		0.100		**2.72**	2.500	0	108.6	75	125	02/27/2024
Sodium		0.050		**2.65**	2.500	0.03790	104.5	75	125	02/27/2024

Batch 219088 **SampType:** MSD Units **mg/L** RPD Limit **20**
SampID: 24020001-103CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Calcium		0.100		**2.75**	2.500	0.1475	103.9	2.807	2.21	02/27/2024
Magnesium		0.050		**2.57**	2.500	0.03610	101.4	2.608	1.39	02/27/2024
Potassium		0.100		**2.71**	2.500	0	108.3	2.716	0.33	02/27/2024
Sodium		0.050		**2.63**	2.500	0.03790	103.7	2.650	0.68	02/27/2024

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Quality Control Results

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Client: Ramboll **Work Order:** 24020001

Client Project: COF-24Q1 **Report Date:** 09-Apr-24

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

Batch 219088 **SampType:** MS Units **mg/L**
SampID: 24021534-003CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100	S	**103**	2.500	97.35	228.8	75	125	02/23/2024
Magnesium		0.0500		**20.6**	2.500	17.98	105.7	75	125	02/23/2024
Potassium		0.500		**13.8**	2.500	11.50	93.9	75	125	02/27/2024
Sodium		0.0500	S	**163**	2.500	156.6	264.4	75	125	02/23/2024

Batch 219088 **SampType:** MSD Units **mg/L** RPD Limit **20**
SampID: 24021534-003CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Calcium		0.100	S	**103**	2.500	97.35	226.8	103.1	0.05	02/23/2024
Magnesium		0.0500		**20.7**	2.500	17.98	109.2	20.62	0.43	02/23/2024
Potassium		0.500		**13.8**	2.500	11.50	91.6	13.85	0.40	02/27/2024
Sodium		0.0500	S	**162**	2.500	156.6	213.6	163.2	0.78	02/23/2024

Batch 219117 **SampType:** MBLK Units **mg/L**
SampID: MBLK-219117

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	02/26/2024
Magnesium		0.0500		**< 0.0500**	0.0055	0	0	-100	100	02/26/2024
Potassium		0.100		**< 0.100**	0.0400	0	0	-100	100	02/26/2024
Sodium		0.0500		**< 0.0500**	0.0180	0	0	-100	100	02/26/2024

Batch 219117 **SampType:** LCS Units **mg/L**
SampID: LCS-219117

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		**2.52**	2.500	0	100.6	85	115	02/26/2024
Magnesium		0.0500		**2.40**	2.500	0	95.9	85	115	02/26/2024
Potassium		0.100		**2.61**	2.500	0	104.2	85	115	02/26/2024
Sodium		0.0500		**2.43**	2.500	0	97.1	85	115	02/26/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

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Client: Ramboll **Work Order:** 24020001

Client Project: COF-24Q1 **Report Date:** 09-Apr-24

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

Batch 219145 **SampType:** MBLK Units **mg/L**
SampID: MBLK-219145

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	02/28/2024
Iron		0.0400		**< 0.0400**	0.0200	0	0	-100	100	02/28/2024
Magnesium		0.0500		**< 0.0500**	0.0055	0	0	-100	100	02/28/2024
Potassium		0.100		**< 0.100**	0.0400	0	0	-100	100	02/28/2024
Sodium		0.0500		**< 0.0500**	0.0180	0	0	-100	100	02/28/2024

Batch 219145 **SampType:** LCS Units **mg/L**
SampID: LCS-219145

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		**2.54**	2.500	0	101.6	85	115	02/28/2024
Iron		0.0400		**2.09**	2.000	0	104.5	85	115	02/28/2024
Magnesium		0.0500		**2.45**	2.500	0	98.1	85	115	02/28/2024
Potassium		0.100		**2.57**	2.500	0	102.7	85	115	02/28/2024
Sodium		0.0500		**2.57**	2.500	0	102.9	85	115	02/28/2024

Batch 219145 **SampType:** MS Units **mg/L**
SampID: 24020001-083BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.500		**28.0**	2.500	25.70	92.0	75	125	02/29/2024
Magnesium		0.050		**2.34**	2.500	0	93.5	75	125	02/28/2024
Potassium		10.0	S	**270**	2.500	265.0	190.4	75	125	02/29/2024
Sodium		5.00	S	**3920**	2.500	3853	2760	75	125	02/29/2024

Batch 219145 **SampType:** MSD Units **mg/L** RPD Limit **20**
SampID: 24020001-083BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Calcium		0.500		**28.0**	2.500	25.70	90.0	28.00	0.18	02/29/2024
Magnesium		0.050		**2.38**	2.500	0	95.2	2.337	1.82	02/28/2024
Potassium		10.0	S	**269**	2.500	265.0	171.6	269.8	0.17	02/29/2024
Sodium		5.00	S	**3910**	2.500	3853	2400	3922	0.23	02/29/2024

Batch 219145 **SampType:** MS Units **mg/L**
SampID: 24021616-002BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Iron		0.0400		**2.55**	2.000	0.4931	102.8	75	125	02/28/2024
Sodium		0.0500	S	**16.8**	2.500	15.12	65.2	75	125	02/28/2024

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Quality Control Results

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Client: Ramboll
Work Order: 24020001
Client Project: COF-24Q1
Report Date: 09-Apr-24

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

Batch 219145 **SampType:** MSD Units **mg/L** RPD Limit **20**
SampID: 24021616-002BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Iron		0.0400		**2.62**	2.000	0.4931	106.3	2.550	2.71	02/28/2024
Sodium		0.0500	S	**16.8**	2.500	15.12	67.6	16.75	0.36	02/28/2024

Batch 219339 **SampType:** MBLK Units **mg/L**
SampID: MBLK-219339

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	03/01/2024
Magnesium		0.0500		**< 0.0500**	0.0070	0	0	-100	100	03/01/2024
Potassium		0.100		**< 0.100**	0.0400	0	0	-100	100	03/01/2024
Sodium		0.0500		**< 0.0500**	0.0180	0	0	-100	100	03/01/2024

Batch 219339 **SampType:** LCS Units **mg/L**
SampID: LCS-219339

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		**2.46**	2.500	0	98.3	85	115	03/01/2024
Magnesium		0.0500		**2.39**	2.500	0	95.6	85	115	03/01/2024
Potassium		0.100		**2.61**	2.500	0	104.5	85	115	03/01/2024
Sodium		0.0500		**2.52**	2.500	0	100.7	85	115	03/01/2024

Batch 219339 **SampType:** MS Units **mg/L**
SampID: 24021482-005BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		**179**	2.500	176.5	107.6	75	125	03/01/2024
Magnesium		0.050		**55.4**	2.500	53.19	86.6	75	125	03/01/2024
Potassium		0.100		**5.17**	2.500	2.583	103.4	75	125	03/01/2024
Sodium		0.050		**40.0**	2.500	37.82	86.8	75	125	03/01/2024

Batch 219339 **SampType:** MSD Units **mg/L** RPD Limit **20**
SampID: 24021482-005BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Calcium		0.100	S	**174**	2.500	176.5	-100.8	179.2	2.95	03/01/2024
Magnesium		0.050	S	**54.1**	2.500	53.19	35.8	55.36	2.32	03/01/2024
Potassium		0.100		**5.05**	2.500	2.583	98.6	5.167	2.33	03/01/2024
Sodium		0.050	S	**38.9**	2.500	37.82	43.2	39.99	2.76	03/01/2024

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Quality Control Results

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Client: Ramboll **Work Order:** 24020001

Client Project: COF-24Q1 **Report Date:** 09-Apr-24

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

Batch 218757 **SampType:** MBLK Units **µg/L**

SampID: MBLK-218757

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		25.0		**< 25.0**	12.50	0	0	-100	100	02/20/2024
Antimony		1.0		**< 1.0**	0.4500	0	0	-100	100	02/17/2024
Arsenic		1.0		**< 1.0**	0.3750	0	0	-100	100	02/17/2024
Barium		1.0		**< 1.0**	0.7000	0	0	-100	100	02/20/2024
Beryllium		1.0		**< 1.0**	0.2500	0	0	-100	100	02/17/2024
Boron		25.0		**< 25.0**	9.250	0	0	-100	100	02/19/2024
Cadmium		1.0		**< 1.0**	0.1340	0	0	-100	100	02/17/2024
Chromium		1.5		**< 1.5**	0.7000	0	0	-100	100	02/19/2024
Cobalt		1.0		**< 1.0**	0.1150	0	0	-100	100	02/17/2024
Copper		1.0		**< 1.0**	0.3000	0	0	-100	100	02/19/2024
Iron		25.0		**< 25.0**	11.50	0	0	-100	100	02/17/2024
Lead		1.0		**< 1.0**	0.6000	0	0	-100	100	02/20/2024
Manganese		2.0		**< 2.0**	0.7500	0	0	-100	100	02/17/2024
Molybdenum		1.5		**< 1.5**	0.6000	0	0	-100	100	02/17/2024
Nickel		1.0		**< 1.0**	0.4300	0	0	-100	100	02/20/2024
Selenium		1.0		**< 1.0**	0.6000	0	0	-100	100	02/17/2024
Silver		1.0		**< 1.0**	0.1000	0	0	-100	100	02/17/2024
Thallium		2.0		**< 2.0**	0.9500	0	0	-100	100	02/17/2024
Vanadium		5.0		**< 5.0**	5.000	0	0	-100	100	02/17/2024
Zinc		15.0		**< 15.0**	5.900	0	0	-100	100	02/19/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll **Work Order:** 24020001

Client Project: COF-24Q1 **Report Date:** 09-Apr-24

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

Batch 218757 **SampType:** LCS Units **µg/L**

SampID: LCS-218757

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		25.0		**1810**	2000	0	90.6	80	120	02/21/2024
Antimony		1.0		**449**	500.0	0	89.8	80	120	02/17/2024
Arsenic		1.0		**474**	500.0	0	94.8	80	120	02/17/2024
Barium		1.0		**1970**	2000	0	98.5	80	120	02/21/2024
Beryllium		1.0		**46.5**	50.00	0	93.1	80	120	02/17/2024
Boron		25.0		**470**	500.0	0	94.0	80	120	02/19/2024
Cadmium		1.0		**44.5**	50.00	0	89.0	80	120	02/17/2024
Chromium		1.5		**186**	200.0	0	92.9	80	120	02/19/2024
Cobalt		1.0		**445**	500.0	0	88.9	80	120	02/17/2024
Copper		1.0		**229**	250.0	0	91.7	80	120	02/19/2024
Iron		25.0		**1870**	2000	0	93.7	80	120	02/19/2024
Lead		1.0		**473**	500.0	0	94.6	80	120	02/20/2024
Manganese		2.0		**486**	500.0	0	97.2	80	120	02/19/2024
Molybdenum		1.5		**454**	500.0	0	90.7	80	120	02/19/2024
Nickel		1.0		**499**	500.0	0	99.8	80	120	02/21/2024
Selenium		1.0		**445**	500.0	0	89.1	80	120	02/17/2024
Silver		1.0		**44.9**	50.00	0	89.8	80	120	02/17/2024
Thallium		2.0		**231**	250.0	0	92.3	80	120	02/17/2024
Vanadium		5.0		**466**	500.0	0	93.2	80	120	02/19/2024
Zinc		15.0		**499**	500.0	0	99.8	80	120	02/21/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24020001

Client Project: COF-24Q1 **Report Date:** 09-Apr-24

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

Batch 218758 **SampType:** MBLK Units **µg/L**

SampID: MBLK-218758

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		25.0		**< 25.0**	12.50	0	0	-100	100	02/20/2024
Antimony		1.0		**< 1.0**	0.4500	0	0	-100	100	02/17/2024
Arsenic		1.0		**< 1.0**	0.3750	0	0	-100	100	02/17/2024
Barium		1.0		**< 1.0**	0.7000	0	0	-100	100	02/20/2024
Beryllium		1.0		**< 1.0**	0.2500	0	0	-100	100	02/17/2024
Boron		25.0		**< 25.0**	9.250	0	0	-100	100	02/19/2024
Cadmium		1.0		**< 1.0**	0.1340	0	0	-100	100	02/17/2024
Chromium		1.5		**< 1.5**	0.7000	0	0	-100	100	02/17/2024
Cobalt		1.0		**< 1.0**	0.1150	0	0	-100	100	02/17/2024
Copper		1.0		**< 1.0**	0.3000	0	0	-100	100	02/19/2024
Iron		25.0		**< 25.0**	11.50	0	0	-100	100	02/17/2024
Lead		1.0		**< 1.0**	0.6000	0	0	-100	100	02/20/2024
Manganese		2.0		**< 2.0**	0.7500	0	0	-100	100	02/17/2024
Molybdenum		1.5		**< 1.5**	0.6000	0	0	-100	100	02/17/2024
Nickel		1.0		**< 1.0**	0.4300	0	0	-100	100	02/21/2024
Selenium		1.0		**< 1.0**	0.6000	0	0	-100	100	02/17/2024
Silver		1.0		**< 1.0**	0.1000	0	0	-100	100	02/17/2024
Thallium		2.0		**< 2.0**	0.9500	0	0	-100	100	02/17/2024
Vanadium		5.0		**< 5.0**	5.000	0	0	-100	100	02/17/2024
Zinc		15.0		**< 15.0**	5.900	0	0	-100	100	02/19/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll
Work Order: 24020001
Client Project: COF-24Q1
Report Date: 09-Apr-24

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

Batch 218758 **SampType:** LCS Units **µg/L**
SampID: LCS-218758

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		25.0		**2060**	2000	0	103.2	80	120	02/21/2024
Antimony		1.0		**451**	500.0	0	90.1	80	120	02/17/2024
Arsenic		1.0		**485**	500.0	0	96.9	80	120	02/17/2024
Barium		1.0		**1990**	2000	0	99.5	80	120	02/21/2024
Beryllium		1.0		**48.1**	50.00	0	96.1	80	120	02/17/2024
Boron		25.0		**484**	500.0	0	96.8	80	120	02/19/2024
Cadmium		1.0		**45.3**	50.00	0	90.6	80	120	02/17/2024
Chromium		1.5		**187**	200.0	0	93.5	80	120	02/19/2024
Cobalt		1.0		**449**	500.0	0	89.7	80	120	02/17/2024
Copper		1.0		**234**	250.0	0	93.4	80	120	02/19/2024
Iron		25.0		**1870**	2000	0	93.7	80	120	02/19/2024
Lead		1.0		**482**	500.0	0	96.3	80	120	02/20/2024
Manganese		2.0		**493**	500.0	0	98.6	80	120	02/19/2024
Molybdenum		1.5		**427**	500.0	0	85.5	80	120	02/19/2024
Nickel		1.0		**500**	500.0	0	100.0	80	120	02/21/2024
Selenium		1.0		**444**	500.0	0	88.8	80	120	02/17/2024
Silver		1.0		**42.9**	50.00	0	85.7	80	120	02/17/2024
Thallium		2.0		**241**	250.0	0	96.3	80	120	02/17/2024
Vanadium		5.0		**463**	500.0	0	92.6	80	120	02/19/2024
Zinc		15.0		**489**	500.0	0	97.8	80	120	02/21/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24020001

Client Project: COF-24Q1 **Report Date:** 09-Apr-24

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

Batch 218795 **SampType:** MBLK Units **µg/L**

SampID: MBLK-218795

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		25.0		**< 25.0**	12.50	0	0	-100	100	02/28/2024
Antimony		1.0		**< 1.0**	0.4500	0	0	-100	100	02/28/2024
Arsenic		1.0		**< 1.0**	0.3750	0	0	-100	100	02/28/2024
Barium		1.0		**< 1.0**	0.7000	0	0	-100	100	02/28/2024
Beryllium		1.0		**< 1.0**	0.2500	0	0	-100	100	02/28/2024
Boron		25.0		**< 25.0**	9.250	0	0	-100	100	02/28/2024
Cadmium		1.0		**< 1.0**	0.1340	0	0	-100	100	02/28/2024
Chromium		1.5		**< 1.5**	0.7000	0	0	-100	100	02/28/2024
Cobalt		1.0		**< 1.0**	0.1150	0	0	-100	100	02/28/2024
Copper		1.0		**< 1.0**	0.3000	0	0	-100	100	02/28/2024
Iron		25.0		**< 25.0**	11.50	0	0	-100	100	02/28/2024
Lead		1.0		**< 1.0**	0.6000	0	0	-100	100	02/28/2024
Manganese		2.0		**< 2.0**	0.7500	0	0	-100	100	02/28/2024
Molybdenum		1.5		**< 1.5**	0.6000	0	0	-100	100	02/28/2024
Nickel		1.0		**< 1.0**	0.4300	0	0	-100	100	02/28/2024
Selenium		1.0		**< 1.0**	0.6000	0	0	-100	100	02/28/2024
Silver		1.0		**< 1.0**	0.1000	0	0	-100	100	02/28/2024
Thallium		2.0		**< 2.0**	0.9500	0	0	-100	100	02/28/2024
Vanadium		5.0		**< 5.0**	5.000	0	0	-100	100	02/28/2024
Zinc		15.0		**< 15.0**	5.900	0	0	-100	100	02/28/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll
Work Order: 24020001
Client Project: COF-24Q1
Report Date: 09-Apr-24

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

Batch 218795 **SampType:** LCS Units **µg/L**
SampID: LCS-218795

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		25.0		**1680**	2000	0	84.2	80	120	02/28/2024
Antimony		1.0		**418**	500.0	0	83.6	80	120	02/28/2024
Arsenic		1.0		**487**	500.0	0	97.4	80	120	02/28/2024
Barium		1.0		**1970**	2000	0	98.5	80	120	02/28/2024
Beryllium		1.0		**46.0**	50.00	0	92.1	80	120	02/28/2024
Boron		25.0		**447**	500.0	0	89.4	80	120	02/28/2024
Cadmium		1.0		**45.4**	50.00	0	90.8	80	120	02/28/2024
Chromium		1.5		**179**	200.0	0	89.3	80	120	02/28/2024
Cobalt		1.0		**470**	500.0	0	94.0	80	120	02/28/2024
Copper		1.0		**239**	250.0	0	95.6	80	120	02/28/2024
Iron		25.0		**1780**	2000	0	89.1	80	120	02/28/2024
Lead		1.0		**453**	500.0	0	90.6	80	120	02/28/2024
Manganese		2.0		**464**	500.0	0	92.8	80	120	02/28/2024
Molybdenum		1.5		**439**	500.0	0	87.7	80	120	02/28/2024
Nickel		1.0		**462**	500.0	0	92.5	80	120	02/28/2024
Selenium		1.0		**472**	500.0	0	94.4	80	120	02/28/2024
Silver		1.0		**45.4**	50.00	0	90.7	80	120	02/28/2024
Thallium		2.0		**217**	250.0	0	86.9	80	120	02/28/2024
Vanadium		5.0		**452**	500.0	0	90.4	80	120	02/28/2024
Zinc		15.0		**431**	500.0	0	86.2	80	120	02/28/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll
Work Order: 24020001
Client Project: COF-24Q1
Report Date: 09-Apr-24

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

Batch 218861 **SampType:** MBLK Units **µg/L**
SampID: MBLK-218861

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		25.0		**< 25.0**	12.50	0	0	-100	100	02/22/2024
Antimony		1.0		**< 1.0**	0.4500	0	0	-100	100	02/22/2024
Arsenic		1.0		**< 1.0**	0.3750	0	0	-100	100	02/22/2024
Barium		1.0		**< 1.0**	0.7000	0	0	-100	100	02/22/2024
Beryllium		1.0		**< 1.0**	0.2500	0	0	-100	100	02/22/2024
Boron		25.0		**< 25.0**	9.250	0	0	-100	100	02/23/2024
Cadmium		1.0		**< 1.0**	0.1340	0	0	-100	100	02/22/2024
Chromium		1.5		**< 1.5**	0.7000	0	0	-100	100	02/22/2024
Cobalt		1.0		**< 1.0**	0.1150	0	0	-100	100	02/22/2024
Copper		1.0		**< 1.0**	0.3000	0	0	-100	100	02/22/2024
Iron		25.0		**< 25.0**	11.50	0	0	-100	100	02/22/2024
Lead		1.0		**< 1.0**	0.6000	0	0	-100	100	02/22/2024
Manganese		2.0		**< 2.0**	0.7500	0	0	-100	100	02/22/2024
Molybdenum		1.5		**< 1.5**	0.6000	0	0	-100	100	02/22/2024
Nickel		1.0		**< 1.0**	0.4300	0	0	-100	100	02/23/2024
Selenium		1.0		**< 1.0**	0.6000	0	0	-100	100	02/22/2024
Selenium		1.0		**< 1.0**	0.6000	0	0	-100	100	02/23/2024
Silver		1.0		**< 1.0**	0.1000	0	0	-100	100	02/22/2024
Silver		1.0		**< 1.0**	0.1000	0	0	-100	100	02/22/2024
Thallium		2.0		**< 2.0**	0.9500	0	0	-100	100	02/22/2024
Vanadium		5.0		**< 5.0**	5.000	0	0	-100	100	02/22/2024
Zinc		15.0		**< 15.0**	5.900	0	0	-100	100	02/22/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll
Work Order: 24020001
Client Project: COF-24Q1
Report Date: 09-Apr-24

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

Batch 218861 **SampType:** LCS Units **µg/L**
SampID: LCS-218861

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		25.0		**1770**	2000	0	88.4	80	120	02/23/2024
Antimony		1.0		**467**	500.0	0	93.4	80	120	02/22/2024
Arsenic		1.0		**503**	500.0	0	100.7	80	120	02/22/2024
Barium		1.0		**1940**	2000	0	96.9	80	120	02/22/2024
Beryllium		1.0		**47.3**	50.00	0	94.6	80	120	02/22/2024
Boron		25.0		**485**	500.0	0	97.0	80	120	02/23/2024
Cadmium		1.0		**48.1**	50.00	0	96.3	80	120	02/22/2024
Chromium		1.5		**183**	200.0	0	91.5	80	120	02/23/2024
Cobalt		1.0		**469**	500.0	0	93.7	80	120	02/22/2024
Copper		1.0		**247**	250.0	0	98.7	80	120	02/22/2024
Iron		25.0		**1810**	2000	0	90.3	80	120	02/22/2024
Lead		1.0		**472**	500.0	0	94.3	80	120	02/22/2024
Manganese		2.0		**474**	500.0	0	94.8	80	120	02/22/2024
Molybdenum		1.5		**445**	500.0	0	89.0	80	120	02/22/2024
Nickel		1.0		**467**	500.0	0	93.3	80	120	02/23/2024
Selenium		1.0		**470**	500.0	0	94.0	80	120	02/23/2024
Selenium		1.0		**500**	500.0	0	100.0	80	120	02/22/2024
Silver		1.0		**49.6**	50.00	0	99.2	80	120	02/22/2024
Silver		1.0		**48.2**	50.00	0	96.5	80	120	02/22/2024
Thallium		2.0		**235**	250.0	0	93.8	80	120	02/22/2024
Vanadium		5.0		**470**	500.0	0	93.9	80	120	02/22/2024
Zinc		15.0		**491**	500.0	0	98.3	80	120	02/22/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll
Work Order: 24020001
Client Project: COF-24Q1
Report Date: 09-Apr-24

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

Batch 218861 **SampType:** MS Units **µg/L**
SampID: 24020001-026CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		1.0		**505**	500.0	0	101.0	75	125	02/23/2024
Arsenic		1.0		**518**	500.0	0	103.6	75	125	02/23/2024
Barium		1.0		**2120**	2000	40.76	104.1	75	125	02/23/2024
Beryllium		1.0		**48.5**	50.00	0	97.1	75	125	02/23/2024
Boron		25.0		**505**	500.0	47.07	91.6	75	125	02/23/2024
Cadmium		1.0		**47.8**	50.00	0	95.5	75	125	02/23/2024
Chromium		1.5		**186**	200.0	1.218	92.6	75	125	02/23/2024
Cobalt		1.0		**454**	500.0	0.1801	90.8	75	125	02/23/2024
Copper		1.0		**234**	250.0	3.274	92.2	75	125	02/23/2024
Iron		25.0		**1870**	2000	22.86	92.4	75	125	02/23/2024
Lead		1.0		**469**	500.0	0	93.8	75	125	02/23/2024
Manganese		2.0		**505**	500.0	29.15	95.1	75	125	02/23/2024
Nickel		1.0		**449**	500.0	3.040	89.1	75	125	02/23/2024
Selenium		1.0		**498**	500.0	1.632	99.2	75	125	02/23/2024
Silver		1.0		**47.3**	50.00	0	94.7	75	125	02/23/2024
Thallium		2.0		**220**	250.0	0	88.1	75	125	02/23/2024
Vanadium		5.0		**475**	500.0	0	95.1	75	125	02/23/2024
Zinc		15.0		**468**	500.0	7.134	92.2	75	125	02/23/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24020001

Client Project: COF-24Q1 **Report Date:** 09-Apr-24

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

Batch 218861 **SampType:** MSD Units **µg/L** RPD Limit **20**

SampID: 24020001-026CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Antimony		1.0		**514**	500.0	0	102.8	504.8	1.81	02/23/2024
Arsenic		1.0		**523**	500.0	0	104.6	518.0	0.97	02/23/2024
Barium		1.0		**2130**	2000	40.76	104.5	2123	0.36	02/23/2024
Beryllium		1.0		**47.6**	50.00	0	95.1	48.54	2.04	02/23/2024
Boron		25.0		**500**	500.0	47.07	90.5	505.1	1.11	02/23/2024
Cadmium		1.0		**49.1**	50.00	0	98.2	47.76	2.78	02/23/2024
Chromium		1.5		**183**	200.0	1.218	90.7	186.5	2.10	02/23/2024
Cobalt		1.0		**465**	500.0	0.1801	93.0	454.3	2.39	02/23/2024
Copper		1.0		**231**	250.0	3.274	90.9	233.7	1.31	02/23/2024
Iron		25.0		**1870**	2000	22.86	92.2	1870	0.19	02/23/2024
Lead		1.0		**475**	500.0	0	95.1	468.8	1.41	02/23/2024
Manganese		2.0		**492**	500.0	29.15	92.5	504.9	2.67	02/23/2024
Nickel		1.0		**447**	500.0	3.040	88.7	448.6	0.41	02/23/2024
Selenium		1.0		**495**	500.0	1.632	98.8	497.7	0.46	02/23/2024
Silver		1.0		**48.2**	50.00	0	96.4	47.34	1.81	02/23/2024
Thallium		2.0		**224**	250.0	0	89.5	220.3	1.56	02/23/2024
Vanadium		5.0		**466**	500.0	0	93.3	475.4	1.91	02/23/2024
Zinc		15.0		**476**	500.0	7.134	93.8	468.0	1.78	02/23/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll
Work Order: 24020001
Client Project: COF-24Q1
Report Date: 09-Apr-24

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

Batch 218861 **SampType:** MS Units **µg/L**
SampID: 24020001-086DMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		25.0		**1790**	2000	0	89.7	75	125	02/23/2024
Antimony		1.0		**485**	500.0	0	97.0	75	125	02/23/2024
Arsenic		1.0		**500**	500.0	0	100.0	75	125	02/23/2024
Barium		1.0		**1970**	2000	52.18	96.0	75	125	02/23/2024
Beryllium		1.0		**46.7**	50.00	0	93.4	75	125	02/23/2024
Boron		25.0		**464**	500.0	10.79	90.7	75	125	02/23/2024
Cadmium		1.0		**46.4**	50.00	0	92.9	75	125	02/23/2024
Chromium		1.5		**205**	200.0	1.709	101.7	75	125	02/26/2024
Cobalt		1.0		**437**	500.0	0	87.3	75	125	02/23/2024
Copper		1.0		**226**	250.0	0.5883	90.3	75	125	02/23/2024
Iron		25.0		**2190**	2000	19.44	108.4	75	125	02/26/2024
Lead		1.0		**453**	500.0	0	90.5	75	125	02/23/2024
Manganese		2.0		**465**	500.0	0	93.1	75	125	02/23/2024
Molybdenum		1.5		**505**	500.0	2.344	100.6	75	125	02/26/2024
Nickel		1.0		**447**	500.0	0.6930	89.4	75	125	02/23/2024
Selenium		1.0		**483**	500.0	3.791	95.7	75	125	02/23/2024
Silver		1.0		**47.0**	50.00	0	94.0	75	125	02/23/2024
Thallium		2.0		**216**	250.0	0	86.3	75	125	02/23/2024
Vanadium		5.0		**455**	500.0	0	90.9	75	125	02/23/2024
Zinc		15.0		**477**	500.0	0	95.5	75	125	02/23/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24020001

Client Project: COF-24Q1 **Report Date:** 09-Apr-24

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

Batch 218861 **SampType:** MSD Units **µg/L** RPD Limit **20**

SampID: 24020001-086DMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Aluminum		25.0		**1990**	2000	0	99.3	1793	10.24	02/23/2024
Antimony		1.0		**498**	500.0	0	99.6	484.9	2.64	02/23/2024
Arsenic		1.0		**529**	500.0	0	105.9	500.2	5.68	02/23/2024
Barium		1.0		**2020**	2000	52.18	98.5	1972	2.50	02/23/2024
Beryllium		1.0		**48.8**	50.00	0	97.7	46.68	4.53	02/23/2024
Boron		25.0		**488**	500.0	10.79	95.4	464.2	4.98	02/23/2024
Cadmium		1.0		**48.0**	50.00	0	95.9	46.43	3.23	02/23/2024
Chromium		1.5		**206**	200.0	1.709	102.0	205.0	0.34	02/26/2024
Cobalt		1.0		**466**	500.0	0	93.1	436.6	6.46	02/23/2024
Copper		1.0		**237**	250.0	0.5883	94.4	226.2	4.45	02/23/2024
Iron		25.0		**2080**	2000	19.44	103.0	2188	5.03	02/26/2024
Lead		1.0		**489**	500.0	0	97.9	452.6	7.81	02/23/2024
Manganese		2.0		**484**	500.0	0	96.7	465.4	3.84	02/23/2024
Molybdenum		1.5		**522**	500.0	2.344	103.9	505.1	3.21	02/26/2024
Nickel		1.0		**463**	500.0	0.6930	92.4	447.5	3.37	02/23/2024
Selenium		1.0		**509**	500.0	3.791	101.0	482.5	5.31	02/23/2024
Silver		1.0		**47.6**	50.00	0	95.1	47.00	1.17	02/23/2024
Thallium		2.0		**220**	250.0	0	88.1	215.8	2.02	02/23/2024
Vanadium		5.0		**471**	500.0	0	94.2	454.7	3.57	02/23/2024
Zinc		15.0		**490**	500.0	0	98.0	477.5	2.61	02/23/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 24020001
Client Project: COF-24Q1
Report Date: 09-Apr-24

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

Batch 218862 **SampType:** MBLK Units **µg/L**
SampID: MBLK-218862

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		25.0		**< 25.0**	12.50	0	0	-100	100	02/23/2024
Antimony		1.0		**< 1.0**	0.4500	0	0	-100	100	02/23/2024
Arsenic		1.0		**< 1.0**	0.3750	0	0	-100	100	02/23/2024
Barium		1.0		**< 1.0**	0.7000	0	0	-100	100	02/23/2024
Beryllium		1.0		**< 1.0**	0.2500	0	0	-100	100	02/23/2024
Boron		25.0		**< 25.0**	9.250	0	0	-100	100	02/23/2024
Cadmium		1.0		**< 1.0**	0.1340	0	0	-100	100	02/23/2024
Chromium		1.5		**< 1.5**	0.7000	0	0	-100	100	02/23/2024
Cobalt		1.0		**< 1.0**	0.1150	0	0	-100	100	02/23/2024
Copper		1.0		**< 1.0**	0.3000	0	0	-100	100	02/23/2024
Iron		25.0		**< 25.0**	11.50	0	0	-100	100	02/23/2024
Lead		1.0		**< 1.0**	0.6000	0	0	-100	100	02/23/2024
Manganese		2.0		**< 2.0**	0.7500	0	0	-100	100	02/23/2024
Molybdenum		1.5		**< 1.5**	0.6000	0	0	-100	100	02/23/2024
Nickel		1.0		**< 1.0**	0.4300	0	0	-100	100	02/23/2024
Selenium		1.0		**< 1.0**	0.6000	0	0	-100	100	02/23/2024
Silver		1.0		**< 1.0**	0.1000	0	0	-100	100	02/23/2024
Thallium		2.0		**< 2.0**	0.9500	0	0	-100	100	02/23/2024
Vanadium		5.0		**< 5.0**	5.000	0	0	-100	100	02/23/2024
Zinc		15.0		**< 15.0**	5.900	0	0	-100	100	02/23/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24020001

Client Project: COF-24Q1 **Report Date:** 09-Apr-24

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

Batch 218862 **SampType:** LCS Units **µg/L**

SampID: LCS-218862

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		25.0		**1620**	2000	0	81.0	80	120	02/23/2024
Antimony		1.0		**478**	500.0	0	95.5	80	120	02/23/2024
Arsenic		1.0		**504**	500.0	0	100.8	80	120	02/23/2024
Barium		1.0		**2060**	2000	0	103.2	80	120	02/23/2024
Beryllium		1.0		**48.8**	50.00	0	97.7	80	120	02/23/2024
Boron		25.0		**454**	500.0	0	90.8	80	120	02/23/2024
Cadmium		1.0		**47.9**	50.00	0	95.9	80	120	02/23/2024
Chromium		1.5		**195**	200.0	0	97.7	80	120	02/23/2024
Cobalt		1.0		**475**	500.0	0	95.1	80	120	02/23/2024
Copper		1.0		**227**	250.0	0	91.0	80	120	02/23/2024
Iron		25.0		**2100**	2000	0	105.0	80	120	02/26/2024
Lead		1.0		**466**	500.0	0	93.1	80	120	02/23/2024
Manganese		2.0		**485**	500.0	0	97.0	80	120	02/23/2024
Molybdenum		1.5		**440**	500.0	0	88.0	80	120	02/23/2024
Nickel		1.0		**453**	500.0	0	90.6	80	120	02/23/2024
Selenium		1.0		**490**	500.0	0	97.9	80	120	02/23/2024
Silver		1.0		**49.0**	50.00	0	98.0	80	120	02/23/2024
Thallium		2.0		**253**	250.0	0	101.3	80	120	02/23/2024
Vanadium		5.0		**477**	500.0	0	95.3	80	120	02/23/2024
Zinc		15.0		**480**	500.0	0	96.0	80	120	02/23/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll
Work Order: 24020001
Client Project: COF-24Q1
Report Date: 09-Apr-24

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

Batch 218862 **SampType:** MS Units **µg/L**
SampID: 24020001-098DMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		25.0		**1910**	2000	0	95.5	75	125	02/23/2024
Antimony		1.0		**491**	500.0	0	98.2	75	125	02/23/2024
Arsenic		1.0		**490**	500.0	0.4049	97.9	75	125	02/23/2024
Barium		1.0		**1960**	2000	54.28	95.4	75	125	02/23/2024
Beryllium		1.0		**46.6**	50.00	0	93.2	75	125	02/23/2024
Boron		25.0		**457**	500.0	11.79	89.0	75	125	02/23/2024
Cadmium		1.0		**47.4**	50.00	0	94.7	75	125	02/23/2024
Chromium		1.5		**177**	200.0	1.051	87.9	75	125	02/23/2024
Cobalt		1.0		**433**	500.0	0	86.6	75	125	02/23/2024
Copper		1.0		**219**	250.0	0.8649	87.4	75	125	02/23/2024
Iron		25.0		**2110**	2000	74.24	101.8	75	125	02/26/2024
Iron		25.0		**1840**	2000	40.10	89.8	75	125	02/23/2024
Lead		1.0		**447**	500.0	0	89.4	75	125	02/23/2024
Manganese		2.0		**458**	500.0	1.751	91.2	75	125	02/23/2024
Molybdenum		1.5		**434**	500.0	0	86.9	75	125	02/23/2024
Selenium		1.0		**475**	500.0	2.766	94.4	75	125	02/23/2024
Silver		1.0		**45.2**	50.00	0	90.4	75	125	02/23/2024
Thallium		2.0		**202**	250.0	0	80.7	75	125	02/23/2024
Vanadium		5.0		**447**	500.0	0	89.4	75	125	02/23/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 24020001
Client Project: COF-24Q1
Report Date: 09-Apr-24

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

Batch 218862 **SampType:** MSD Units **µg/L** RPD Limit **20**
SampID: 24020001-098DMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Aluminum		25.0		**1850**	2000	0	92.6	1910	3.06	02/23/2024
Antimony		1.0		**490**	500.0	0	98.1	491.0	0.12	02/23/2024
Arsenic		1.0		**509**	500.0	0.4049	101.8	489.7	3.94	02/23/2024
Barium		1.0		**1960**	2000	54.28	95.4	1963	0.02	02/23/2024
Beryllium		1.0		**48.5**	50.00	0	97.0	46.62	3.96	02/23/2024
Boron		25.0		**469**	500.0	11.79	91.4	456.6	2.62	02/23/2024
Cadmium		1.0		**46.3**	50.00	0	92.5	47.36	2.36	02/23/2024
Chromium		1.5		**185**	200.0	1.051	91.9	176.8	4.49	02/23/2024
Cobalt		1.0		**447**	500.0	0	89.4	432.8	3.26	02/23/2024
Copper		1.0		**227**	250.0	0.8649	90.6	219.3	3.59	02/23/2024
Iron		25.0		**1870**	2000	40.10	91.3	1836	1.58	02/23/2024
Iron		25.0		**2090**	2000	74.24	100.8	2110	0.89	02/26/2024
Lead		1.0		**483**	500.0	0	96.6	446.9	7.80	02/23/2024
Manganese		2.0		**471**	500.0	1.751	93.8	457.8	2.82	02/23/2024
Molybdenum		1.5		**451**	500.0	0	90.3	434.4	3.83	02/23/2024
Selenium		1.0		**490**	500.0	2.766	97.4	474.9	3.05	02/23/2024
Silver		1.0		**45.6**	50.00	0	91.1	45.20	0.78	02/23/2024
Thallium		2.0		**217**	250.0	0	86.9	201.8	7.41	02/23/2024
Vanadium		5.0		**463**	500.0	0	92.6	447.2	3.46	02/23/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24020001

Client Project: COF-24Q1 **Report Date:** 09-Apr-24

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

Batch 218972 **SampType:** MBLK Units **µg/L**

SampID: MBLK-218972

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		25.0		**< 25.0**	12.50	0	0	-100	100	02/23/2024
Antimony		1.0		**< 1.0**	0.4500	0	0	-100	100	02/26/2024
Arsenic		1.0		**< 1.0**	0.3750	0	0	-100	100	02/23/2024
Barium		1.0		**< 1.0**	0.7000	0	0	-100	100	02/23/2024
Beryllium		1.0		**< 1.0**	0.2500	0	0	-100	100	02/23/2024
Boron		25.0		**< 25.0**	9.250	0	0	-100	100	02/23/2024
Cadmium		1.0		**< 1.0**	0.1340	0	0	-100	100	02/23/2024
Chromium		1.5		**< 1.5**	0.7000	0	0	-100	100	02/23/2024
Cobalt		1.0		**< 1.0**	0.1150	0	0	-100	100	02/23/2024
Copper		1.0		**< 1.0**	0.3000	0	0	-100	100	02/23/2024
Iron		25.0		**< 25.0**	11.50	0	0	-100	100	02/23/2024
Lead		1.0		**< 1.0**	0.6000	0	0	-100	100	02/26/2024
Manganese		2.0		**< 2.0**	0.7500	0	0	-100	100	02/23/2024
Molybdenum		1.5		**< 1.5**	0.6000	0	0	-100	100	02/23/2024
Nickel		1.0		**< 1.0**	0.4300	0	0	-100	100	02/26/2024
Selenium		1.0		**< 1.0**	0.6000	0	0	-100	100	02/23/2024
Silver		1.0		**< 1.0**	0.1000	0	0	-100	100	02/23/2024
Thallium		2.0		**< 2.0**	0.9500	0	0	-100	100	02/23/2024
Vanadium		5.0		**< 5.0**	5.000	0	0	-100	100	02/23/2024
Zinc		15.0		**< 15.0**	5.900	0	0	-100	100	02/26/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll
Work Order: 24020001
Client Project: COF-24Q1
Report Date: 09-Apr-24

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

Batch 218972 **SampType:** LCS Units **µg/L**
SampID: LCS-218972

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		25.0		**1700**	2000	0	85.1	80	120	02/23/2024
Antimony		1.0		**446**	500.0	0	89.1	80	120	02/26/2024
Arsenic		1.0		**493**	500.0	0	98.6	80	120	02/23/2024
Barium		1.0		**1970**	2000	0	98.3	80	120	02/23/2024
Beryllium		1.0		**43.9**	50.00	0	87.8	80	120	02/23/2024
Boron		25.0		**450**	500.0	0	90.0	80	120	02/23/2024
Cadmium		1.0		**44.4**	50.00	0	88.7	80	120	02/23/2024
Chromium		1.5		**181**	200.0	0	90.3	80	120	02/23/2024
Cobalt		1.0		**460**	500.0	0	92.0	80	120	02/23/2024
Copper		1.0		**234**	250.0	0	93.6	80	120	02/23/2024
Iron		25.0		**1800**	2000	0	89.9	80	120	02/23/2024
Lead		1.0		**480**	500.0	0	95.9	80	120	02/26/2024
Manganese		2.0		**464**	500.0	0	92.9	80	120	02/23/2024
Molybdenum		1.5		**422**	500.0	0	84.5	80	120	02/23/2024
Nickel		1.0		**470**	500.0	0	93.9	80	120	02/26/2024
Selenium		1.0		**497**	500.0	0	99.5	80	120	02/23/2024
Silver		1.0		**42.6**	50.00	0	85.2	80	120	02/23/2024
Thallium		2.0		**225**	250.0	0	90.2	80	120	02/23/2024
Vanadium		5.0		**448**	500.0	0	89.6	80	120	02/23/2024
Zinc		15.0		**508**	500.0	0	101.6	80	120	02/26/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll **Work Order:** 24020001

Client Project: COF-24Q1 **Report Date:** 09-Apr-24

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

Batch 218972 **SampType:** MS Units **µg/L**

SampID: 24020001-025DMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		25.0		**1680**	2000	0	84.0	75	125	02/23/2024
Antimony		1.0		**526**	500.0	0	105.2	75	125	02/26/2024
Arsenic		1.0		**488**	500.0	0	97.5	75	125	02/23/2024
Barium		1.0		**2010**	2000	38.63	98.4	75	125	02/23/2024
Beryllium		1.0		**45.7**	50.00	0	91.5	75	125	02/23/2024
Boron		25.0		**478**	500.0	39.76	87.6	75	125	02/23/2024
Cadmium		1.0		**45.3**	50.00	0	90.6	75	125	02/23/2024
Chromium		1.5		**177**	200.0	0.9569	88.2	75	125	02/23/2024
Cobalt		1.0		**443**	500.0	0	88.6	75	125	02/23/2024
Copper		1.0		**220**	250.0	0.4856	87.9	75	125	02/23/2024
Iron		25.0		**1770**	2000	0	88.6	75	125	02/23/2024
Lead		1.0		**504**	500.0	0	100.7	75	125	02/26/2024
Manganese		2.0		**451**	500.0	0	90.3	75	125	02/23/2024
Nickel		1.0		**459**	500.0	0	91.7	75	125	02/26/2024
Selenium		1.0		**484**	500.0	1.833	96.5	75	125	02/23/2024
Silver		1.0		**42.3**	50.00	0	84.6	75	125	02/23/2024
Thallium		2.0		**221**	250.0	0	88.4	75	125	02/23/2024
Vanadium		5.0		**448**	500.0	0	89.6	75	125	02/23/2024
Zinc		15.0		**513**	500.0	0	102.5	75	125	02/26/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 24020001
Client Project: COF-24Q1
Report Date: 09-Apr-24

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

Batch 218972 **SampType:** MSD Units **µg/L** RPD Limit **20**
SampID: 24020001-025DMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Aluminum		25.0		**1690**	2000	0	84.3	1679	0.41	02/23/2024
Antimony		1.0		**505**	500.0	0	100.9	526.0	4.15	02/26/2024
Arsenic		1.0		**484**	500.0	0	96.8	487.6	0.76	02/23/2024
Barium		1.0		**1990**	2000	38.63	97.5	2006	0.91	02/23/2024
Beryllium		1.0		**44.7**	50.00	0	89.4	45.74	2.29	02/23/2024
Boron		25.0		**477**	500.0	39.76	87.4	477.6	0.17	02/23/2024
Cadmium		1.0		**43.5**	50.00	0	87.0	45.29	3.99	02/23/2024
Chromium		1.5		**178**	200.0	0.9569	88.6	177.4	0.41	02/23/2024
Cobalt		1.0		**443**	500.0	0	88.6	442.8	0.03	02/23/2024
Copper		1.0		**221**	250.0	0.4856	88.0	220.3	0.09	02/23/2024
Iron		25.0		**1770**	2000	0	88.7	1771	0.17	02/23/2024
Lead		1.0		**499**	500.0	0	99.7	503.6	0.97	02/26/2024
Manganese		2.0		**454**	500.0	0	90.8	451.3	0.59	02/23/2024
Nickel		1.0		**456**	500.0	0	91.2	458.7	0.62	02/26/2024
Selenium		1.0		**483**	500.0	1.833	96.3	484.2	0.15	02/23/2024
Silver		1.0		**41.5**	50.00	0	83.1	42.29	1.81	02/23/2024
Thallium		2.0		**219**	250.0	0	87.5	220.9	0.96	02/23/2024
Vanadium		5.0		**450**	500.0	0	90.1	447.8	0.57	02/23/2024
Zinc		15.0		**502**	500.0	0	100.4	512.5	2.05	02/26/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24020001

Client Project: COF-24Q1 **Report Date:** 09-Apr-24

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

Batch 219032 **SampType:** MBLK Units **µg/L**

SampID: MBLK-219032

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		25.0		**< 25.0**	12.50	0	0	-100	100	02/24/2024
Aluminum		25.0		**< 25.0**	12.50	0	0	-100	100	02/24/2024
Antimony		1.0		**< 1.0**	0.4500	0	0	-100	100	02/24/2024
Antimony		1.0		**< 1.0**	0.4500	0	0	-100	100	02/24/2024
Arsenic		1.0		**< 1.0**	0.3750	0	0	-100	100	02/24/2024
Arsenic		1.0		**< 1.0**	0.3750	0	0	-100	100	02/24/2024
Barium		1.0		**< 1.0**	0.7000	0	0	-100	100	02/24/2024
Barium		1.0		**< 1.0**	0.7000	0	0	-100	100	02/24/2024
Beryllium		1.0		**< 1.0**	0.2500	0	0	-100	100	02/24/2024
Beryllium		1.0		**< 1.0**	0.2500	0	0	-100	100	02/24/2024
Boron		25.0		**< 25.0**	9.250	0	0	-100	100	02/24/2024
Boron		25.0		**< 25.0**	9.250	0	0	-100	100	02/24/2024
Cadmium		1.0		**< 1.0**	0.1340	0	0	-100	100	02/26/2024
Chromium		1.5		**< 1.5**	0.7000	0	0	-100	100	02/24/2024
Chromium		1.5		**< 1.5**	0.7000	0	0	-100	100	02/24/2024
Cobalt		1.0		**< 1.0**	0.1150	0	0	-100	100	02/24/2024
Cobalt		1.0		**< 1.0**	0.1150	0	0	-100	100	02/24/2024
Copper		1.0		**< 1.0**	0.3000	0	0	-100	100	02/24/2024
Copper		1.0		**< 1.0**	0.3000	0	0	-100	100	02/24/2024
Iron		25.0		**< 25.0**	11.50	0	0	-100	100	02/27/2024
Lead		1.0		**< 1.0**	0.6000	0	0	-100	100	02/24/2024
Lead		1.0		**< 1.0**	0.6000	0	0	-100	100	02/24/2024
Manganese		2.0		**< 2.0**	0.7500	0	0	-100	100	02/24/2024
Manganese		2.0		**< 2.0**	0.7500	0	0	-100	100	02/24/2024
Molybdenum		1.5		**< 1.5**	0.6000	0	0	-100	100	02/24/2024
Molybdenum		1.5		**< 1.5**	0.6000	0	0	-100	100	02/24/2024
Nickel		1.0		**< 1.0**	0.4300	0	0	-100	100	02/24/2024
Nickel		1.0		**< 1.0**	0.4300	0	0	-100	100	02/24/2024
Selenium		1.0		**< 1.0**	0.6000	0	0	-100	100	02/24/2024
Selenium		1.0		**< 1.0**	0.6000	0	0	-100	100	02/24/2024
Silver		1.0		**< 1.0**	0.1000	0	0	-100	100	02/24/2024
Silver		1.0		**< 1.0**	0.1000	0	0	-100	100	02/24/2024
Thallium		2.0		**< 2.0**	0.9500	0	0	-100	100	02/24/2024
Thallium		2.0		**< 2.0**	0.9500	0	0	-100	100	02/24/2024
Vanadium		5.0		**< 5.0**	5.000	0	0	-100	100	02/24/2024
Vanadium		5.0		**< 5.0**	5.000	0	0	-100	100	02/24/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 24020001
Client Project: COF-24Q1
Report Date: 09-Apr-24

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

Batch 219032 **SampType:** MBLK Units **µg/L**
SampID: MBLK-219032

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Zinc		15.0		**< 15.0**	5.900	0	0	-100	100	02/24/2024
Zinc		15.0		**< 15.0**	5.900	0	0	-100	100	02/24/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 24020001
Client Project: COF-24Q1
Report Date: 09-Apr-24

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

Batch 219032 **SampType:** LCS Units **µg/L**
SampID: LCS-219032

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		25.0		**1760**	2000	0	88.1	80	120	02/24/2024
Aluminum		25.0		**1760**	2000	0	88.1	80	120	02/24/2024
Antimony		1.0		**446**	500.0	0	89.3	80	120	02/24/2024
Antimony		1.0		**446**	500.0	0	89.3	80	120	02/24/2024
Arsenic		1.0		**476**	500.0	0	95.1	80	120	02/24/2024
Arsenic		1.0		**476**	500.0	0	95.1	80	120	02/24/2024
Barium		1.0		**1870**	2000	0	93.6	80	120	02/24/2024
Barium		1.0		**1870**	2000	0	93.6	80	120	02/24/2024
Beryllium		1.0		**45.1**	50.00	0	90.2	80	120	02/24/2024
Beryllium		1.0		**45.1**	50.00	0	90.2	80	120	02/24/2024
Boron		25.0		**428**	500.0	0	85.7	80	120	02/24/2024
Boron		25.0		**428**	500.0	0	85.7	80	120	02/24/2024
Cadmium		1.0		**49.1**	50.00	0	98.1	80	120	02/26/2024
Chromium		1.5		**175**	200.0	0	87.3	80	120	02/24/2024
Chromium		1.5		**175**	200.0	0	87.3	80	120	02/24/2024
Cobalt		1.0		**431**	500.0	0	86.2	80	120	02/24/2024
Cobalt		1.0		**431**	500.0	0	86.2	80	120	02/24/2024
Copper		1.0		**225**	250.0	0	90.1	80	120	02/24/2024
Copper		1.0		**225**	250.0	0	90.1	80	120	02/24/2024
Iron		25.0		**2200**	2000	0	109.9	80	120	02/26/2024
Lead		1.0		**437**	500.0	0	87.4	80	120	02/24/2024
Lead		1.0		**437**	500.0	0	87.4	80	120	02/24/2024
Manganese		2.0		**453**	500.0	0	90.7	80	120	02/24/2024
Manganese		2.0		**453**	500.0	0	90.7	80	120	02/24/2024
Molybdenum		1.5		**415**	500.0	0	83.0	80	120	02/24/2024
Molybdenum		1.5		**415**	500.0	0	83.0	80	120	02/24/2024
Nickel		1.0		**441**	500.0	0	88.1	80	120	02/24/2024
Nickel		1.0		**441**	500.0	0	88.1	80	120	02/24/2024
Selenium		1.0		**467**	500.0	0	93.3	80	120	02/24/2024
Selenium		1.0		**467**	500.0	0	93.3	80	120	02/24/2024
Silver		1.0		**45.6**	50.00	0	91.3	80	120	02/24/2024
Silver		1.0		**45.6**	50.00	0	91.3	80	120	02/24/2024
Thallium		2.0		**217**	250.0	0	86.8	80	120	02/24/2024
Thallium		2.0		**217**	250.0	0	86.8	80	120	02/24/2024
Vanadium		5.0		**437**	500.0	0	87.4	80	120	02/24/2024
Vanadium		5.0		**437**	500.0	0	87.4	80	120	02/24/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll
Work Order: 24020001
Client Project: COF-24Q1
Report Date: 09-Apr-24

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

Batch 219032 **SampType:** LCS Units **µg/L**
SampID: LCS-219032

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Zinc		15.0		**462**	500.0	0	92.4	80	120	02/24/2024
Zinc		15.0		**462**	500.0	0	92.4	80	120	02/24/2024

Batch 219032 **SampType:** MS Units **µg/L**
SampID: 24020001-052DMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		25.0		**1850**	2000	0	92.5	75	125	02/24/2024
Antimony		1.0		**459**	500.0	0	91.8	75	125	02/24/2024
Arsenic		1.0		**510**	500.0	0.9669	101.8	75	125	02/24/2024
Barium		1.0		**1880**	2000	32.16	92.2	75	125	02/24/2024
Beryllium		1.0		**46.9**	50.00	0	93.7	75	125	02/24/2024
Boron		25.0		**4190**	500.0	3757	87.0	75	125	02/26/2024
Cadmium		1.0		**49.1**	50.00	0.2298	97.8	75	125	02/26/2024
Chromium		1.5		**167**	200.0	0.7953	82.9	75	125	02/24/2024
Cobalt		1.0		**424**	500.0	0.1729	84.9	75	125	02/24/2024
Copper		1.0		**215**	250.0	0.9127	85.7	75	125	02/24/2024
Iron		25.0		**1990**	2000	23.60	98.3	75	125	02/26/2024
Lead		1.0		**441**	500.0	0	88.1	75	125	02/24/2024
Manganese		2.0		**642**	500.0	195.0	89.4	75	125	02/24/2024
Molybdenum		1.5		**438**	500.0	0	87.6	75	125	02/24/2024
Nickel		1.0		**430**	500.0	7.514	84.6	75	125	02/24/2024
Selenium		1.0		**469**	500.0	1.789	93.5	75	125	02/24/2024
Silver		1.0	S	**11.5**	50.00	0	23.1	75	125	02/24/2024
Thallium		2.0		**220**	250.0	0	87.9	75	125	02/24/2024
Vanadium		5.0		**438**	500.0	0	87.6	75	125	02/24/2024
Zinc		15.0		**451**	500.0	0	90.1	75	125	02/24/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24020001

Client Project: COF-24Q1 **Report Date:** 09-Apr-24

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

Batch 219032 **SampType:** MSD Units **µg/L** RPD Limit **20**

SampID: 24020001-052DMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Aluminum		25.0		**1760**	2000	0	88.1	1849	4.81	02/24/2024
Antimony		1.0		**471**	500.0	0	94.1	459.0	2.50	02/24/2024
Arsenic		1.0		**492**	500.0	0.9669	98.2	509.8	3.52	02/24/2024
Barium		1.0		**1880**	2000	32.16	92.2	1875	0.01	02/24/2024
Beryllium		1.0		**46.7**	50.00	0	93.3	46.87	0.46	02/24/2024
Boron		25.0		**4140**	500.0	3757	75.8	4193	1.36	02/26/2024
Cadmium		1.0		**47.8**	50.00	0.2298	95.2	49.13	2.65	02/26/2024
Chromium		1.5		**172**	200.0	0.7953	85.8	166.6	3.43	02/24/2024
Cobalt		1.0		**423**	500.0	0.1729	84.5	424.5	0.39	02/24/2024
Copper		1.0		**212**	250.0	0.9127	84.5	215.1	1.38	02/24/2024
Iron		25.0		**1960**	2000	23.60	96.9	1989	1.42	02/26/2024
Lead		1.0		**444**	500.0	0	88.9	440.7	0.84	02/24/2024
Manganese		2.0		**641**	500.0	195.0	89.2	641.9	0.13	02/24/2024
Molybdenum		1.5		**412**	500.0	0	82.3	438.1	6.23	02/24/2024
Nickel		1.0		**434**	500.0	7.514	85.2	430.4	0.72	02/24/2024
Selenium		1.0		**463**	500.0	1.789	92.2	469.2	1.39	02/24/2024
Silver		1.0	SR	**19.8**	50.00	0	39.7	11.54	52.86	02/24/2024
Thallium		2.0		**221**	250.0	0	88.4	219.7	0.54	02/24/2024
Vanadium		5.0		**436**	500.0	0	87.2	437.9	0.38	02/24/2024
Zinc		15.0		**428**	500.0	0	85.7	450.7	5.08	02/24/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll
Work Order: 24020001
Client Project: COF-24Q1
Report Date: 09-Apr-24

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

Batch 219032 **SampType:** MS Units **µg/L**
SampID: 24020001-087DMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		25.0		**1800**	2000	36.13	88.1	75	125	02/24/2024
Antimony		1.0		**460**	500.0	0	92.0	75	125	02/24/2024
Arsenic		1.0		**490**	500.0	0.4123	98.0	75	125	02/24/2024
Barium		1.0		**1830**	2000	51.65	88.9	75	125	02/24/2024
Beryllium		1.0		**47.2**	50.00	0	94.4	75	125	02/24/2024
Boron		25.0		**783**	500.0	331.4	90.3	75	125	02/24/2024
Cadmium		1.0		**49.4**	50.00	0.2548	98.2	75	125	02/27/2024
Chromium		1.5		**170**	200.0	1.146	84.6	75	125	02/24/2024
Cobalt		1.0		**419**	500.0	0.5539	83.7	75	125	02/24/2024
Copper		1.0		**218**	250.0	0.6777	86.9	75	125	02/24/2024
Iron		25.0		**2130**	2000	156.1	98.7	75	125	02/27/2024
Lead		1.0		**453**	500.0	0	90.7	75	125	02/24/2024
Manganese		2.0		**1020**	500.0	568.2	90.9	75	125	02/24/2024
Molybdenum		1.5		**415**	500.0	0.9292	82.7	75	125	02/24/2024
Nickel		1.0		**436**	500.0	2.470	86.7	75	125	03/01/2024
Selenium		1.0		**461**	500.0	3.405	91.6	75	125	02/24/2024
Silver		1.0		**43.2**	50.00	0	86.4	75	125	02/24/2024
Thallium		2.0		**238**	250.0	0	95.1	75	125	02/27/2024
Vanadium		5.0		**438**	500.0	0	87.6	75	125	02/24/2024
Zinc		15.0		**457**	500.0	0	91.5	75	125	02/24/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 24020001
Client Project: COF-24Q1
Report Date: 09-Apr-24

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

Batch 219032 **SampType:** MSD Units µg/L RPD Limit 20
SampID: 24020001-087DMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Aluminum		25.0		**1930**	2000	36.13	94.8	1799	7.12	02/24/2024
Antimony		1.0		**464**	500.0	0	92.8	460.1	0.86	02/24/2024
Arsenic		1.0		**477**	500.0	0.4123	95.2	490.4	2.84	02/24/2024
Barium		1.0		**1880**	2000	51.65	91.6	1830	2.90	02/24/2024
Beryllium		1.0		**46.2**	50.00	0	92.4	47.22	2.21	02/24/2024
Boron		25.0		**780**	500.0	331.4	89.8	782.9	0.32	02/24/2024
Cadmium		1.0		**48.1**	50.00	0.2548	95.8	49.36	2.49	02/27/2024
Chromium		1.5		**170**	200.0	1.146	84.2	170.3	0.38	02/24/2024
Cobalt		1.0		**420**	500.0	0.5539	83.9	419.0	0.27	02/24/2024
Copper		1.0		**215**	250.0	0.6777	85.8	218.0	1.34	02/24/2024
Iron		25.0		**2050**	2000	156.1	94.8	2129	3.66	02/27/2024
Lead		1.0		**441**	500.0	0	88.1	453.3	2.87	02/24/2024
Manganese		2.0		**1000**	500.0	568.2	87.3	1023	1.79	02/24/2024
Molybdenum		1.5		**415**	500.0	0.9292	82.8	414.6	0.03	02/24/2024
Nickel		1.0		**457**	500.0	2.470	90.9	435.8	4.72	03/01/2024
Selenium		1.0		**450**	500.0	3.405	89.3	461.4	2.49	02/24/2024
Silver		1.0		**46.3**	50.00	0	92.6	43.18	7.00	02/24/2024
Thallium		2.0		**241**	250.0	0	96.3	237.8	1.21	02/27/2024
Vanadium		5.0		**426**	500.0	0	85.3	437.8	2.64	02/24/2024
Zinc		15.0		**471**	500.0	0	94.1	457.3	2.86	02/24/2024

Batch 219817 **SampType:** MBLK Units µg/L
SampID: MBLK-219817

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nickel		1.0		**< 1.0**	0.4300	0	0	-100	100	03/13/2024
Zinc		15.0		**< 15.0**	5.900	0	0	-100	100	03/13/2024

Batch 219817 **SampType:** LCS Units µg/L
SampID: LCS-219817

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nickel		1.0		**458**	500.0	0	91.7	80	120	03/13/2024
Zinc		15.0		**424**	500.0	0	84.8	80	120	03/13/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 24020001
Client Project: COF-24Q1
Report Date: 09-Apr-24

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

Batch R343697 **SampType:** MS Units µg/L
SampID: 24020001-098DMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Zinc		15.0	S	**612**	500.0	3841	-645.8	75	125	02/28/2024

Batch R343697 **SampType:** MSD Units µg/L RPD Limit **20**
SampID: 24020001-098DMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Zinc		15.0	S	**562**	500.0	3841	-655.7	611.9	8.42	02/28/2024

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

Batch 218746 **SampType:** MBLK Units µg/L
SampID: MBLK-218746

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		25.0		**< 25.0**	12.50	0	0	-100	100	02/16/2024
Antimony		1.0		**< 1.0**	0.4500	0	0	-100	100	02/16/2024
Arsenic		1.0		**< 1.0**	0.3750	0	0	-100	100	02/16/2024
Barium		1.0		**< 1.0**	0.7000	0	0	-100	100	02/20/2024
Beryllium		1.0		**< 1.0**	0.2500	0	0	-100	100	02/16/2024
Boron		25.0		**< 25.0**	9.250	0	0	-100	100	02/19/2024
Cadmium		1.0		**< 1.0**	0.1340	0	0	-100	100	02/16/2024
Chromium		1.5		**< 1.5**	0.7000	0	0	-100	100	02/19/2024
Cobalt		1.0		**< 1.0**	0.1150	0	0	-100	100	02/16/2024
Copper		1.0		**< 1.0**	0.2980	0	0	-100	100	02/19/2024
Iron		25.0		**< 25.0**	11.50	0	0	-100	100	02/19/2024
Lead		1.0		**< 1.0**	0.6000	0	0	-100	100	02/20/2024
Lithium	*	3.0		**< 3.0**	1.450	0	0	-100	100	02/16/2024
Manganese		2.0		**< 2.0**	0.7500	0	0	-100	100	02/16/2024
Molybdenum		1.5		**< 1.5**	0.6000	0	0	-100	100	02/16/2024
Nickel		1.0		**< 1.0**	0.4300	0	0	-100	100	02/22/2024
Selenium		1.0		**< 1.0**	0.6000	0	0	-100	100	02/16/2024
Silver		1.0		**< 1.0**	0.1110	0	0	-100	100	02/16/2024
Silver		1.0		**< 1.0**	0.1110	0	0	-100	100	02/16/2024
Thallium		2.0		**< 2.0**	0.9500	0	0	-100	100	02/16/2024
Vanadium		5.0		**< 5.0**	5.000	0	0	-100	100	02/19/2024
Zinc		15.0		**< 15.0**	5.900	0	0	-100	100	02/19/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24020001

Client Project: COF-24Q1 **Report Date:** 09-Apr-24

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

Batch 218746 **SampType:** LCS Units **µg/L**

SampID: LCS-218746

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		25.0		**2240**	2000	0	112.0	80	120	02/21/2024
Antimony		1.0		**518**	500.0	0	103.6	80	120	02/16/2024
Arsenic		1.0		**525**	500.0	0	105.0	80	120	02/16/2024
Barium		1.0		**2190**	2000	0	109.3	80	120	02/21/2024
Beryllium		1.0		**52.5**	50.00	0	104.9	80	120	02/16/2024
Boron		25.0		**524**	500.0	0	104.9	80	120	02/19/2024
Cadmium		1.0		**50.2**	50.00	0	100.4	80	120	02/16/2024
Chromium		1.5		**208**	200.0	0	103.8	80	120	02/19/2024
Cobalt		1.0		**501**	500.0	0	100.3	80	120	02/16/2024
Copper		1.0		**260**	250.0	0	104.0	80	120	02/19/2024
Iron		25.0		**2180**	2000	0	108.9	80	120	02/19/2024
Lead		1.0		**543**	500.0	0	108.6	80	120	02/20/2024
Lithium	*	3.0		**510**	500.0	0	102.0	80	120	02/16/2024
Manganese		2.0		**540**	500.0	0	108.0	80	120	02/19/2024
Molybdenum		1.5		**494**	500.0	0	98.8	80	120	02/19/2024
Nickel		1.0		**549**	500.0	0	109.8	80	120	02/21/2024
Selenium		1.0		**498**	500.0	0	99.6	80	120	02/16/2024
Silver		1.0		**51.0**	50.00	0	102.0	80	120	02/16/2024
Silver		1.0		**51.7**	50.00	0	103.3	80	120	02/16/2024
Thallium		2.0		**266**	250.0	0	106.4	80	120	02/19/2024
Vanadium		5.0		**512**	500.0	0	102.4	80	120	02/19/2024
Zinc		15.0		**542**	500.0	0	108.5	80	120	02/21/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24020001

Client Project: COF-24Q1 **Report Date:** 09-Apr-24

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

Batch 218746 **SampType:** MS Units **µg/L**

SampID: 24020001-032CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		25.0		**2550**	2000	462.8	104.4	75	125	02/21/2024
Antimony		1.0		**499**	500.0	0.6628	99.7	75	125	02/16/2024
Arsenic		1.0		**530**	500.0	1.304	105.8	75	125	02/16/2024
Barium		1.0		**2130**	2000	70.23	102.8	75	125	02/21/2024
Beryllium		1.0		**53.3**	50.00	0	106.5	75	125	02/16/2024
Boron		25.0		**544**	500.0	30.00	102.8	75	125	02/19/2024
Cadmium		1.0		**48.5**	50.00	0	97.0	75	125	02/16/2024
Chromium		1.5		**192**	200.0	1.348	95.1	75	125	02/19/2024
Cobalt		1.0		**486**	500.0	0.2830	97.1	75	125	02/16/2024
Copper		1.0		**232**	250.0	2.479	91.9	75	125	02/19/2024
Iron		25.0		**3520**	2000	1452	103.4	75	125	02/19/2024
Lead		1.0		**506**	500.0	0	101.2	75	125	02/20/2024
Lithium	*	3.0		**504**	500.0	5.150	99.8	75	125	02/16/2024
Manganese		2.0		**794**	500.0	311.2	96.5	75	125	02/19/2024
Molybdenum		1.5		**481**	500.0	3.115	95.6	75	125	02/19/2024
Nickel		1.0		**505**	500.0	2.636	100.6	75	125	02/21/2024
Selenium		1.0		**484**	500.0	0	96.7	75	125	02/16/2024
Silver		1.0		**60.2**	50.00	0	120.3	75	125	02/16/2024
Thallium		2.0		**233**	250.0	0	93.4	75	125	02/22/2024
Vanadium		5.0		**486**	500.0	0	97.2	75	125	02/19/2024
Zinc		15.0		**527**	500.0	21.62	101.0	75	125	02/21/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll
Work Order: 24020001
Client Project: COF-24Q1
Report Date: 09-Apr-24

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

Batch 218746 **SampType:** MSD Units **µg/L** RPD Limit **20**
SampID: 24020001-032CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Aluminum		25.0		**2520**	2000	462.8	102.7	2551	1.37	02/21/2024
Antimony		1.0		**519**	500.0	0.6628	103.7	499.0	3.92	02/16/2024
Arsenic		1.0		**538**	500.0	1.304	107.4	530.4	1.45	02/16/2024
Barium		1.0		**2210**	2000	70.23	107.2	2127	4.07	02/21/2024
Beryllium		1.0		**53.8**	50.00	0	107.6	53.26	0.97	02/16/2024
Boron		25.0		**528**	500.0	30.00	99.7	543.9	2.90	02/19/2024
Cadmium		1.0		**49.9**	50.00	0	99.9	48.50	2.90	02/16/2024
Chromium		1.5		**203**	200.0	1.348	100.9	191.6	5.82	02/19/2024
Cobalt		1.0		**501**	500.0	0.2830	100.2	485.8	3.13	02/16/2024
Copper		1.0		**250**	250.0	2.479	98.9	232.3	7.21	02/19/2024
Iron		25.0		**3430**	2000	1452	98.9	3519	2.59	02/19/2024
Lead		1.0		**541**	500.0	0	108.2	506.2	6.63	02/20/2024
Lithium	*	3.0		**515**	500.0	5.150	102.0	504.3	2.09	02/16/2024
Manganese		2.0		**837**	500.0	311.2	105.2	793.8	5.31	02/19/2024
Molybdenum		1.5		**504**	500.0	3.115	100.2	481.4	4.59	02/19/2024
Nickel		1.0		**522**	500.0	2.636	103.9	505.4	3.24	02/21/2024
Selenium		1.0		**491**	500.0	0	98.3	483.7	1.54	02/16/2024
Silver		1.0		**49.7**	50.00	0	99.4	60.15	19.03	02/16/2024
Thallium		2.0		**251**	250.0	0	100.2	233.5	7.05	02/22/2024
Vanadium		5.0		**514**	500.0	0	102.9	485.8	5.69	02/19/2024
Zinc		15.0		**547**	500.0	21.62	105.0	526.8	3.72	02/21/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll **Work Order:** 24020001

Client Project: COF-24Q1 **Report Date:** 09-Apr-24

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

Batch 218807 **SampType:** MBLK Units **µg/L**

SampID: MBLK-218807

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		25.0		**< 25.0**	12.50	0	0	-100	100	02/21/2024
Antimony		1.0		**< 1.0**	0.4500	0	0	-100	100	02/21/2024
Arsenic		1.0		**< 1.0**	0.3750	0	0	-100	100	02/21/2024
Barium		1.0		**< 1.0**	0.7000	0	0	-100	100	02/21/2024
Beryllium		1.0		**< 1.0**	0.2500	0	0	-100	100	02/21/2024
Boron		25.0		**< 25.0**	9.250	0	0	-100	100	02/19/2024
Cadmium		1.0		**< 1.0**	0.1340	0	0	-100	100	02/21/2024
Chromium		1.5		**< 1.5**	0.7000	0	0	-100	100	02/19/2024
Cobalt		1.0		**< 1.0**	0.1150	0	0	-100	100	02/21/2024
Copper		1.0		**< 1.0**	0.2980	0	0	-100	100	02/19/2024
Iron		75.0		**< 75.0**	11.50	0	0	-100	100	02/19/2024
Lead		1.0		**< 1.0**	0.6000	0	0	-100	100	02/21/2024
Manganese		2.0		**< 2.0**	0.7500	0	0	-100	100	02/19/2024
Molybdenum		1.5		**< 1.5**	0.6000	0	0	-100	100	02/19/2024
Selenium		1.0		**< 1.0**	0.6000	0	0	-100	100	02/19/2024
Silver		1.0		**< 1.0**	0.1110	0	0	-100	100	02/21/2024
Thallium		2.0		**< 2.0**	0.9500	0	0	-100	100	02/19/2024
Vanadium		5.0		**< 5.0**	5.000	0	0	-100	100	02/19/2024
Zinc		15.0		**< 15.0**	5.900	0	0	-100	100	02/19/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll **Work Order:** 24020001

Client Project: COF-24Q1 **Report Date:** 09-Apr-24

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

Batch 218807 **SampType:** LCS Units **µg/L**

SampID: LCS-218807

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		25.0		**2270**	2000	0	113.4	80	120	02/21/2024
Antimony		1.0		**556**	500.0	0	111.2	80	120	02/22/2024
Arsenic		1.0		**600**	500.0	0	120.0	80	120	02/22/2024
Arsenic		1.0	S	**604**	500.0	0	120.9	80	120	02/21/2024
Barium		1.0		**2250**	2000	0	112.3	80	120	02/21/2024
Beryllium		1.0		**54.7**	50.00	0	109.4	80	120	02/21/2024
Boron		25.0		**542**	500.0	0	108.3	80	120	02/19/2024
Cadmium		1.0		**57.0**	50.00	0	114.0	80	120	02/21/2024
Chromium		1.5		**212**	200.0	0	106.1	80	120	02/19/2024
Cobalt		1.0		**555**	500.0	0	110.9	80	120	02/21/2024
Iron		25.0		**2130**	2000	0	106.3	80	120	02/19/2024
Lead		1.0	S	**704**	500.0	0	140.9	80	120	02/21/2024
Manganese		2.0		**554**	500.0	0	110.7	80	120	02/19/2024
Molybdenum		1.5		**509**	500.0	0	101.9	80	120	02/19/2024
Selenium		1.0		**578**	500.0	0	115.5	80	120	02/21/2024
Silver		1.0		**57.0**	50.00	0	114.1	80	120	02/21/2024
Thallium		2.0		**258**	250.0	0	103.4	80	120	02/19/2024
Vanadium		5.0		**529**	500.0	0	105.7	80	120	02/19/2024
Zinc		15.0	S	**7740**	500.0	0	1548	80	120	02/21/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll
Work Order: 24020001
Client Project: COF-24Q1
Report Date: 09-Apr-24

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

Batch 218807 **SampType:** MS Units **µg/L**
SampID: 24020001-005CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		25.0		**2490**	2000	382.6	105.2	75	125	02/21/2024
Antimony		1.0		**556**	500.0	0	111.3	75	125	02/22/2024
Arsenic		1.0		**581**	500.0	0	116.2	75	125	02/21/2024
Barium		1.0		**2250**	2000	65.43	109.1	75	125	02/21/2024
Beryllium		1.0		**56.5**	50.00	0	113.1	75	125	02/21/2024
Boron		25.0		**570**	500.0	10.47	111.9	75	125	02/19/2024
Cadmium		1.0		**55.5**	50.00	0	111.0	75	125	02/21/2024
Chromium		1.5		**208**	200.0	2.523	102.5	75	125	02/19/2024
Cobalt		1.0		**516**	500.0	0	103.1	75	125	02/21/2024
Copper		1.0		**243**	250.0	0.8241	96.7	75	125	02/19/2024
Iron		25.0		**2550**	2000	375.2	108.6	75	125	02/19/2024
Lead		1.0		**555**	500.0	0	111.0	75	125	02/21/2024
Manganese		2.0		**544**	500.0	16.46	105.5	75	125	02/19/2024
Molybdenum		1.5		**487**	500.0	0	97.4	75	125	02/19/2024
Selenium		1.0		**562**	500.0	3.144	111.8	75	125	02/21/2024
Silver		1.0		**54.0**	50.00	0	108.0	75	125	02/21/2024
Thallium		2.0		**249**	250.0	0	99.4	75	125	02/19/2024
Vanadium		5.0		**518**	500.0	0	103.5	75	125	02/19/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll **Work Order:** 24020001

Client Project: COF-24Q1 **Report Date:** 09-Apr-24

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

Batch 218807 **SampType:** MSD Units **µg/L** RPD Limit **20**

SampID: 24020001-005CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Aluminum		25.0		**2520**	2000	382.6	107.0	2487	1.39	02/21/2024
Antimony		1.0		**563**	500.0	0	112.6	556.4	1.19	02/22/2024
Arsenic		1.0		**577**	500.0	0	115.5	580.8	0.60	02/21/2024
Barium		1.0		**2290**	2000	65.43	111.1	2248	1.71	02/21/2024
Beryllium		1.0		**55.1**	50.00	0	110.3	56.54	2.49	02/21/2024
Boron		25.0		**532**	500.0	10.47	104.3	570.2	6.95	02/19/2024
Cadmium		1.0		**56.2**	50.00	0	112.5	55.50	1.33	02/21/2024
Chromium		1.5		**208**	200.0	2.523	102.9	207.6	0.33	02/19/2024
Cobalt		1.0		**506**	500.0	0	101.2	515.7	1.89	02/21/2024
Copper		1.0		**252**	250.0	0.8241	100.5	242.6	3.85	02/19/2024
Iron		25.0		**2430**	2000	375.2	102.6	2548	4.86	02/19/2024
Lead		1.0		**553**	500.0	0	110.5	555.1	0.43	02/21/2024
Manganese		2.0		**546**	500.0	16.46	106.0	543.9	0.43	02/19/2024
Molybdenum		1.5		**485**	500.0	0	96.9	487.1	0.53	02/19/2024
Selenium		1.0		**566**	500.0	3.144	112.6	562.3	0.72	02/21/2024
Silver		1.0		**57.6**	50.00	0	115.1	54.00	6.39	02/21/2024
Thallium		2.0		**272**	250.0	0	109.0	248.5	9.18	02/19/2024
Vanadium		5.0		**520**	500.0	0	104.0	517.6	0.44	02/19/2024

Batch 218847 **SampType:** MBLK Units **µg/L**

SampID: MBLK-218847

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	02/21/2024
Arsenic		1.0		**< 1.0**	0.3750	0	0	-100	100	02/21/2024
Barium		1.0		**< 1.0**	0.7000	0	0	-100	100	02/21/2024
Beryllium		1.0		**< 1.0**	0.2500	0	0	-100	100	02/21/2024
Cadmium		1.0		**< 1.0**	0.1340	0	0	-100	100	02/21/2024
Chromium		1.5		**< 1.5**	0.7000	0	0	-100	100	02/22/2024
Cobalt		1.0		**< 1.0**	0.1150	0	0	-100	100	02/21/2024
Lithium	*	3.0		**< 3.0**	1.450	0	0	-100	100	02/21/2024
Manganese		2.0		**< 2.0**	0.7500	0	0	-100	100	02/21/2024
Molybdenum		1.5		**< 1.5**	0.6000	0	0	-100	100	02/21/2024
Selenium		1.0		**< 1.0**	0.6000	0	0	-100	100	02/21/2024
Silver		1.0		**< 1.0**	0.1110	0	0	-100	100	02/21/2024
Thallium		2.0		**< 2.0**	0.9500	0	0	-100	100	02/21/2024
Vanadium		5.0		**< 5.0**	5.000	0	0	-100	100	02/21/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll **Work Order:** 24020001

Client Project: COF-24Q1 **Report Date:** 09-Apr-24

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

Batch 218847 **SampType:** LCS Units **µg/L**

SampID: LCS-218847

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		1.0		**527**	500.0	0	105.4	80	120	02/21/2024
Arsenic		1.0		**560**	500.0	0	112.1	80	120	02/21/2024
Barium		1.0		**2080**	2000	0	104.1	80	120	02/21/2024
Beryllium		1.0		**51.2**	50.00	0	102.5	80	120	02/21/2024
Cadmium		1.0		**52.6**	50.00	0	105.2	80	120	02/21/2024
Cobalt		1.0		**515**	500.0	0	103.0	80	120	02/21/2024
Lithium	*	3.0		**491**	500.0	0	98.2	80	120	02/21/2024
Manganese		2.0		**513**	500.0	0	102.5	80	120	02/21/2024
Molybdenum		1.5		**483**	500.0	0	96.5	80	120	02/21/2024
Selenium		1.0		**551**	500.0	0	110.1	80	120	02/21/2024
Silver		1.0		**51.7**	50.00	0	103.4	80	120	02/21/2024
Thallium		2.0		**225**	250.0	0	90.0	80	120	02/22/2024
Vanadium		5.0		**501**	500.0	0	100.2	80	120	02/22/2024

Batch 218847 **SampType:** MS Units **µg/L**

SampID: 24020001-071BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		1.0		**534**	500.0	0	106.8	75	125	02/22/2024
Arsenic		1.0		**542**	500.0	0	108.3	75	125	02/22/2024
Barium		1.0		**2080**	2000	17.53	103.1	75	125	02/22/2024
Cadmium		1.0		**52.8**	50.00	0	105.6	75	125	02/22/2024
Molybdenum		1.5		**493**	500.0	0	98.7	75	125	02/22/2024
Selenium		1.0		**526**	500.0	0	105.2	75	125	02/22/2024

Batch 218847 **SampType:** MSD Units **µg/L** RPD Limit **20**

SampID: 24020001-071BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Antimony		1.0		**517**	500.0	0	103.5	534.0	3.16	02/22/2024
Arsenic		1.0		**540**	500.0	0	108.0	541.7	0.27	02/22/2024
Barium		1.0		**2030**	2000	17.53	100.4	2079	2.60	02/22/2024
Cadmium		1.0		**50.1**	50.00	0	100.3	52.80	5.19	02/22/2024
Molybdenum		1.5		**467**	500.0	0	93.5	493.5	5.45	02/22/2024
Selenium		1.0		**536**	500.0	0	107.2	525.9	1.86	02/22/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll **Work Order:** 24020001

Client Project: COF-24Q1 **Report Date:** 09-Apr-24

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

Batch 218873 **SampType:** MBLK Units µg/L

SampID: MBLK-218873

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		1.0	S	**1.1**	0.4500	0	240.4	-100	100	02/20/2024
Arsenic		1.0		**< 1.0**	0.3750	0	0	-100	100	02/20/2024
Barium		1.0		**< 1.0**	0.7000	0	0	-100	100	02/20/2024
Beryllium		1.0		**< 1.0**	0.2500	0	0	-100	100	02/20/2024
Boron		25.0		**< 25.0**	9.250	0	0	-100	100	02/20/2024
Cadmium		1.0		**< 1.0**	0.1340	0	0	-100	100	02/20/2024
Chromium		1.5		**< 1.5**	0.7000	0	0	-100	100	02/20/2024
Cobalt		1.0		**< 1.0**	0.1150	0	0	-100	100	02/20/2024
Lead		1.0		**< 1.0**	0.6000	0	0	-100	100	02/20/2024
Lithium	*	3.0		**< 3.0**	1.450	0	0	-100	100	02/20/2024
Molybdenum		1.5		**< 1.5**	0.6000	0	0	-100	100	02/20/2024
Selenium		1.0		**< 1.0**	0.6000	0	0	-100	100	02/20/2024
Thallium		2.0		**< 2.0**	0.9500	0	0	-100	100	02/20/2024

Batch 218873 **SampType:** LCS Units µg/L

SampID: LCS-218873

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		1.0	B	**509**	500.0	0	101.8	80	120	02/20/2024
Arsenic		1.0		**523**	500.0	0	104.6	80	120	02/20/2024
Barium		1.0		**2190**	2000	0	109.3	80	120	02/20/2024
Beryllium		1.0		**53.8**	50.00	0	107.5	80	120	02/20/2024
Boron		25.0		**509**	500.0	0	101.7	80	120	02/20/2024
Cadmium		1.0		**50.0**	50.00	0	99.9	80	120	02/20/2024
Chromium		1.5		**193**	200.0	0	96.4	80	120	02/20/2024
Cobalt		1.0		**493**	500.0	0	98.6	80	120	02/20/2024
Lead		1.0		**518**	500.0	0	103.6	80	120	02/20/2024
Lithium	*	3.0		**505**	500.0	0	101.0	80	120	02/20/2024
Molybdenum		1.5		**452**	500.0	0	90.4	80	120	02/20/2024
Selenium		1.0		**508**	500.0	0	101.6	80	120	02/20/2024
Thallium		2.0		**233**	250.0	0	93.1	80	120	02/20/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24020001

Client Project: COF-24Q1 **Report Date:** 09-Apr-24

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

Batch 218955 **SampType:** MBLK Units **µg/L**

SampID: MBLK-218955

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		25.0		**< 25.0**	12.50	0	0	-100	100	02/23/2024
Antimony		1.0		**< 1.0**	0.4500	0	0	-100	100	02/23/2024
Arsenic		1.0		**< 1.0**	0.3750	0	0	-100	100	02/23/2024
Barium		1.0		**< 1.0**	0.7000	0	0	-100	100	02/23/2024
Beryllium		1.0		**< 1.0**	0.2500	0	0	-100	100	02/23/2024
Boron		25.0		**< 25.0**	9.250	0	0	-100	100	02/23/2024
Cadmium		1.0		**< 1.0**	0.1340	0	0	-100	100	02/23/2024
Chromium		1.5		**< 1.5**	0.7000	0	0	-100	100	02/23/2024
Cobalt		1.0		**< 1.0**	0.1150	0	0	-100	100	02/23/2024
Copper		1.0		**< 1.0**	0.2980	0	0	-100	100	02/26/2024
Iron		25.0		**< 25.0**	11.50	0	0	-100	100	02/23/2024
Lead		1.0		**< 1.0**	0.6000	0	0	-100	100	02/23/2024
Lithium	*	3.0		**< 3.0**	1.450	0	0	-100	100	02/23/2024
Manganese		2.0		**< 2.0**	0.7500	0	0	-100	100	02/23/2024
Nickel		1.0		**< 1.0**	0.4300	0	0	-100	100	02/26/2024
Nickel		1.0		**< 1.0**	0.4300	0	0	-100	100	02/23/2024
Selenium		1.0		**< 1.0**	0.6000	0	0	-100	100	02/26/2024
Silver		1.0		**< 1.0**	0.1110	0	0	-100	100	02/23/2024
Thallium		2.0		**< 2.0**	0.9500	0	0	-100	100	02/23/2024
Vanadium		5.0		**< 5.0**	5.000	0	0	-100	100	02/23/2024
Zinc		15.0		**< 15.0**	5.900	0	0	-100	100	02/23/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll
Work Order: 24020001
Client Project: COF-24Q1
Report Date: 09-Apr-24

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

Batch 218955 **SampType:** LCS Units **µg/L**
SampID: LCS-218955

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		25.0		**1790**	2000	0	89.6	80	120	02/23/2024
Antimony		1.0		**494**	500.0	0	98.8	80	120	02/23/2024
Arsenic		1.0		**523**	500.0	0	104.5	80	120	02/23/2024
Barium		1.0		**2160**	2000	0	107.8	80	120	02/23/2024
Beryllium		1.0		**46.6**	50.00	0	93.2	80	120	02/23/2024
Boron		25.0		**454**	500.0	0	90.7	80	120	02/23/2024
Cadmium		1.0		**48.5**	50.00	0	96.9	80	120	02/23/2024
Chromium		1.5		**194**	200.0	0	96.8	80	120	02/23/2024
Cobalt		1.0		**486**	500.0	0	97.2	80	120	02/23/2024
Copper		1.0		**256**	250.0	0	102.5	80	120	02/26/2024
Iron		25.0		**1920**	2000	0	96.2	80	120	02/23/2024
Lead		1.0		**497**	500.0	0	99.4	80	120	02/23/2024
Lithium	*	3.0		**441**	500.0	0	88.2	80	120	02/23/2024
Manganese		2.0		**497**	500.0	0	99.4	80	120	02/23/2024
Nickel		1.0		**486**	500.0	0	97.2	80	120	02/23/2024
Nickel		1.0		**500**	500.0	0	100.0	80	120	02/26/2024
Selenium		1.0		**558**	500.0	0	111.6	80	120	02/26/2024
Silver		1.0		**45.8**	50.00	0	91.7	80	120	02/23/2024
Thallium		2.0		**232**	250.0	0	92.8	80	120	02/23/2024
Vanadium		5.0		**481**	500.0	0	96.2	80	120	02/23/2024
Zinc		15.0		**449**	500.0	0	89.7	80	120	02/23/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24020001

Client Project: COF-24Q1 **Report Date:** 09-Apr-24

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

Batch 218955 **SampType:** MS Units **µg/L**

SampID: 24020001-045CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		25.0		**2640**	2000	637.0	100.2	75	125	02/27/2024
Antimony		1.0		**496**	500.0	1.065	99.0	75	125	02/23/2024
Arsenic		1.0		**546**	500.0	2.045	108.8	75	125	02/23/2024
Barium		1.0		**2220**	2000	59.15	108.2	75	125	02/23/2024
Beryllium		1.0		**48.9**	50.00	0	97.7	75	125	02/23/2024
Boron		25.0		**545**	500.0	92.48	90.5	75	125	02/23/2024
Cadmium		1.0		**48.0**	50.00	0	96.1	75	125	02/23/2024
Chromium		1.5		**195**	200.0	3.788	95.5	75	125	02/23/2024
Cobalt		1.0		**479**	500.0	0.9776	95.6	75	125	02/23/2024
Copper		1.0		**255**	250.0	1.669	101.5	75	125	02/27/2024
Iron		25.0		**3220**	2000	1066	107.8	75	125	02/27/2024
Lead		1.0		**510**	500.0	1.185	101.8	75	125	02/23/2024
Lithium	*	3.0		**464**	500.0	8.465	91.1	75	125	02/23/2024
Manganese		2.0		**661**	500.0	227.8	86.6	75	125	02/23/2024
Molybdenum		1.5		**509**	500.0	0.7531	101.7	75	125	02/27/2024
Nickel		1.0		**472**	500.0	4.004	93.6	75	125	02/23/2024
Selenium		1.0		**523**	500.0	0	104.6	75	125	02/27/2024
Silver		1.0		**44.7**	50.00	0	89.3	75	125	02/23/2024
Thallium		2.0		**246**	250.0	0	98.5	75	125	02/23/2024
Vanadium		5.0		**497**	500.0	3.550	98.6	75	125	02/23/2024
Zinc		15.0		**449**	500.0	7.383	88.2	75	125	02/23/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll
Work Order: 24020001
Client Project: COF-24Q1
Report Date: 09-Apr-24

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

Batch 218955 **SampType:** MSD Units **µg/L** RPD Limit **20**
SampID: 24020001-045CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Aluminum		25.0		**2590**	2000	637.0	97.7	2641	1.95	02/27/2024
Antimony		1.0		**493**	500.0	1.065	98.4	496.0	0.64	02/23/2024
Arsenic		1.0		**530**	500.0	2.045	105.5	546.1	3.07	02/23/2024
Barium		1.0		**2170**	2000	59.15	105.8	2223	2.21	02/23/2024
Beryllium		1.0		**47.6**	50.00	0	95.3	48.85	2.49	02/23/2024
Boron		25.0		**537**	500.0	92.48	88.9	544.8	1.46	02/23/2024
Cadmium		1.0		**47.4**	50.00	0	94.9	48.03	1.23	02/23/2024
Chromium		1.5		**191**	200.0	3.788	93.7	194.7	1.81	02/23/2024
Cobalt		1.0		**469**	500.0	0.9776	93.6	479.0	2.09	02/23/2024
Copper		1.0		**255**	250.0	1.669	101.3	255.4	0.14	02/27/2024
Iron		25.0		**3260**	2000	1066	110.0	3221	1.36	02/27/2024
Lead		1.0		**501**	500.0	1.185	99.9	510.1	1.90	02/23/2024
Lithium	*	3.0		**456**	500.0	8.465	89.6	464.1	1.68	02/23/2024
Manganese		2.0		**649**	500.0	227.8	84.2	660.9	1.83	02/23/2024
Molybdenum		1.5		**512**	500.0	0.7531	102.2	509.1	0.53	02/27/2024
Nickel		1.0		**462**	500.0	4.004	91.5	472.0	2.22	02/23/2024
Selenium		1.0		**531**	500.0	0	106.1	522.9	1.47	02/27/2024
Silver		1.0		**44.1**	50.00	0	88.3	44.66	1.16	02/23/2024
Thallium		2.0		**240**	250.0	0	95.8	246.3	2.74	02/23/2024
Vanadium		5.0		**487**	500.0	3.550	96.7	496.6	1.98	02/23/2024
Zinc		15.0		**435**	500.0	7.383	85.4	448.6	3.18	02/23/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24020001

Client Project: COF-24Q1 **Report Date:** 09-Apr-24

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

Batch 218955 **SampType:** MS Units **µg/L**

SampID: 24020001-100CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		25.0		**1940**	2000	226.9	85.9	75	125	02/23/2024
Antimony		1.0		**506**	500.0	0.7802	101.0	75	125	02/23/2024
Arsenic		1.0		**553**	500.0	0.8503	110.5	75	125	02/23/2024
Barium		1.0		**2210**	2000	46.88	107.9	75	125	02/23/2024
Beryllium		1.0		**49.1**	50.00	0	98.2	75	125	02/23/2024
Boron		25.0		**560**	500.0	129.3	86.1	75	125	02/23/2024
Cadmium		1.0		**48.6**	50.00	0	97.2	75	125	02/23/2024
Chromium		1.5		**193**	200.0	2.478	95.4	75	125	02/23/2024
Cobalt		1.0		**500**	500.0	0.1752	99.9	75	125	02/27/2024
Cobalt		1.0		**476**	500.0	0.2522	95.1	75	125	02/23/2024
Iron		25.0		**2200**	2000	330.7	93.3	75	125	02/23/2024
Lead		1.0		**512**	500.0	0	102.4	75	125	02/23/2024
Lithium	*	3.0		**456**	500.0	7.805	89.6	75	125	02/23/2024
Manganese		2.0		**556**	500.0	94.88	92.3	75	125	02/23/2024
Molybdenum		1.5		**512**	500.0	0.8201	102.3	75	125	02/27/2024
Nickel		1.0		**470**	500.0	2.170	93.5	75	125	02/23/2024
Selenium		1.0		**534**	500.0	0	106.8	75	125	02/27/2024
Silver		1.0		**45.1**	50.00	0	90.2	75	125	02/23/2024
Thallium		2.0		**242**	250.0	0	97.0	75	125	02/23/2024
Vanadium		5.0		**494**	500.0	0	98.9	75	125	02/23/2024
Zinc		15.0		**528**	500.0	0	105.6	75	125	02/27/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24020001

Client Project: COF-24Q1 **Report Date:** 09-Apr-24

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

Batch 218955 **SampType:** MSD Units **µg/L** RPD Limit **20**

SampID: 24020001-100CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Aluminum		25.0		**1860**	2000	226.9	81.7	1944	4.35	02/23/2024
Antimony		1.0		**499**	500.0	0.7802	99.6	505.8	1.44	02/23/2024
Arsenic		1.0		**538**	500.0	0.8503	107.4	553.4	2.84	02/23/2024
Barium		1.0		**2160**	2000	46.88	105.9	2206	1.88	02/23/2024
Beryllium		1.0		**46.4**	50.00	0	92.9	49.12	5.61	02/23/2024
Boron		25.0		**532**	500.0	129.3	80.6	559.6	4.99	02/23/2024
Cadmium		1.0		**48.0**	50.00	0	96.0	48.60	1.20	02/23/2024
Chromium		1.5		**186**	200.0	2.478	91.9	193.2	3.64	02/23/2024
Cobalt		1.0		**499**	500.0	0.1752	99.8	499.7	0.10	02/27/2024
Cobalt		1.0		**463**	500.0	0.2522	92.6	475.5	2.62	02/23/2024
Iron		25.0		**2120**	2000	330.7	89.4	2196	3.56	02/23/2024
Lead		1.0		**495**	500.0	0	99.0	512.1	3.37	02/23/2024
Lithium	*	3.0		**441**	500.0	7.805	86.7	455.8	3.27	02/23/2024
Manganese		2.0		**536**	500.0	94.88	88.3	556.2	3.61	02/23/2024
Molybdenum		1.5		**519**	500.0	0.8201	103.6	512.2	1.31	02/27/2024
Nickel		1.0		**453**	500.0	2.170	90.2	469.9	3.61	02/23/2024
Selenium		1.0		**525**	500.0	0	105.0	534.2	1.77	02/27/2024
Silver		1.0		**44.5**	50.00	0	89.1	45.08	1.18	02/23/2024
Thallium		2.0		**235**	250.0	0	94.1	242.5	2.99	02/23/2024
Vanadium		5.0		**477**	500.0	0	95.4	494.3	3.58	02/23/2024
Zinc		15.0		**519**	500.0	0	103.9	528.1	1.69	02/27/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll **Work Order:** 24020001

Client Project: COF-24Q1 **Report Date:** 09-Apr-24

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

Batch 219022 **SampType:** MBLK Units µg/L

SampID: MBLK-219022

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		25.0		**< 25.0**	12.50	0	0	-100	100	02/23/2024
Antimony		1.0	S	**1.2**	0.4500	0	266.6	-100	100	02/27/2024
Antimony		1.0		**< 1.0**	0.4500	0	0	-100	100	02/28/2024
Arsenic		1.0		**< 1.0**	0.3750	0	0	-100	100	02/23/2024
Barium		1.0		**< 1.0**	0.7000	0	0	-100	100	02/23/2024
Beryllium		1.0		**< 1.0**	0.2500	0	0	-100	100	02/23/2024
Boron		25.0		**< 25.0**	9.250	0	0	-100	100	02/27/2024
Cadmium		1.0		**< 1.0**	0.1340	0	0	-100	100	02/23/2024
Chromium		1.5		**< 1.5**	0.7000	0	0	-100	100	02/23/2024
Cobalt		1.0		**< 1.0**	0.1150	0	0	-100	100	02/23/2024
Copper		1.0		**< 1.0**	0.2980	0	0	-100	100	02/23/2024
Iron		25.0		**< 25.0**	11.50	0	0	-100	100	02/23/2024
Lead		1.0		**< 1.0**	0.6000	0	0	-100	100	02/23/2024
Lithium	*	3.0		**< 3.0**	1.450	0	0	-100	100	02/23/2024
Manganese		2.0		**< 2.0**	0.7500	0	0	-100	100	02/23/2024
Molybdenum		1.5		**< 1.5**	0.6000	0	0	-100	100	02/27/2024
Nickel		1.0		**< 1.0**	0.4300	0	0	-100	100	02/23/2024
Selenium		1.0		**< 1.0**	0.6000	0	0	-100	100	02/27/2024
Silver		1.0		**< 1.0**	0.1110	0	0	-100	100	02/23/2024
Thallium		2.0		**< 2.0**	0.9500	0	0	-100	100	02/23/2024
Vanadium		5.0		**< 5.0**	5.000	0	0	-100	100	02/23/2024
Zinc		15.0		**< 15.0**	5.900	0	0	-100	100	02/27/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24020001

Client Project: COF-24Q1 **Report Date:** 09-Apr-24

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

Batch 219022 **SampType:** LCS Units **µg/L**

SampID: LCS-219022

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		25.0		**1800**	2000	0	90.2	80	120	02/23/2024
Antimony		1.0	B	**549**	500.0	0	109.8	80	120	02/27/2024
Arsenic		1.0		**532**	500.0	0	106.4	80	120	02/23/2024
Barium		1.0		**2170**	2000	0	108.6	80	120	02/23/2024
Beryllium		1.0		**49.4**	50.00	0	98.9	80	120	02/23/2024
Boron		25.0		**535**	500.0	0	107.1	80	120	02/27/2024
Cadmium		1.0		**48.8**	50.00	0	97.5	80	120	02/23/2024
Chromium		1.5		**197**	200.0	0	98.4	80	120	02/23/2024
Cobalt		1.0		**480**	500.0	0	96.0	80	120	02/23/2024
Copper		1.0		**248**	250.0	0	99.2	80	120	02/23/2024
Iron		25.0		**1930**	2000	0	96.4	80	120	02/23/2024
Lead		1.0		**499**	500.0	0	99.9	80	120	02/23/2024
Lithium	*	3.0		**456**	500.0	0	91.2	80	120	02/23/2024
Manganese		2.0		**497**	500.0	0	99.3	80	120	02/23/2024
Molybdenum		1.5		**493**	500.0	0	98.5	80	120	02/27/2024
Nickel		1.0		**484**	500.0	0	96.7	80	120	02/23/2024
Selenium		1.0		**525**	500.0	0	105.0	80	120	02/27/2024
Silver		1.0		**45.9**	50.00	0	91.8	80	120	02/23/2024
Thallium		2.0		**237**	250.0	0	94.6	80	120	02/23/2024
Vanadium		5.0		**491**	500.0	0	98.3	80	120	02/23/2024
Zinc		15.0		**535**	500.0	0	106.9	80	120	02/27/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24020001

Client Project: COF-24Q1 **Report Date:** 09-Apr-24

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

Batch 219022 **SampType:** MS Units **µg/L**

SampID: 24020001-052CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		25.0		**2030**	2000	195.4	91.9	75	125	02/23/2024
Antimony		1.0	B	**539**	500.0	0	107.7	75	125	02/27/2024
Arsenic		1.0		**560**	500.0	0.8986	111.8	75	125	02/23/2024
Barium		1.0		**2320**	2000	36.03	114.1	75	125	02/23/2024
Beryllium		1.0		**47.3**	50.00	0	94.7	75	125	02/23/2024
Boron		25.0		**4070**	500.0	3555	103.6	75	125	02/27/2024
Cadmium		1.0		**49.1**	50.00	0.2132	97.8	75	125	02/23/2024
Chromium		1.5		**194**	200.0	1.487	96.3	75	125	02/23/2024
Cobalt		1.0		**479**	500.0	0.1900	95.8	75	125	02/23/2024
Copper		1.0		**233**	250.0	1.757	92.3	75	125	02/23/2024
Iron		25.0		**2190**	2000	214.4	98.7	75	125	02/23/2024
Lead		1.0		**529**	500.0	0	105.9	75	125	02/23/2024
Lithium	*	3.0		**479**	500.0	14.11	92.9	75	125	02/23/2024
Manganese		2.0		**599**	500.0	122.8	95.2	75	125	02/23/2024
Molybdenum		1.5		**526**	500.0	0.6103	105.0	75	125	02/27/2024
Nickel		1.0		**471**	500.0	10.15	92.2	75	125	02/23/2024
Selenium		1.0		**534**	500.0	1.083	106.6	75	125	02/27/2024
Silver		1.0		**44.7**	50.00	0	89.4	75	125	02/23/2024
Thallium		2.0		**257**	250.0	0	102.7	75	125	02/23/2024
Vanadium		5.0		**503**	500.0	0	100.6	75	125	02/23/2024
Zinc		15.0		**504**	500.0	6.333	99.5	75	125	02/27/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24020001

Client Project: COF-24Q1 **Report Date:** 09-Apr-24

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

Batch 219022 **SampType:** MSD Units **µg/L** RPD Limit **20**

SampID: 24020001-052CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Aluminum		25.0		**2020**	2000	195.4	91.0	2033	0.87	02/23/2024
Antimony		1.0	B	**564**	500.0	0	112.7	538.6	4.56	02/27/2024
Arsenic		1.0		**548**	500.0	0.8986	109.5	560.1	2.14	02/23/2024
Barium		1.0		**2230**	2000	36.03	109.5	2318	4.05	02/23/2024
Beryllium		1.0		**46.2**	50.00	0	92.3	47.35	2.55	02/23/2024
Boron		25.0		**4150**	500.0	3555	118.3	4074	1.79	02/27/2024
Cadmium		1.0		**46.6**	50.00	0.2132	92.8	49.11	5.25	02/23/2024
Chromium		1.5		**189**	200.0	1.487	93.6	194.2	2.90	02/23/2024
Cobalt		1.0		**472**	500.0	0.1900	94.4	479.0	1.44	02/23/2024
Copper		1.0		**226**	250.0	1.757	89.7	232.6	2.84	02/23/2024
Iron		25.0		**2150**	2000	214.4	96.8	2189	1.72	02/23/2024
Lead		1.0		**516**	500.0	0	103.1	529.3	2.64	02/23/2024
Lithium	*	3.0		**448**	500.0	14.11	86.8	478.7	6.60	02/23/2024
Manganese		2.0		**590**	500.0	122.8	93.4	598.5	1.45	02/23/2024
Molybdenum		1.5		**551**	500.0	0.6103	110.2	525.7	4.77	02/27/2024
Nickel		1.0		**459**	500.0	10.15	89.8	471.0	2.54	02/23/2024
Selenium		1.0		**549**	500.0	1.083	109.5	534.3	2.64	02/27/2024
Silver		1.0		**42.7**	50.00	0	85.5	44.70	4.51	02/23/2024
Thallium		2.0		**252**	250.0	0	100.7	256.8	1.95	02/23/2024
Vanadium		5.0		**492**	500.0	0	98.4	503.1	2.23	02/23/2024
Zinc		15.0		**507**	500.0	6.333	100.1	503.8	0.63	02/27/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll **Work Order:** 24020001

Client Project: COF-24Q1 **Report Date:** 09-Apr-24

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

Batch 219022 **SampType:** MS Units **µg/L**

SampID: 24020001-079BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		1.0	B	**560**	500.0	0	112.0	75	125	02/27/2024
Arsenic		1.0		**564**	500.0	0	112.9	75	125	02/24/2024
Barium		1.0		**2280**	2000	11.82	113.4	75	125	02/24/2024
Beryllium		1.0		**46.8**	50.00	0	93.6	75	125	02/24/2024
Boron		25.0		**613**	500.0	94.90	103.6	75	125	02/27/2024
Cadmium		1.0		**49.2**	50.00	0	98.4	75	125	02/24/2024
Chromium		1.5		**196**	200.0	1.774	97.2	75	125	02/24/2024
Cobalt		1.0		**479**	500.0	0.4253	95.8	75	125	02/24/2024
Lead		1.0		**513**	500.0	0	102.7	75	125	02/24/2024
Lithium	*	3.0		**477**	500.0	36.01	88.3	75	125	02/24/2024
Molybdenum		1.5		**535**	500.0	1.363	106.8	75	125	02/27/2024
Selenium		1.0		**545**	500.0	0	109.0	75	125	02/27/2024
Thallium		2.0		**247**	250.0	0	98.8	75	125	02/24/2024

Batch 219022 **SampType:** MSD Units **µg/L** RPD Limit **20**

SampID: 24020001-079BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Antimony		1.0	B	**556**	500.0	0	111.1	560.0	0.77	02/27/2024
Arsenic		1.0		**548**	500.0	0	109.7	564.4	2.86	02/24/2024
Barium		1.0		**2170**	2000	11.82	108.1	2279	4.72	02/24/2024
Beryllium		1.0		**45.6**	50.00	0	91.2	46.80	2.60	02/24/2024
Boron		25.0		**605**	500.0	94.90	101.9	612.9	1.35	02/27/2024
Cadmium		1.0		**46.8**	50.00	0	93.5	49.18	5.05	02/24/2024
Chromium		1.5		**192**	200.0	1.774	94.9	196.3	2.42	02/24/2024
Cobalt		1.0		**473**	500.0	0.4253	94.5	479.3	1.38	02/24/2024
Lead		1.0		**507**	500.0	0	101.3	513.5	1.35	02/24/2024
Lithium	*	3.0		**462**	500.0	36.01	85.1	477.5	3.38	02/24/2024
Molybdenum		1.5		**528**	500.0	1.363	105.3	535.5	1.47	02/27/2024
Selenium		1.0		**531**	500.0	0	106.2	544.9	2.57	02/27/2024
Thallium		2.0		**242**	250.0	0	96.9	247.1	2.00	02/24/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24020001

Client Project: COF-24Q1 **Report Date:** 09-Apr-24

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

Batch 219043 **SampType:** MBLK Units **µg/L**

SampID: MBLK-219043

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		25.0		**< 25.0**	12.50	0	0	-100	100	02/23/2024
Antimony		1.0		**< 1.0**	0.4500	0	0	-100	100	02/23/2024
Arsenic		1.0		**< 1.0**	0.3750	0	0	-100	100	02/23/2024
Barium		1.0		**< 1.0**	0.7000	0	0	-100	100	02/23/2024
Beryllium		1.0		**< 1.0**	0.2500	0	0	-100	100	02/23/2024
Boron		25.0		**< 25.0**	9.250	0	0	-100	100	02/23/2024
Cadmium		1.0		**< 1.0**	0.1340	0	0	-100	100	02/23/2024
Calcium		125		**< 125**	70.00	0	0	-100	100	02/26/2024
Chromium		1.5		**< 1.5**	0.7000	0	0	-100	100	02/23/2024
Cobalt		1.0		**< 1.0**	0.1150	0	0	-100	100	02/23/2024
Copper		1.0		**< 1.0**	0.2980	0	0	-100	100	02/23/2024
Iron		25.0	S	**65.7**	11.50	0	571.1	-100	100	02/26/2024
Lead		1.0		**< 1.0**	0.6000	0	0	-100	100	02/23/2024
Lithium	*	3.0		**< 3.0**	1.450	0	0	-100	100	02/23/2024
Manganese		2.0		**< 2.0**	0.7500	0	0	-100	100	02/23/2024
Molybdenum		1.5		**< 1.5**	0.6000	0	0	-100	100	02/23/2024
Nickel		1.0		**< 1.0**	0.4300	0	0	-100	100	02/23/2024
Selenium		1.0		**< 1.0**	0.6000	0	0	-100	100	02/23/2024
Silver		1.0		**< 1.0**	0.1110	0	0	-100	100	02/23/2024
Thallium		2.0		**< 2.0**	0.9500	0	0	-100	100	02/23/2024
Vanadium		5.0		**< 5.0**	5.000	0	0	-100	100	02/23/2024
Zinc		15.0		**< 15.0**	5.900	0	0	-100	100	02/23/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll **Work Order:** 24020001

Client Project: COF-24Q1 **Report Date:** 09-Apr-24

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

Batch 219043 **SampType:** LCS Units **µg/L**

SampID: LCS-219043

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		25.0		**1810**	2000	0	90.7	80	120	02/23/2024
Antimony		1.0		**492**	500.0	0	98.5	80	120	02/23/2024
Arsenic		1.0		**507**	500.0	0	101.3	80	120	02/23/2024
Barium		1.0		**1930**	2000	0	96.7	80	120	02/23/2024
Beryllium		1.0		**46.5**	50.00	0	92.9	80	120	02/23/2024
Boron		25.0		**457**	500.0	0	91.5	80	120	02/23/2024
Cadmium		1.0		**46.7**	50.00	0	93.5	80	120	02/23/2024
Calcium		125		**2750**	2500	0	109.8	80	120	02/26/2024
Chromium		1.5		**183**	200.0	0	91.5	80	120	02/23/2024
Cobalt		1.0		**460**	500.0	0	92.1	80	120	02/23/2024
Copper		1.0		**238**	250.0	0	95.4	80	120	02/23/2024
Iron		25.0	B	**2200**	2000	0	110.1	80	120	02/26/2024
Lead		1.0		**466**	500.0	0	93.3	80	120	02/23/2024
Lithium	*	3.0		**436**	500.0	0	87.2	80	120	02/23/2024
Manganese		2.0		**469**	500.0	0	93.8	80	120	02/23/2024
Molybdenum		1.5		**446**	500.0	0	89.2	80	120	02/23/2024
Nickel		1.0		**462**	500.0	0	92.5	80	120	02/23/2024
Selenium		1.0		**495**	500.0	0	99.1	80	120	02/23/2024
Silver		1.0		**48.8**	50.00	0	97.6	80	120	02/23/2024
Vanadium		5.0		**461**	500.0	0	92.2	80	120	02/23/2024
Zinc		15.0		**480**	500.0	0	96.0	80	120	02/23/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll **Work Order:** 24020001

Client Project: COF-24Q1 **Report Date:** 09-Apr-24

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

Batch 219043 **SampType:** MS Units **µg/L**

SampID: 24020001-060BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		1.0		**501**	500.0	0	100.2	75	125	02/23/2024
Arsenic		1.0		**516**	500.0	1.193	103.0	75	125	02/23/2024
Barium		1.0		**1950**	2000	15.56	96.6	75	125	02/23/2024
Beryllium		1.0		**48.4**	50.00	0	96.9	75	125	02/23/2024
Boron		25.0		**2820**	500.0	2278	107.3	75	125	02/27/2024
Cadmium		1.0		**47.1**	50.00	0	94.1	75	125	02/23/2024
Chromium		1.5		**181**	200.0	0	90.3	75	125	02/23/2024
Cobalt		1.0		**444**	500.0	1.078	88.5	75	125	02/23/2024
Lead		1.0		**515**	500.0	0	103.0	75	125	02/27/2024
Lithium	*	3.0		**482**	500.0	28.84	90.6	75	125	02/23/2024
Molybdenum		1.5		**443**	500.0	1.932	88.2	75	125	02/23/2024
Selenium		1.0		**483**	500.0	0	96.6	75	125	02/23/2024
Thallium		2.0		**259**	250.0	0	103.6	75	125	02/26/2024

Batch 219043 **SampType:** MSD Units **µg/L** RPD Limit **20**

SampID: 24020001-060BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Antimony		1.0		**513**	500.0	0	102.6	501.0	2.33	02/23/2024
Arsenic		1.0		**512**	500.0	1.193	102.2	516.3	0.82	02/23/2024
Barium		1.0		**1980**	2000	15.56	98.0	1948	1.40	02/23/2024
Beryllium		1.0		**49.4**	50.00	0	98.7	48.43	1.91	02/23/2024
Boron		25.0	S	**3290**	500.0	2278	201.6	2815	15.45	02/27/2024
Cadmium		1.0		**48.7**	50.00	0	97.5	47.06	3.51	02/23/2024
Chromium		1.5		**181**	200.0	0	90.7	180.6	0.43	02/23/2024
Cobalt		1.0		**447**	500.0	1.078	89.1	443.6	0.70	02/23/2024
Lead		1.0		**593**	500.0	0	118.6	515.2	14.00	02/27/2024
Lithium	*	3.0		**489**	500.0	28.84	92.1	482.0	1.53	02/23/2024
Molybdenum		1.5		**452**	500.0	1.932	90.1	442.9	2.12	02/23/2024
Selenium		1.0		**490**	500.0	0	98.1	483.2	1.45	02/23/2024
Thallium		2.0		**250**	250.0	0	99.8	259.0	3.70	02/26/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll **Work Order:** 24020001

Client Project: COF-24Q1 **Report Date:** 09-Apr-24

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

Batch 219043 **SampType:** MS Units **µg/L**

SampID: 24020001-097CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		25.0		**1830**	2000	26.37	90.3	75	125	02/23/2024
Antimony		1.0		**490**	500.0	0.6745	98.0	75	125	02/23/2024
Arsenic		1.0		**527**	500.0	1.060	105.2	75	125	02/23/2024
Barium		1.0		**1920**	2000	2.540	96.0	75	125	02/23/2024
Beryllium		1.0		**49.3**	50.00	0	98.5	75	125	02/23/2024
Boron		25.0		**510**	500.0	15.39	98.9	75	125	02/23/2024
Cadmium		1.0		**49.5**	50.00	0.4602	98.1	75	125	02/23/2024
Chromium		1.5		**191**	200.0	1.870	94.8	75	125	02/23/2024
Cobalt		1.0		**477**	500.0	0.5194	95.3	75	125	02/23/2024
Copper		1.0		**246**	250.0	2.057	97.8	75	125	02/23/2024
Iron		25.0	B	**2220**	2000	15.19	110.0	75	125	02/26/2024
Lithium	*	3.0		**471**	500.0	0	94.3	75	125	02/23/2024
Manganese		2.0		**483**	500.0	1.282	96.3	75	125	02/23/2024
Molybdenum		1.5		**470**	500.0	0.8724	93.8	75	125	02/23/2024
Selenium		1.0		**502**	500.0	0	100.5	75	125	02/23/2024
Silver		1.0		**48.6**	50.00	0.1068	97.0	75	125	02/23/2024
Thallium		2.0		**237**	250.0	1.200	94.3	75	125	02/26/2024
Vanadium		5.0		**472**	500.0	0	94.4	75	125	02/23/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll **Work Order:** 24020001

Client Project: COF-24Q1 **Report Date:** 09-Apr-24

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

Batch 219043 **SampType:** MSD Units **µg/L** RPD Limit **20**

SampID: 24020001-097CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Aluminum		25.0		**1820**	2000	26.37	89.5	1832	0.87	02/23/2024
Antimony		1.0		**496**	500.0	0.6745	99.1	490.5	1.12	02/23/2024
Arsenic		1.0		**523**	500.0	1.060	104.3	527.2	0.88	02/23/2024
Barium		1.0		**1960**	2000	2.540	97.7	1923	1.74	02/23/2024
Beryllium		1.0		**49.5**	50.00	0	99.0	49.26	0.47	02/23/2024
Boron		25.0		**475**	500.0	15.39	91.9	509.7	7.11	02/23/2024
Cadmium		1.0		**47.5**	50.00	0.4602	94.1	49.50	4.13	02/23/2024
Chromium		1.5		**185**	200.0	1.870	91.5	191.4	3.48	02/23/2024
Cobalt		1.0		**471**	500.0	0.5194	94.0	477.1	1.37	02/23/2024
Copper		1.0		**245**	250.0	2.057	97.3	246.5	0.53	02/23/2024
Iron		25.0	B	**2090**	2000	15.19	103.7	2215	5.87	02/26/2024
Lithium	*	3.0		**463**	500.0	0	92.5	471.4	1.89	02/23/2024
Manganese		2.0		**481**	500.0	1.282	96.0	483.0	0.38	02/23/2024
Molybdenum		1.5		**454**	500.0	0.8724	90.7	470.1	3.42	02/23/2024
Selenium		1.0		**505**	500.0	0	101.1	502.5	0.60	02/23/2024
Silver		1.0		**49.0**	50.00	0.1068	97.8	48.62	0.83	02/23/2024
Thallium		2.0		**240**	250.0	1.200	95.3	237.0	1.09	02/26/2024
Vanadium		5.0		**466**	500.0	0	93.2	472.1	1.33	02/23/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24020001

Client Project: COF-24Q1 **Report Date:** 09-Apr-24

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

Batch 219043 **SampType:** MS Units **µg/L**

SampID: 24020001-099CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		25.0		**2610**	2000	622.2	99.5	75	125	02/24/2024
Antimony		1.0		**554**	500.0	0.7012	110.7	75	125	02/24/2024
Arsenic		1.0		**578**	500.0	0.9453	115.5	75	125	02/24/2024
Barium		1.0		**2200**	2000	56.51	107.1	75	125	02/24/2024
Beryllium		1.0		**54.6**	50.00	0	109.2	75	125	02/24/2024
Boron		25.0		**522**	500.0	0	104.3	75	125	02/24/2024
Cadmium		1.0		**53.4**	50.00	0	106.8	75	125	02/24/2024
Chromium		1.5		**206**	200.0	2.144	101.9	75	125	02/26/2024
Cobalt		1.0		**505**	500.0	0.6345	100.8	75	125	02/24/2024
Copper		1.0		**261**	250.0	1.091	103.8	75	125	02/26/2024
Iron		25.0	B	**2790**	2000	804.0	99.2	75	125	02/26/2024
Lead		1.0		**548**	500.0	1.124	109.4	75	125	02/24/2024
Lithium	*	3.0		**501**	500.0	5.982	99.1	75	125	02/24/2024
Manganese		2.0		**645**	500.0	173.6	94.3	75	125	02/24/2024
Molybdenum		1.5		**488**	500.0	0.6175	97.5	75	125	02/24/2024
Nickel		1.0		**503**	500.0	1.369	100.3	75	125	02/24/2024
Selenium		1.0		**529**	500.0	2.047	105.4	75	125	02/26/2024
Silver		1.0		**50.6**	50.00	0	101.2	75	125	02/24/2024
Thallium		2.0		**252**	250.0	0	100.8	75	125	02/26/2024
Vanadium		5.0		**515**	500.0	0	102.9	75	125	02/24/2024
Zinc		15.0		**533**	500.0	7.417	105.1	75	125	02/24/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24020001

Client Project: COF-24Q1 **Report Date:** 09-Apr-24

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

Batch 219043 **SampType:** MSD Units **µg/L** RPD Limit **20**

SampID: 24020001-099CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Aluminum		25.0		**2350**	2000	622.2	86.5	2613	10.50	02/24/2024
Antimony		1.0		**476**	500.0	0.7012	95.0	554.0	15.24	02/24/2024
Arsenic		1.0		**515**	500.0	0.9453	102.8	578.3	11.60	02/24/2024
Barium		1.0		**1930**	2000	56.51	93.7	2199	12.98	02/24/2024
Beryllium		1.0		**47.8**	50.00	0	95.6	54.59	13.31	02/24/2024
Boron		25.0		**457**	500.0	0	91.4	521.6	13.26	02/24/2024
Cadmium		1.0		**46.1**	50.00	0	92.2	53.40	14.71	02/24/2024
Chromium		1.5		**206**	200.0	2.144	102.0	206.0	0.05	02/26/2024
Cobalt		1.0		**437**	500.0	0.6345	87.3	504.7	14.30	02/24/2024
Copper		1.0		**252**	250.0	1.091	100.5	260.6	3.21	02/26/2024
Iron		25.0	B	**2960**	2000	804.0	107.6	2788	5.85	02/26/2024
Lead		1.0		**466**	500.0	1.124	92.9	548.1	16.26	02/24/2024
Lithium	*	3.0		**442**	500.0	5.982	87.2	501.2	12.58	02/24/2024
Manganese		2.0		**581**	500.0	173.6	81.5	644.9	10.38	02/24/2024
Molybdenum		1.5		**444**	500.0	0.6175	88.7	488.1	9.46	02/24/2024
Nickel		1.0		**470**	500.0	1.369	93.6	502.7	6.81	02/24/2024
Selenium		1.0		**524**	500.0	2.047	104.5	528.9	0.86	02/26/2024
Silver		1.0		**48.1**	50.00	0	96.1	50.58	5.10	02/24/2024
Thallium		2.0		**258**	250.0	0	103.3	252.0	2.49	02/26/2024
Vanadium		5.0		**464**	500.0	0	92.8	514.6	10.31	02/24/2024
Zinc		15.0		**473**	500.0	7.417	93.2	533.1	11.89	02/24/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24020001

Client Project: COF-24Q1 **Report Date:** 09-Apr-24

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

Batch 219088 **SampType:** MBLK Units **µg/L**

SampID: MBLK-219088

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		25.0		**< 25.0**	12.50	0	0	-100	100	02/23/2024
Antimony		1.0		**< 1.0**	0.4500	0	0	-100	100	02/23/2024
Arsenic		1.0		**< 1.0**	0.3750	0	0	-100	100	02/23/2024
Barium		1.0		**< 1.0**	0.7000	0	0	-100	100	02/23/2024
Beryllium		1.0		**< 1.0**	0.2500	0	0	-100	100	02/23/2024
Boron		25.0		**< 25.0**	9.250	0	0	-100	100	02/23/2024
Cadmium		1.0		**< 1.0**	0.1340	0	0	-100	100	02/23/2024
Chromium		1.5		**< 1.5**	0.7000	0	0	-100	100	02/23/2024
Cobalt		1.0		**< 1.0**	0.1150	0	0	-100	100	02/23/2024
Copper		1.0		**< 1.0**	0.2980	0	0	-100	100	02/23/2024
Iron		25.0		**< 25.0**	11.50	0	0	-100	100	02/23/2024
Lead		1.0		**< 1.0**	0.6000	0	0	-100	100	02/23/2024
Lithium	*	3.0		**< 3.0**	1.450	0	0	-100	100	02/23/2024
Manganese		2.0		**< 2.0**	0.7500	0	0	-100	100	02/23/2024
Molybdenum		1.5		**< 1.5**	0.6000	0	0	-100	100	02/23/2024
Nickel		1.0		**< 1.0**	0.4300	0	0	-100	100	02/23/2024
Selenium		1.0		**< 1.0**	0.6000	0	0	-100	100	02/23/2024
Silver		1.0		**< 1.0**	0.1110	0	0	-100	100	02/23/2024
Thallium		2.0		**< 2.0**	0.9500	0	0	-100	100	02/23/2024
Vanadium		5.0		**< 5.0**	5.000	0	0	-100	100	02/23/2024
Zinc		15.0		**< 15.0**	5.900	0	0	-100	100	02/23/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24020001

Client Project: COF-24Q1 **Report Date:** 09-Apr-24

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

Batch 219088 **SampType:** LCS Units **µg/L**

SampID: LCS-219088

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		25.0		**1870**	2000	0	93.4	80	120	02/23/2024
Antimony		1.0		**493**	500.0	0	98.7	80	120	02/23/2024
Arsenic		1.0		**508**	500.0	0	101.7	80	120	02/23/2024
Barium		1.0		**1970**	2000	0	98.3	80	120	02/23/2024
Beryllium		1.0		**46.8**	50.00	0	93.5	80	120	02/23/2024
Boron		25.0		**447**	500.0	0	89.4	80	120	02/23/2024
Cadmium		1.0		**47.8**	50.00	0	95.6	80	120	02/23/2024
Chromium		1.5		**180**	200.0	0	90.1	80	120	02/23/2024
Cobalt		1.0		**460**	500.0	0	92.0	80	120	02/23/2024
Copper		1.0		**236**	250.0	0	94.5	80	120	02/23/2024
Iron		25.0		**1860**	2000	0	92.8	80	120	02/23/2024
Lead		1.0		**483**	500.0	0	96.6	80	120	02/23/2024
Lithium	*	3.0		**442**	500.0	0	88.5	80	120	02/23/2024
Manganese		2.0		**470**	500.0	0	94.1	80	120	02/23/2024
Molybdenum		1.5		**451**	500.0	0	90.3	80	120	02/23/2024
Nickel		1.0		**454**	500.0	0	90.7	80	120	02/23/2024
Selenium		1.0		**501**	500.0	0	100.3	80	120	02/23/2024
Silver		1.0		**47.0**	50.00	0	94.1	80	120	02/23/2024
Thallium		2.0		**236**	250.0	0	94.4	80	120	02/26/2024
Vanadium		5.0		**458**	500.0	0	91.7	80	120	02/23/2024
Zinc		15.0		**478**	500.0	0	95.7	80	120	02/23/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll
Work Order: 24020001
Client Project: COF-24Q1
Report Date: 09-Apr-24

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

Batch 219088 **SampType:** MS Units **µg/L**
SampID: 24020001-103CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		25.0		**1830**	2000	15.68	90.8	75	125	02/23/2024
Antimony		1.0		**482**	500.0	0	96.4	75	125	02/23/2024
Arsenic		1.0		**533**	500.0	0.7936	106.5	75	125	02/23/2024
Barium		1.0		**1920**	2000	0	96.1	75	125	02/23/2024
Beryllium		1.0		**50.2**	50.00	0	100.4	75	125	02/23/2024
Boron		25.0		**530**	500.0	125.9	80.7	75	125	02/23/2024
Cadmium		1.0		**48.1**	50.00	0	96.1	75	125	02/23/2024
Chromium		1.5		**183**	200.0	0.8238	91.0	75	125	02/23/2024
Cobalt		1.0		**473**	500.0	0	94.5	75	125	02/23/2024
Copper		1.0		**248**	250.0	0.7189	98.8	75	125	02/23/2024
Iron		25.0		**2140**	2000	46.43	104.6	75	125	02/26/2024
Lead		1.0		**480**	500.0	6.718	94.6	75	125	02/23/2024
Lithium	*	3.0		**481**	500.0	0	96.2	75	125	02/23/2024
Manganese		2.0		**491**	500.0	2.934	97.6	75	125	02/23/2024
Molybdenum		1.5		**441**	500.0	0.8925	88.0	75	125	02/23/2024
Nickel		1.0		**478**	500.0	29.09	89.8	75	125	02/23/2024
Selenium		1.0		**501**	500.0	0	100.2	75	125	02/23/2024
Silver		1.0		**53.3**	50.00	0	106.5	75	125	02/23/2024
Thallium		2.0		**243**	250.0	0	97.1	75	125	02/26/2024
Vanadium		5.0		**468**	500.0	0	93.5	75	125	02/23/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24020001

Client Project: COF-24Q1 **Report Date:** 09-Apr-24

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

Batch 219088 **SampType:** MSD Units **µg/L** RPD Limit **20**

SampID: 24020001-103CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Aluminum		25.0		**2070**	2000	15.68	102.5	1832	12.05	02/23/2024
Antimony		1.0		**496**	500.0	0	99.2	481.8	2.87	02/23/2024
Arsenic		1.0		**516**	500.0	0.7936	103.1	533.3	3.21	02/23/2024
Barium		1.0		**1980**	2000	0	99.1	1922	3.09	02/23/2024
Beryllium		1.0		**51.5**	50.00	0	102.9	50.22	2.46	02/23/2024
Boron		25.0		**512**	500.0	125.9	77.3	529.6	3.30	02/23/2024
Cadmium		1.0		**47.8**	50.00	0	95.6	48.07	0.59	02/23/2024
Chromium		1.5		**197**	200.0	0.8238	98.3	182.9	7.62	02/23/2024
Cobalt		1.0		**478**	500.0	0	95.6	472.5	1.16	02/23/2024
Copper		1.0		**243**	250.0	0.7189	96.7	247.8	2.13	02/23/2024
Iron		25.0		**2240**	2000	46.43	109.8	2138	4.77	02/26/2024
Lead		1.0		**473**	500.0	6.718	93.2	479.8	1.48	02/23/2024
Lithium	*	3.0		**480**	500.0	0	95.9	481.0	0.30	02/23/2024
Manganese		2.0		**485**	500.0	2.934	96.4	491.1	1.23	02/23/2024
Molybdenum		1.5		**434**	500.0	0.8925	86.6	441.1	1.64	02/23/2024
Nickel		1.0		**475**	500.0	29.09	89.2	478.2	0.65	02/23/2024
Selenium		1.0		**494**	500.0	0	98.9	500.8	1.30	02/23/2024
Silver		1.0		**50.1**	50.00	0	100.1	53.26	6.19	02/23/2024
Thallium		2.0		**248**	250.0	0	99.2	242.9	2.08	02/26/2024
Vanadium		5.0		**464**	500.0	0	92.7	467.6	0.85	02/23/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll **Work Order:** 24020001

Client Project: COF-24Q1 **Report Date:** 09-Apr-24

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

Batch 219115 **SampType:** MBLK Units µg/L
SampID: MBLK-219115

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		25.0		**< 25.0**	12.50	0	0	-100	100	03/01/2024
Arsenic		1.0		**< 1.0**	0.3750	0	0	-100	100	03/01/2024
Beryllium		1.0		**< 1.0**	0.2500	0	0	-100	100	03/01/2024
Boron		25.0		**< 25.0**	9.250	0	0	-100	100	03/04/2024
Chromium		1.5		**< 1.5**	0.7000	0	0	-100	100	03/01/2024
Cobalt		1.0		**< 1.0**	0.1150	0	0	-100	100	03/01/2024
Copper		1.0		**< 1.0**	0.2980	0	0	-100	100	03/01/2024
Iron		25.0		**< 25.0**	11.50	0	0	-100	100	03/04/2024
Lead		1.0		**< 1.0**	0.6000	0	0	-100	100	03/01/2024
Lithium	*	3.0		**< 3.0**	1.450	0	0	-100	100	03/01/2024
Molybdenum		1.5		**< 1.5**	0.6000	0	0	-100	100	03/04/2024
Nickel		1.0		**< 1.0**	0.4300	0	0	-100	100	03/01/2024
Thallium		2.0		**< 2.0**	0.9500	0	0	-100	100	03/01/2024
Zinc		15.0		**< 15.0**	5.900	0	0	-100	100	03/01/2024

Batch 219115 **SampType:** LCS Units µg/L
SampID: LCS-219115

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		25.0		**2020**	2000	0	100.8	80	120	03/01/2024
Arsenic		1.0		**571**	500.0	0	114.1	80	120	03/01/2024
Beryllium		1.0		**51.6**	50.00	0	103.2	80	120	03/01/2024
Boron		25.0		**492**	500.0	0	98.4	80	120	03/04/2024
Chromium		1.5		**207**	200.0	0	103.3	80	120	03/01/2024
Cobalt		1.0		**515**	500.0	0	102.9	80	120	03/01/2024
Copper		1.0		**269**	250.0	0	107.6	80	120	03/01/2024
Iron		25.0		**2120**	2000	0	105.8	80	120	03/04/2024
Lead		1.0		**500**	500.0	0	100.1	80	120	03/01/2024
Lithium	*	3.0		**489**	500.0	0	97.7	80	120	03/01/2024
Molybdenum		1.5		**492**	500.0	0	98.4	80	120	03/04/2024
Nickel		1.0		**519**	500.0	0	103.9	80	120	03/01/2024
Thallium		2.0		**216**	250.0	0	86.6	80	120	03/01/2024
Zinc		15.0		**540**	500.0	0	108.0	80	120	03/01/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll **Work Order:** 24020001

Client Project: COF-24Q1 **Report Date:** 09-Apr-24

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

Batch 219115 **SampType:** MS Units µg/L
SampID: 24020001-015CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Boron		25.0		**533**	500.0	20.21	102.6	75	125	03/04/2024

Batch 219115 **SampType:** MSD Units µg/L RPD Limit **20**
SampID: 24020001-015CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Boron		25.0		**496**	500.0	20.21	95.1	533.2	7.30	03/04/2024

Batch 219115 **SampType:** MS Units µg/L
SampID: 24020001-071BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Boron		25.0		**1930**	500.0	1398	105.4	75	125	03/04/2024
Lithium	*	3.0		**539**	500.0	4.558	106.9	75	125	03/04/2024

Batch 219115 **SampType:** MSD Units µg/L RPD Limit **20**
SampID: 24020001-071BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Boron		25.0		**1800**	500.0	1398	80.3	1925	6.76	03/04/2024
Lithium	*	3.0		**541**	500.0	4.558	107.2	538.9	0.33	03/04/2024

Batch 219117 **SampType:** MBLK Units µg/L
SampID: MBLK-219117

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		25.0		**< 25.0**	12.50	0	0	-100	100	02/28/2024
Boron		25.0		**< 25.0**	9.250	0	0	-100	100	02/28/2024
Lead		1.0		**< 1.0**	0.6000	0	0	-100	100	02/28/2024
Molybdenum		1.5		**< 1.5**	0.6000	0	0	-100	100	02/28/2024
Nickel		1.0		**< 1.0**	0.4300	0	0	-100	100	02/28/2024
Zinc		15.0		**< 15.0**	5.900	0	0	-100	100	02/28/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll **Work Order:** 24020001

Client Project: COF-24Q1 **Report Date:** 09-Apr-24

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

Batch 219117 **SampType:** LCS Units **µg/L**
SampID: LCS-219117

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		25.0		**1870**	2000	0	93.4	80	120	02/28/2024
Boron		25.0		**495**	500.0	0	98.9	80	120	02/28/2024
Lead		1.0		**511**	500.0	0	102.2	80	120	02/28/2024
Molybdenum		1.5		**470**	500.0	0	94.0	80	120	02/28/2024
Nickel		1.0		**496**	500.0	0	99.1	80	120	02/28/2024
Zinc		15.0		**526**	500.0	0	105.1	80	120	02/28/2024

Batch 219117 **SampType:** MS Units **µg/L**
SampID: 24020001-005CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nickel		1.0		**472**	500.0	0.7688	94.2	75	125	02/28/2024
Zinc		15.0		**513**	500.0	0	102.6	75	125	02/28/2024

Batch 219117 **SampType:** MSD Units **µg/L** RPD Limit **20**
SampID: 24020001-005CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nickel		1.0		**488**	500.0	0.7688	97.5	471.6	3.51	02/28/2024
Zinc		15.0		**532**	500.0	0	106.3	513.1	3.54	02/28/2024

Batch 219145 **SampType:** MBLK Units **µg/L**
SampID: MBLK-219145

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	03/01/2024

Batch 219145 **SampType:** LCS Units **µg/L**
SampID: LCS-219145

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Boron		25.0		**468**	500.0	0	93.6	80	120	03/01/2024

Batch 219145 **SampType:** MS Units **µg/L**
SampID: 24020001-083BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Boron		25.0	S	**16900**	500.0	16010	174.5	75	125	03/01/2024

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Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 24020001
Client Project: COF-24Q1
Report Date: 09-Apr-24

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

Batch 219145 **SampType:** MSD Units µg/L RPD Limit 20
SampID: 24020001-083BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Boron		25.0	S	**16900**	500.0	16010	180.1	16880	0.16	03/01/2024

Batch 219241 **SampType:** MBLK Units µg/L
SampID: MBLK-219241

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	02/28/2024
Arsenic		1.0		**< 1.0**	0.3750	0	0	-100	100	02/28/2024
Lead		1.0	S	**17.4**	0.6000	0	2908	-100	100	03/01/2024
Nickel		1.0	S	**68.4**	0.4300	0	15900	-100	100	03/01/2024
Selenium		1.0		**< 1.0**	0.6000	0	0	-100	100	02/28/2024
Thallium		2.0		**< 2.0**	0.9500	0	0	-100	100	02/28/2024
Zinc		15.0	S	**867**	5.900	0	14690	-100	100	03/01/2024

Batch 219241 **SampType:** LCS Units µg/L
SampID: LCS-219241

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		100		**53500**	50000	0	107.0	80	120	02/28/2024
Arsenic		100		**55000**	50000	0	110.1	80	120	03/01/2024
Lead		100	B	**53000**	50000	0	106.1	80	120	03/01/2024
Nickel		100	BS	**63500**	50000	0	127.1	80	120	03/01/2024
Selenium		100		**51800**	50000	0	103.6	80	120	02/28/2024
Zinc		1500	BS	**214000**	50000	0	428.5	80	120	03/01/2024

Batch 219241 **SampType:** MS Units µg/L
SampID: 24020001-097CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Lead		1.0	B	**463**	500.0	0	92.6	75	125	03/01/2024
Nickel		1.0	B	**485**	500.0	0	97.0	75	125	03/01/2024
Zinc		15.0	B	**488**	500.0	0	97.7	75	125	03/01/2024

Batch 219241 **SampType:** MSD Units µg/L RPD Limit 20
SampID: 24020001-097CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Lead		1.0	B	**440**	500.0	0	88.0	463.2	5.12	03/01/2024
Nickel		1.0	B	**465**	500.0	0	92.9	484.8	4.24	03/01/2024
Zinc		15.0	B	**476**	500.0	0	95.2	488.3	2.59	03/01/2024

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Quality Control Results

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Client: Ramboll
Work Order: 24020001
Client Project: COF-24Q1
Report Date: 09-Apr-24

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

Batch 219241 **SampType:** MS Units **µg/L**
SampID: 24020001-103CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Zinc		15.0	B	**516**	500.0	0	103.2	75	125	03/01/2024

Batch 219241 **SampType:** MSD Units **µg/L** RPD Limit **20**
SampID: 24020001-103CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Zinc		15.0	B	**488**	500.0	0	97.6	516.1	5.57	03/01/2024

Batch 219339 **SampType:** MBLK Units **µg/L**
SampID: MBLK-219339

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	03/04/2024
Arsenic		1.0		**< 1.0**	0.3750	0	0	-100	100	03/04/2024
Barium		1.0		**< 1.0**	0.7000	0	0	-100	100	03/04/2024
Beryllium		1.0		**< 1.0**	0.2500	0	0	-100	100	03/04/2024
Boron		25.0		**< 25.0**	9.250	0	0	-100	100	03/04/2024
Cadmium		1.0		**< 1.0**	0.1340	0	0	-100	100	03/04/2024
Chromium		1.5		**< 1.5**	0.7000	0	0	-100	100	03/04/2024
Cobalt		1.0		**< 1.0**	0.1150	0	0	-100	100	03/04/2024
Copper		1.0	S	**1.2**	0.2980	0	415.7	-100	100	03/04/2024
Iron		25.0		**< 25.0**	11.50	0	0	-100	100	03/04/2024
Lead		1.0		**< 1.0**	0.6000	0	0	-100	100	03/04/2024
Lithium	*	3.0		**< 3.0**	1.450	0	0	-100	100	03/04/2024
Manganese		2.0		**< 2.0**	0.7500	0	0	-100	100	03/04/2024
Molybdenum		1.5		**< 1.5**	0.6000	0	0	-100	100	03/04/2024
Nickel		1.0		**< 1.0**	0.4300	0	0	-100	100	03/06/2024
Nickel		1.0	S	**1.8**	0.4300	0	428.5	-100	100	03/04/2024
Selenium		1.0		**< 1.0**	0.6000	0	0	-100	100	03/04/2024
Silver		1.0		**< 1.0**	0.1110	0	0	-100	100	03/04/2024
Thallium		2.0		**< 2.0**	0.9500	0	0	-100	100	03/04/2024
Zinc		15.0	S	**22.1**	5.900	0	375.0	-100	100	03/04/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll **Work Order:** 24020001

Client Project: COF-24Q1 **Report Date:** 09-Apr-24

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

Batch 219339 **SampType:** LCS Units µg/L

SampID: LCS-219339

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		1.0		**483**	500.0	0	96.6	80	120	03/04/2024
Arsenic		1.0		**512**	500.0	0	102.3	80	120	03/04/2024
Barium		1.0		**1900**	2000	0	95.0	80	120	03/04/2024
Beryllium		1.0		**54.6**	50.00	0	109.1	80	120	03/04/2024
Boron		25.0		**526**	500.0	0	105.1	80	120	03/04/2024
Cadmium		1.0		**50.5**	50.00	0	100.9	80	120	03/04/2024
Chromium		1.5		**196**	200.0	0	98.2	80	120	03/04/2024
Cobalt		1.0		**489**	500.0	0	97.9	80	120	03/04/2024
Copper		1.0	B	**252**	250.0	0	100.8	80	120	03/04/2024
Iron		25.0		**2110**	2000	0	105.6	80	120	03/05/2024
Lead		1.0		**471**	500.0	0	94.2	80	120	03/04/2024
Lithium	*	3.0		**530**	500.0	0	106.0	80	120	03/04/2024
Manganese		2.0		**490**	500.0	0	98.0	80	120	03/04/2024
Molybdenum		1.5		**462**	500.0	0	92.4	80	120	03/04/2024
Nickel		1.0	B	**496**	500.0	0	99.2	80	120	03/04/2024
Selenium		1.0		**493**	500.0	0	98.6	80	120	03/04/2024
Silver		1.0		**52.9**	50.00	0	105.7	80	120	03/04/2024
Thallium		2.0		**221**	250.0	0	88.4	80	120	03/04/2024
Zinc		15.0	B	**481**	500.0	0	96.2	80	120	03/04/2024

Batch 219339 **SampType:** MS Units µg/L

SampID: 24021482-005BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		1.0		**455**	500.0	0	91.0	75	125	03/04/2024
Arsenic		1.0		**506**	500.0	23.19	96.5	75	125	03/04/2024
Barium		1.0		**2070**	2000	286.4	89.2	75	125	03/04/2024
Beryllium		1.0		**48.5**	50.00	0	97.1	75	125	03/04/2024
Boron		25.0		**860**	500.0	386.2	94.7	75	125	03/04/2024
Cadmium		1.0		**47.4**	50.00	0	94.8	75	125	03/04/2024
Chromium		1.5		**177**	200.0	1.834	87.8	75	125	03/04/2024
Cobalt		1.0		**440**	500.0	0.1418	87.9	75	125	03/04/2024
Lead		1.0		**439**	500.0	0	87.8	75	125	03/04/2024
Lithium	*	3.0		**461**	500.0	2.718	91.7	75	125	03/04/2024
Molybdenum		1.5		**438**	500.0	0	87.7	75	125	03/04/2024
Selenium		1.0		**471**	500.0	0	94.2	75	125	03/04/2024
Thallium		2.0		**213**	250.0	0	85.3	75	125	03/04/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24020001

Client Project: COF-24Q1 **Report Date:** 09-Apr-24

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

Batch 219339 **SampType:** MSD Units µg/L RPD Limit 20

SampID: 24021482-005BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Antimony		1.0		**463**	500.0	0	92.7	455.2	1.80	03/04/2024
Arsenic		1.0		**526**	500.0	23.19	100.6	505.6	3.97	03/04/2024
Barium		1.0		**2140**	2000	286.4	92.5	2071	3.12	03/04/2024
Beryllium		1.0		**48.6**	50.00	0	97.3	48.53	0.22	03/04/2024
Boron		25.0		**801**	500.0	386.2	82.9	859.8	7.12	03/04/2024
Cadmium		1.0		**47.7**	50.00	0	95.5	47.40	0.73	03/04/2024
Chromium		1.5		**183**	200.0	1.834	90.6	177.4	3.14	03/04/2024
Cobalt		1.0		**468**	500.0	0.1418	93.6	439.6	6.29	03/04/2024
Lead		1.0		**449**	500.0	0	89.8	439.1	2.24	03/04/2024
Lithium	*	3.0		**470**	500.0	2.718	93.5	461.2	1.89	03/04/2024
Molybdenum		1.5		**445**	500.0	0	88.9	438.3	1.46	03/04/2024
Selenium		1.0		**485**	500.0	0	96.9	471.0	2.86	03/04/2024
Thallium		2.0		**220**	250.0	0	88.1	213.2	3.29	03/04/2024

Batch 219815 **SampType:** MBLK Units µg/L

SampID: MBLK-219815

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nickel		1.0		**< 1.0**	0.4300	0	0	-100	100	03/13/2024
Zinc		15.0		**< 15.0**	5.900	0	0	-100	100	03/13/2024

Batch 219815 **SampType:** LCS Units µg/L

SampID: LCS-219815

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nickel		1.0		**514**	500.0	0	102.8	80	120	03/13/2024
Zinc		15.0		**480**	500.0	0	95.9	80	120	03/13/2024

SW-846 7470A (DISSOLVED)

Batch 218799 **SampType:** MS Units µg/L

SampID: 24020001-012DMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.20		**4.20**	5.000	0	83.9	75	125	02/16/2024

Batch 218799 **SampType:** MSD Units µg/L RPD Limit 15

SampID: 24020001-012DMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury		0.20		**4.19**	5.000	0	83.7	4.195	0.21	02/16/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll **Work Order:** 24020001

Client Project: COF-24Q1 **Report Date:** 09-Apr-24

SW-846 7470A (DISSOLVED)

Batch 218860 **SampType:** MS Units **µg/L**
SampID: 24020001-014CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.20		**5.05**	5.000	0	101.0	75	125	02/19/2024

Batch 218860 **SampType:** MSD Units **µg/L** RPD Limit **15**
SampID: 24020001-014CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury		0.20		**4.83**	5.000	0	96.7	5.050	4.37	02/19/2024

Batch 219164 **SampType:** MS Units **µg/L**
SampID: 24020001-097DMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.20		**4.68**	5.000	0	93.5	75	125	02/29/2024

Batch 219164 **SampType:** MSD Units **µg/L** RPD Limit **15**
SampID: 24020001-097DMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury		0.20		**4.32**	5.000	0	86.4	4.675	7.96	02/29/2024

SW-846 7470A (TOTAL)

Batch 218203 **SampType:** MS Units **µg/L**
SampID: 24020001-094BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.20		**5.00**	5.000	0	100.0	75	125	02/22/2024

Batch 218203 **SampType:** MSD Units **µg/L** RPD Limit **15**
SampID: 24020001-094BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury		0.20		**5.28**	5.000	0	105.5	4.999	5.39	02/22/2024

Batch 218747 **SampType:** MBLK Units **µg/L**
SampID: MBLK-218747

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	02/15/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll
Work Order: 24020001
Client Project: COF-24Q1
Report Date: 09-Apr-24

SW-846 7470A (TOTAL)

Batch 218747 **SampType:** LCS Units µg/L
SampID: LCS-218747

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.20		**4.39**	5.000	0	87.9	85	115	02/15/2024

Batch 218747 **SampType:** MS Units µg/L
SampID: 24020001-028CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.20		**4.79**	5.000	0	95.9	75	125	02/15/2024

Batch 218747 **SampType:** MSD Units µg/L RPD Limit **15**
SampID: 24020001-028CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury		0.20		**4.73**	5.000	0	94.7	4.794	1.28	02/15/2024

Batch 218749 **SampType:** MBLK Units µg/L
SampID: MBLK-218749

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	02/16/2024

Batch 218749 **SampType:** LCS Units µg/L
SampID: LCS-218749

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.20		**4.42**	5.000	0	88.3	85	115	02/16/2024

Batch 218749 **SampType:** MS Units µg/L
SampID: 24020001-039CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.20	S	**3.69**	5.000	0	73.9	75	125	02/16/2024

Batch 218749 **SampType:** MSD Units µg/L RPD Limit **15**
SampID: 24020001-039CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury		0.20	S	**3.52**	5.000	0	70.4	3.694	4.84	02/16/2024

Batch 218799 **SampType:** MBLK Units µg/L
SampID: MBLK-218799

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	02/16/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll **Work Order:** 24020001

Client Project: COF-24Q1 **Report Date:** 09-Apr-24

SW-846 7470A (TOTAL)

Batch 218799 **SampType:** LCS Units µg/L
SampID: LCS-218799

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.20		**4.63**	5.000	0	92.5	85	115	02/16/2024

Batch 218799 **SampType:** MS Units µg/L
SampID: 24020001-036CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.20		**4.25**	5.000	0	85.0	75	125	02/16/2024

Batch 218799 **SampType:** MSD Units µg/L RPD Limit **15**
SampID: 24020001-036CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury		0.20		**4.38**	5.000	0	87.7	4.249	3.14	02/16/2024

Batch 218860 **SampType:** MBLK Units µg/L
SampID: MBLK-218860

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	02/19/2024

Batch 218860 **SampType:** LCS Units µg/L
SampID: LCS-218860

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.20		**5.18**	5.000	0	103.6	85	115	02/19/2024

Batch 218860 **SampType:** MS Units µg/L
SampID: 24020001-031CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.20		**5.18**	5.000	0	103.6	75	125	02/19/2024

Batch 218860 **SampType:** MSD Units µg/L RPD Limit **15**
SampID: 24020001-031CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury		0.20		**5.26**	5.000	0	105.1	5.180	1.44	02/19/2024

Batch 218877 **SampType:** MBLK Units µg/L
SampID: MBLK-218877

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	02/20/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24020001

Client Project: COF-24Q1 **Report Date:** 09-Apr-24

SW-846 7470A (TOTAL)

Batch 218877 **SampType:** LCS Units µg/L
SampID: LCS-218877

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.20		**4.59**	5.000	0	91.8	85	115	02/20/2024

Batch 218877 **SampType:** MS Units µg/L
SampID: 24020001-062BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.20		**4.46**	5.000	0	89.2	75	125	02/20/2024

Batch 218877 **SampType:** MSD Units µg/L RPD Limit **15**
SampID: 24020001-062BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury		0.20		**4.44**	5.000	0	88.8	4.459	0.43	02/20/2024

Batch 218877 **SampType:** MS Units µg/L
SampID: 24020001-086CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.20		**4.57**	5.000	0	91.3	75	125	02/20/2024

Batch 218877 **SampType:** MSD Units µg/L RPD Limit **15**
SampID: 24020001-086CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury		0.20		**4.64**	5.000	0	92.9	4.567	1.66	02/20/2024

Batch 218967 **SampType:** MBLK Units µg/L
SampID: MBLK-218967

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	02/21/2024

Batch 218967 **SampType:** LCS Units µg/L
SampID: LCS-218967

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.20		**4.80**	5.000	0	95.9	85	115	02/21/2024

Batch 218967 **SampType:** MS Units µg/L
SampID: 24020001-025CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.20		**4.27**	5.000	0	85.3	75	125	02/21/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

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Client: Ramboll
Work Order: 24020001
Client Project: COF-24Q1
Report Date: 09-Apr-24

SW-846 7470A (TOTAL)

Batch 218967 **SampType:** MSD Units µg/L RPD Limit 15
SampID: 24020001-025CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury		0.20		**4.51**	5.000	0	90.1	4.266	5.47	02/21/2024

Batch 218967 **SampType:** MS Units µg/L
SampID: 24020001-042CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.20		**4.60**	5.000	0	92.1	75	125	02/21/2024

Batch 218967 **SampType:** MSD Units µg/L RPD Limit 15
SampID: 24020001-042CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury		0.20		**4.65**	5.000	0	93.1	4.605	1.08	02/21/2024

Batch 218998 **SampType:** MBLK Units µg/L
SampID: MBLK-218998

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	02/22/2024

Batch 218998 **SampType:** LCS Units µg/L
SampID: LCS-218998

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.20		**4.87**	5.000	0	97.4	85	115	02/22/2024

Batch 218998 **SampType:** MS Units µg/L
SampID: 24020001-061BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.20		**5.24**	5.000	0	104.8	75	125	02/22/2024

Batch 218998 **SampType:** MSD Units µg/L RPD Limit 15
SampID: 24020001-061BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury		0.20		**5.03**	5.000	0	100.7	5.238	4.00	02/22/2024

Batch 219103 **SampType:** MBLK Units µg/L
SampID: MBLK-219103

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	02/23/2024

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Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 24020001
Client Project: COF-24Q1
Report Date: 09-Apr-24

SW-846 7470A (TOTAL)

Batch 219103 **SampType:** LCS Units µg/L
SampID: LCS-219103

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.20		**4.52**	5.000	0	90.3	85	115	02/23/2024

Batch 219103 **SampType:** MS Units µg/L
SampID: 24020001-055BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.20		**4.01**	5.000	0	80.1	75	125	02/23/2024

Batch 219103 **SampType:** MSD Units µg/L RPD Limit **15**
SampID: 24020001-055BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury		0.20		**4.19**	5.000	0	83.9	4.006	4.57	02/23/2024

Batch 219164 **SampType:** MBLK Units µg/L
SampID: MBLK-219164

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	02/29/2024

Batch 219164 **SampType:** LCS Units µg/L
SampID: LCS-219164

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.20		**4.89**	5.000	0	97.9	85	115	02/29/2024

Batch 219289 **SampType:** MBLK Units µg/L
SampID: MBLK-219289

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	02/29/2024

Batch 219289 **SampType:** LCS Units µg/L
SampID: LCS-219289

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.20		**4.99**	5.000	0	99.7	85	115	02/29/2024

Batch 219289 **SampType:** MS Units µg/L
SampID: 24020001-052CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.20	S	**2.72**	5.000	0	54.4	75	125	02/29/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24020001

Client Project: COF-24Q1 **Report Date:** 09-Apr-24

SW-846 7470A (TOTAL)

Batch 219289 **SampType:** MSD Units µg/L RPD Limit 15
SampID: 24020001-052CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury		0.20	S	**2.54**	5.000	0	50.8	2.721	6.96	02/29/2024

Batch 219289 **SampType:** MS Units µg/L
SampID: 24020001-053CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.20		**4.79**	5.000	0	95.9	75	125	02/29/2024

Batch 219289 **SampType:** MSD Units µg/L RPD Limit 15
SampID: 24020001-053CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury		0.20		**5.10**	5.000	0	102.0	4.794	6.16	02/29/2024

Batch 219476 **SampType:** MBLK Units µg/L
SampID: MBLK-219476

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	03/05/2024

Batch 219476 **SampType:** LCS Units µg/L
SampID: LCS-219476

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.20		**4.90**	5.000	0	98.0	85	115	03/05/2024

Batch 219476 **SampType:** MS Units µg/L
SampID: 24020001-102CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.20		**5.52**	5.000	0	110.5	75	125	03/05/2024

Batch 219476 **SampType:** MSD Units µg/L RPD Limit 15
SampID: 24020001-102CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury		0.20		**5.16**	5.000	0	103.1	5.525	6.91	03/05/2024

Batch 219495 **SampType:** MBLK Units µg/L
SampID: MBLK-219495

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	03/11/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 24020001
Client Project: COF-24Q1
Report Date: 09-Apr-24

SW-846 7470A (TOTAL)

Batch 219495 **SampType:** LCS Units **µg/L**
SampID: LCS-219495

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.20		**4.38**	5.000	0	87.5	85	115	03/11/2024

Batch 219495 **SampType:** MS Units **µg/L**
SampID: 24030573-001BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.20		**4.96**	5.000	0	99.2	75	125	03/11/2024

Batch 219495 **SampType:** MSD Units **µg/L** RPD Limit **15**
SampID: 24030573-001BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury		0.20		**4.91**	5.000	0	98.3	4.960	0.93	03/11/2024

Teklab, Inc.
Environmental Laboratory

Receiving Check List

http://www.teklabinc.com/

Client: Ramboll
Client Project: COF-24Q1

Work Order: 24020001
Report Date: 09-Apr-24

Carrier: Justin Colp

Received By: LEH

Completed by: Amber Dilallo
On: 14-Feb-24

Reviewed by: Ellie Hopkins
On: 22-Feb-24

Pages to follow: Chain of custody 33 Extra pages included 0

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐	Temp °C 9.1
Type of thermal preservation?	None ☐	Ice ☑	Blue Ice ☐	Dry Ice ☐
Chain of custody present?	Yes ☑	No ☐		
Chain of custody signed when relinquished and received?	Yes ☑	No ☐		
Chain of custody agrees with sample labels?	Yes ☑	No ☐		
Samples in proper container/bottle?	Yes ☑	No ☐		
Sample containers intact?	Yes ☑	No ☐		
Sufficient sample volume for indicated test?	Yes ☑	No ☐		
All samples received within holding time?	Yes ☑	No ☐		
Reported field parameters measured:	Field ☑	Lab ☐	NA ☐	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐		

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

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

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

pH strip #90719. Additional Nitric Acid (94914) was needed in G313, G314, G314D, and G316 upon arrival at the laboratory. One G216 container was not provided - notified field crew. - DS/amberdilallo - 2/14/2024 10:42:41 AM

Samples received 2/14/24 at 1655 (4.7c on ice LTG 7). Additional Nitric Acid (94914) was needed in G303 and G307 upon arrival at the laboratory. pH strip #89660/90719. - amberdilallo - 2/15/2024 9:24:02 AM

Samples received 2/15/24 at 1600 (8.1c on ice LTG 5). Additional Sodium Hydroxide (95443) was needed in G278 upon arrival at the laboratory. pH strip #89660/90719. The missing G216 container was received. - LH/amberdilallo - 2/16/2024 10:17:36 AM

Samples received 2/16/24 at 1221 (5.5c on ice LTG 5). Additional Nitric Acid (94914) was needed in G206D, G308, and XPW02 upon arrival at the laboratory. pH strip #89660/90719. - LH/amberdilallo - 2/16/2024 3:20:59 PM

Samples were received on 2/19/24 at 1640 on ice [8.5C - LTG5]. Additional Nitric Acid (96331) was needed in G270 and G275D upon arrival at the laboratory. Additional Sodium Hydroxide (95443) was needed in G153 upon arrival at the laboratory. pH strip #89660/90719. - LH/amberdilallo - 2/20/2024 8:40:57 AM

Samples were received on 2/20/24 at 1635 (on ice - 11.1C - LTG#7. Additional Nitric Acid (96331) was needed in G276, G284, G410, G411, R201, and R201 Duplicate upon arrival at the laboratory. Additional Sodium Hydroxide (95443) was needed in G407, R201, and R201 Duplicate upon arrival at the laboratory. Additional Sulfuric Acid (94915) was needed in R201 and R201 Duplicate upon arrival at the laboratory. - LM/nickreed - 2/20/2024 5:06:51 PM

Samples were received on 2/21/24 at 1635 (on ice - 10.3C - LTG#5. Additional Nitric Acid (96331) was needed in G283, G401, G402, G405, G406,

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Receiving Check List

Client: Ramboll
Work Order: 24020001
Client Project: COF-24Q1
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and NE Riser upon arrival at the laboratory. Additional Sodium Hydroxide was needed in G401 and G402 upon arrival at the laboratory. pH strip #90719/89660. - nickreed - 2/21/2024 6:32:49 PM

Equipment Blank 1 was filtered and preserved with HNO3 (96331), H2SO4 (94915) and left unpreserved for the dissolved parameters upon arrival at the laboratory. Sample was not filtered in the field for DOC; no unpreserved glass container was provided. DOC will be reported from the non-filtered container. - FB/AMD/ehurley - 2/22/2024 1:29:39 PM

Samples were received on 2/22/24 at 1300 on ice - 15.4C - LTG7. Additional Nitric Acid (96331) was needed in L202 and L203 upon arrival at the laboratory. pH strip #90719. - DS/amberdilallo - 2/22/2024 2:54:11 PM

24020001

(99914)
HNO3 added to D59/14
Final 4 samples
1 liter unp missing from G216

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-Coffeen	Report To: Brian Voelker	Attention: Jason Stuckey
Address: 134 CIPS Lane	Copy To: Sam Davies-samantha.davies@vistracorp.com	Company Name: Vistra Corp
Coffeen, IL 62017	John Romang - John.Romang@vistracorp.com Scott Bell- Michael.Bell@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

MATRIX: DRINKING WATER DW; WATER WT; WASTE 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	COF-257-101	COF-257-102	COF-257-103	COF-257-104	COF-257-105	COF-811-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104	COF-WPCP-102	COF-WPCP-103-104	COF-WPCP-106	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	G122	WT	G				5	2	1	1		1										X								24020001-017
2	G123	WT	G				5	2	1	1		1										X								24020001-018
3	G124	WT	G				5	2	1	1		1										X								24020001-019
4	G125	WT	G				6	2	1	2		1									X	X								24020001-020
5	G126	WT	G				5	2	1	1		1										X								24020001-021
6	G151	WT	G				4	2		1		1																X		24020001-022
7	G152	WT	G				4	2		1		1																X		24020001-023
8	G153	WT	G				4	2		1		1																X		24020001-024
9	G154	WT	G				5	2		2		1														X		X		24020001-025
10	G155	WT	G				4	2		1		1																X		24020001-026
11	G200	WT	G				6	2	1	2		1							X		X				X			X		24020001-027
12	G206	WT	G	2-13-24	1144		6	2	1	2		1							X						X			X		24020001-028
13	G206D	WT	G				2	1		1									X						X					24020001-029
14	G207	WT	G				6	2	1	2		1																X			24020001-030
15	G208	WT	G	2-13-24	1100		6	2	1	2		1																X			24020001-031
16	G209	WT	G	2-13-24	1030		6	2	1	2		1							X						X			X			24020001-032

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
COF-24Q1 Rev 1	J. Colp	2-13	1640		2/13	1640

SAMPLE CONDITIONS	>	N	Y
9.1			
Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Justin Colp

SIGNATURE of SAMPLER: Justin Colp

DATE Signed (MM/DD/YY): 2-13-24

LTG 7

24020001

CHAIN-OF-CUSTODY / Analytical Request Document

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Page: 3 of 7

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company:	Vistra Corp-Coffeen	Report To:	Brian Voelker	Attention:	Jason Stuckey
Address:	134 CIPS Lane	Copy To:	Sam Davies-samantha.davies@vistracorp.com	Company Name:	Vistra Corp
	Coffeen, IL 62017		John Romang - John.Romang@vistracorp.com Scott Bell- Michael.Bell@vistracorp.com	Address:	see Section A
Email To:	Brian.Voelker@VistraCorp.com	Purchase Order No.:		Quote Reference:	
Phone:	(217) 753-891 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		

ITEM #	Section D Required Client Information SAMPLE ID (A-Z, 0-9 / ,) Sample IDs MUST BE UNIQUE	MATRIX Codes: DRINKING WATER DW, WATER WT, WASTE WW, PRODUCT P, 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: COF-257-101	COF-257-102	COF-257-103	COF-257-104	COF-257-105	COF-811-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104	COF-WPCP-102	COF-WPCP-103-104	COF-WPCP-106	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	G210		WT	G	2-13-24	0948		5	2	1	1		1														X			24020001-033
2	G211		WT	G				5	2	1	1		1														X			24020001-034
3	G212		WT	G				5	2	1	1		1							X							X			24020001-035
4	G213		WT	G				5	2	1	1		1							X							X			24020001-036
5	G214		WT	G	2-13-24	1437		5	2	1	1		1														X			24020001-037
6	G215		WT	G		1412		5	2	1	1		1							X							X			24020001-038
7	G216		WT	G		1340		5	2	1	1		1														X			24020001-039
8	G217		WT	G		1240		5	2	1	1		1							X							X			24020001-040
9	G218		WT	G	↓	1211		5	2	1	1		1							X							X			24020001-041
10	G270		WT	G				5	2	1	1		1					X		X				X		X	X	X			24020001-042
11	G271		WT	G				5	2	1	1		1							X						X	X	X			24020001-043
12	G272		WT	G				5	2	1	1		1														X			24020001-044
13	G273		WT	G				5	2	1	1		1							X						X	X			24020001-045
14	G274		WT	G				5	2	1	1		1														X			24020001-046
15	G275		WT	G				5	2	1	1		1							X						X	X			24020001-047
16	G275D		WT	G				2	1		1									X						X				24020001-048

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS	Y	N	
COF-24Q1 Rev 1	J. Colp	2-13	1640		2/13	1640				
							5.1			

SAMPLER NAME AND SIGNATURE			Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER:	Justin Colp					
SIGNATURE of SAMPLER:		DATE Signed (MM/DD/YY): 2-13-24	UG7			

24020001

CHAIN-OF-CUSTODY / Analytical Request Document

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Page: 5 of 7

Section A Required Client Information

Company:	Vistra Corp-Coffeen
Address:	134 CIPS Lane
	Coffeen, IL 62017
Email To:	Brian.Voelker@VistraCorp.com
Phone:	(217) 753-8911 Fax
Requested Due Date/TAT:	10 day

Section B Required Project Information

Report To:	Brian Voelker
Copy To:	Sam Davies-samantha.davies@vistracorp.com
	John Romang - John.Romang@vistracorp.com
	Scott Bell- Michael.Bell@vistracorp.com
Purchase Order No.:	
Project Name:	
Project Number:	2285

Section C Invoice Information:

Attention:	Jason Stuckey
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 WW; PRODUCT P; SOIL/SOLID SL; OIL OL; WIPE WP; AIR AR; OTHER OT; TISSUE TS

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

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	COF-257-101	COF-257-102	COF-257-103	COF-257-104	COF-257-105	COF-811-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104	COF-WPCP-102	COF-WPCP-103-104	COF-WPCP-106		Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	G308	WT	G				2	1		1							X						X									24020001-065
2	G310	WT	G				2	1		1							X						X									24020001-066
3	G312	WT	G				2	1		1							X						X									24020001-067
4	G313	WT	G	2-13-24	1419		2	1		1							X						X									24020001-068
5	G314	WT	G	2-13-24	1311		2	1		1							X						X									24020001-069
6	G314D	WT	G	2-13-24	1220		2	1		1							X						X									24020001-070
7	G315	WT	G				2	1		1							X						X									24020001-071
8	G316	WT	G	2-13-24	1131		2	1		1							X						X									24020001-072
9	G401	WT	G				4	1		2		1						X						X			X						24020001-073
10	G402	WT	G				4	1		2		1						X						X			X						24020001-074
11	G403	WT	G				4	1		2		1						X						X			X						24020001-075
12	G404	WT	G				4	1		2		1						X						X			X						24020001-076
13	G405	WT	G				4	1		2		1						X						X			X						24020001-077
14	G406	WT	G				4	1		2		1						X						X			X						24020001-078
15	G407	WT	G				4	1		2		1						X						X			X						24020001-079
16	G410	WT	G				4	1		2		1															X						24020001-080

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS	Y	N	
COF-24Q1 Rev 1	J. Colp	2-13	1640		2/13	1640				
							9.1			

SAMPLER NAME AND SIGNATURE					
PRINT Name of SAMPLER:	Justin Colp	DATE Signed (MM/DD/YY):	2-13-24	Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
SIGNATURE of SAMPLER:							

LTG7

24020001

CHAIN-OF-CUSTODY / Analytical Request Document

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Page: 1 of 7

Section A Required Client Information		Section B Required Project Information:		Section C Invoice Information:	
Company:	Vistra Corp-Coffeen	Report To:	Brian Voelker	Attention:	Jason Stuckey
Address:	134 CIPS Lane	Copy To:	Sam Davies-samantha.davies@vistracorp.com	Company Name:	Vistra Corp
	Coffeen, I . 62017		John Romang - John.Romang@vistracorp.com Scott Bell- Michael.Bell@vistracorp.com	Address:	see Section A
Email To:	Brian.Voelker@VistraCorp.com	Purchase Order No.:		Quote Reference:	
Phone:	(217) 753-891 I 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 WW; WATER PRODUCT P; SOIL/GOLD SL; OIL OL; WIPE WP; AIR AR; OTHER OT; TISSUE TS

ITEM #	Section D Required Client Information: SAMPLE ID (A-Z, 0-9 / ,) Sample IDs MUST BE UNIQUE	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Y/N	Analysis Test	COF-257-101	COF-257-102	COF-257-103	COF-257-104	COF-257-105	COF-811-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104	COF-WPCP-102	COF-WPCP-103-104	COF-WPCP-106		Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	AP2D	WT	G				2	1		1									X					X								24020001-001
2	G1001	WT	G				2	1		1									X					X								24020001-002
3	G1003	WT	G				4	1		3									X					X								24020001-003
4	G101	WT	G				5	2	1	1		1											X									24020001-004
5	G102	WT	G	2-14-24	1113		7	2	2	2		1										X	X					X				24020001-005
6	G103	WT	G	2-14-24	1150		7	2	2	2		1											X					X				24020001-006
7	G105	WT	G	2-14-24	1213		7	2	2	2		1											X					X				24020001-007
8	G106	WT	G	2-14-24	1258		7	2	2	2		1										X	X					X				24020001-008
9	G107	WT	G	2-14-24	1330		5	2	1	1		1											X									24020001-009
10	G108	WT	G	2-14-24	1347		5	2	1	1		1											X									24020001-010
11	G109	WT	G	2-14-24	1405		5	2	1	1		1											X									24020001-011
12	G110	WT	G	2-14-24	1421		6	2	1	2		1										X	X									24020001-012
13	G111	WT	G				5	2	1	1		1											X									24020001-013
14	G119	WT	G				5	2	1	1		1											X									24020001-014
15	G120	WT	G				6	2	1	2		1										X	X									24020001-015
16	G121	WT	G				5	2	1	1		1											X									24020001-016

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
COF-24Q1 Rev 1	J. Colp	2-14	1655	[signature]	2/14	1655	
							4.7

SAMPLER NAME AND SIGNATURE					
PRINT Name of SAMPLER:	Justin Colp				
SIGNATURE of SAMPLER:	[signature]	DATE Signed (MM/DD/YY):	2-14-24	Temp in °C	Received on Ice (Y/N) Y
					Custody Sealed Cooler (Y/N) N
					Samples Intact (Y/N) Y

Added HNO3 (94914) to G303 & G307. pH ✓ 89e120/90719 SM 2/15/24

LIGS

24020001

CHAIN-OF-CUSTODY / Analytical Request Document

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Page: 3 of 7

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company:	Vistra Co p-Coffeen	Report To:	Brian Voelker	Attention:	Jason Stuckey
Address:	134 CIPS Lane	Copy To:	Sam Davies-samantha.davies@vistracorp.com	Company Name:	Vistra Corp
	Coffeen, Il 62017		John Romang - John.Romang@vistracorp.com Scott Bell- Michael.Bell@vistracorp.com	Address:	see Section A
Email To:	Brian.Voe er@VistraCorp.com	Purchase Order No.:		Quote Reference:	
Phone:	(217) 753-891 Fax:	Project Name:		Project Manager:	
Requested Due Date/TA :	10 day	Project Number:	2285	Profile #:	

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

ITEM #	Section D Required Client Information: SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE	Valid Matrix Codes MATRIX: DRINKING WATER DW, WATER WT, WASTE WW, WATER P, PRODUCT SL, SOIL/GOLID OL, OIL WP, WIPE AR, AIR OT, OTHER TS, TISSUE	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	COF-257-101	COF-257-102	COF-257-103	COF-257-104	COF-257-105	COF-B11-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104	COF-WPCP-102	COF-WPCP-103-104	COF-WPCP-106	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	G210		WT	G				5	2	1	1		1														X			24020001-033
2	G211		WT	G	2-14-24	1046		5	2	1	1		1														X			24020001-034
3	G212		WT	G	2-14-24	1017		5	2	1	1		1						X								X			24020001-035
4	G213		WT	G	2-14-24	0955		5	2	1	1		1						X								X			24020001-036
5	G214		WT	G				5	2	1	1		1														X			24020001-037
6	G215		WT	G				5	2	1	1		1						X								X			24020001-038
7	G216		WT	G				5	2	1	1		1														X			24020001-039
8	G217		WT	G				5	2	1	1		1						X								X			24020001-040
9	G218		WT	G				5	2	1	1		1						X								X			24020001-041
10	G270		WT	G				5	2	1	1		1					X		X				X		X	X	X			24020001-042
11	G271		WT	G				5	2	1	1		1							X						X		X			24020001-043
12	G272		WT	G				5	2	1	1		1														X			24020001-044
13	G273		WT	G				5	2	1	1		1							X						X		X			24020001-045
14	G274		WT	G				5	2	1	1		1														X			24020001-046
15	G275		WT	G				5	2	1	1		1							X						X		X			24020001-047
16	G275D		WT	G				2	1		1									X						X					24020001-048

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS	Y	N	
COF-24Q1 Rev 1	J. Colp	2-14	1655		2/14	1655				
							4.7			

SAMPLER NAME AND SIGNATURE		Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER:	Justin Colp				
SIGNATURE of SAMPLER:		DATE Signed (MM/DD/YY): 2-14-24			

CT95

24020001

CHAIN-OF-CUSTODY / Analytical Request Document

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Page: 4 of 7

Section A Required Client Information:

Company:	Vistra Corp-Coffeen
Address:	134 CIPS Lane
	Coffeen, IL 62017
Email To:	Brian.Voelker@VistraCorp.com
Phone: (217) 753-8911	Fax
Requested Due Date/TAT:	10 day

Section B Required Project Information:

Report To:	Brian Voelker
Copy To:	Sam Davies-samantha.davies@vistracorp.com
	John Romang - John.Romang@vistracorp.com Scott Bell- Michael.Bell@vistracorp.com
Purchase Order No.:	
Project Name:	
Project Number:	2285

Section C Invoice Information:

Attention:	Jason Stuckey
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 WW; PRODUCT P; SOIL/SOLID SL; OIL OL; WIPE WP; AIR AR; TISSUE OT; OTHER 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: COF-257-101	COF-257-102	COF-257-103	COF-257-104	COF-257-105	COF-811-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104	COF-WPCP-102	COF-WPCP-103-104	COF-WPCP-106		Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	G276	WT	G				5	2	1	1		1								X						X		X				24020001-049
2	G277	WT	G				5	2	1	1		1								X						X		X				24020001-050
3	G278	WT	G				5	2	1	1		1																X				24020001-051
4	G279	WT	G				5	2	1	1		1								X						X	X	X				24020001-052
5	G280	WT	G				5	2	1	1		1						X		X				X		X	X	X				24020001-053
6	G281	WT	G				4	1		2		1					X	X					X	X			X					24020001-054
7	G283	WT	G				2	1		1										X						X						24020001-055
8	G284	WT	G				2	1		1										X						X						24020001-056
9	G285	WT	G				2	1		1										X						X						24020001-057
10	G301	WT	G				2	1		1							X						X									24020001-058
11	G302	WT	G				2	1		1							X						X									24020001-059
12	G303	WT	G	2/14/24	1023		2	1		1							X						X									24020001-060
13	G305	WT	G				2	1		1							X						X									24020001-061
14	G306	WT	G	2/14/24	1135		2	1		1							X						X									24020001-062
15	G307	WT	G	2/14/24	1458		2	1		1							X						X									24020001-063
16	G307D	WT	G	2/14/24	1347		2	1		1							X						X									24020001-064

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS	Y	N	
COF-24Q1 Rev 1	J. Colp	2-14	1655	[signature]	2/14	1655				
							4.7			

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: John Colp

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 2-14-24

Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
4.95			

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

Company:	Vistra Corp-Coffeen
Address:	134 CIPS Lane
	Coffeen, IL 62017
Email To:	Brian.Voelker@VistraCorp.com
Phone: (217) 753-8911	Fax
Requested Due Date/TAT:	10 day

Section B Required Project Information:

Report To:	Brian Voelker
Copy To:	Sam Davies-samantha.davies@vistracorp.com
	John Romang - John.Romang@vistracorp.com
	Scott Bell- Michael.Bell@vistracorp.com
Purchase Order No.:	
Project Name:	
Project Number:	2285

Section C Invoice Information:

Attention:	Jason Stuckey
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 WW; PRODUCT P; SOIL/SOLID SL; OIL OL; WIPE WP; AIR AR; TISSUE OT; OTHER 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	COF-257-101	COF-257-102	COF-257-103	COF-257-104	COF-257-105	COF-811-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104	COF-WPCP-102	COF-WPCP-103-104	COF-WPCP-106	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	G308	WT	G				2	1		1							X						X								24020001-065
2	G310	WT	G				2	1		1							X						X								24020001-066
3	G312	WT	G				2	1		1							X						X								24020001-067
4	G313	WT	G				2	1		1							X						X								24020001-068
5	G314	WT	G				2	1		1							X						X								24020001-069
6	G314D	WT	G				2	1		1							X						X								24020001-070
7	G315	WT	G	2/14/24	1245		2	1		1							X						X								24020001-071
8	G316	WT	G				2	1		1							X						X								24020001-072
9	G401	WT	G				4	1		2		1						X						X			X					24020001-073
10	G402	WT	G				4	1		2		1						X						X			X					24020001-074
11	G403	WT	G				4	1		2		1						X						X			X					24020001-075
12	G404	WT	G				4	1		2		1						X						X			X					24020001-076
13	G405	WT	G				4	1		2		1						X						X			X					24020001-077
14	G406	WT	G				4	1		2		1						X						X			X					24020001-078
15	G407	WT	G				4	1		2		1						X						X			X					24020001-079
16	G410	WT	G				4	1		2		1															X					24020001-080

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
COF-24Q1 Rev 1	J. Colp	2-14	1655		2/14	1655	
							4.7

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: Justin Colp

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 2-14-24

LTG5

CHAIN-OF-CUSTODY / Analytical Request Document

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Page: 6 of 7

Section A Required Client Information

Company:	Vistra Corp-Coffeen
Address:	134 CIPS Lane
	Coffeen, IL 62017
Email To:	Brian.Voelker@VistraCorp.com
Phone: (217) 753-8911	Fax:
Requested Due Date/TAT:	10 day

Section B Required Project Information:

Report To:	Brian Voelker
Copy To:	Sam Davies-samantha.davies@vistracorp.com
	John Romang - John.Romang@vistracorp.com Scott Bell- Michael.Bell@vistracorp.com
Purchase Order No.:	
Project Name:	
Project Number:	2285

Section C Invoice Information:

Attention:	Jason Stuckey
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; TISSUE OT; OTHER TS

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

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes 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	COF-257-101	COF-257-102	COF-257-103	COF-257-104	COF-257-105	COF-811-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104	COF-WPCP-102	COF-WPCP-103-104	COF-WPCP-106	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	G411	WT	G				4	1		2		1															X				24020001-081
2	L201	WT	G				2	1		1												X									24020001-082
3	L202	WT	G				2	1		1												X									24020001-083
4	L203	WT	G				2	1		1												X									24020001-084
5	NE Riser	WT	G				2	1		1									X						X						24020001-085
6	R104	WT	G	2-14-24	1238		7	2	2	2		1											X					X			24020001-086
7	R201	WT	G				6	2	1	2		1							X			X			X			X			24020001-087
8	R205	WT	G	2-14-24	0922		6	2	1	2		1																X			24020001-088
9	SG-02	WT	G				0										X	X					X	X							24020001-089
10	SG-03	WT	G				0										X	X					X	X							24020001-090
11	T127	WT	G				6	2	1	2		1										X	X									24020001-091
12	T128	WT	G				5	2	1	1		1											X									24020001-092
13	X201	WT	G				2	1		1										X						X						24020001-093
14	XPW01	WT	G				2	1		1							X							X								24020001-094
15	XPW02	WT	G				2	1		1							X							X								24020001-095
16	XSG-01	WT	G				0										X							X								24020001-096

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
COF-24Q1 Rev 1	J. Colp	2-14	1655		2/14	1655

SAMPLE CONDITIONS

Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
4.7	Y	N	
4.7			

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Justin Colp

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 2-14-24

4.7 4.5

24020001

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:

Company:	Vistra Co p-Coffeen
Address:	134 CIPS Lane
	Coffeen, IL 62017
Email To:	Brian.Voe ker@VistraCorp.com
Phone: (217) 753-891	Fax
Requested Due Date/TAT:	10 day

Section B Required Project Information:

Report To:	Brian Voelker
Copy To:	Sam Davies-samantha.davies@vistracorp.com
	John Romang - John.Romang@vistracorp.com Scott Bell- Michael.Bell@vistracorp.com
Purchase Order No.:	
Project Name:	
Project Number:	2285

Section C Invoice Information:

Attention:	Jason Stuckey
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 WW, WATER 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	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	COF-257-101	COF-257-102	COF-257-103	COF-257-104	COF-257-105	COF-811-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104	COF-WPCP-102	COF-WPCP-103-104	COF-WPCP-106	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	Field Blank	WT	G				7	2	2	2		1					X	X	X	X	X	X	X	X	X	X	X	X	X		24020001-097
2	G102 Duplicate	WT	G	2-14-24	1113		7	2	2	2		1									X	X						X			24020001-098
3	G200 Duplicate	WT	G				6	2	1	2		1							X		X				X			X			24020001-099
4	G273 Duplicate	WT	G				6	2	1	2		1								X						X		X			24020001-100
5	G301 Duplicate	WT	G				2	1		1							X						X					X			24020001-101
6	R201 Duplicate	WT	G				6	2	1	2		1							X		X				X			X			24020001-102
7	Equipment Blank 1	WT	G				7	2	2	2		1					X	X	X	X	X	X	X	X	X	X	X	X	X		24020001-103
8	Equipment Blank 2	WT	G				7	2	2	2		1					X	X	X	X	X	X	X	X	X	X	X	X	X		24020001-104
9	Equipment Blank 3	WT	G				7	2	2	2		1					X	X	X	X	X	X	X	X	X	X	X	X	X		24020001-105
10																														
11																														
12																														
13																														
14																														
15																														
16																														

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS	Y	N	
COF-24Q1 Rev 1	J. Colp	2-14	1655		2/14	1655	4.7			

SAMPLER NAME AND SIGNATURE					
PRINT Name of SAMPLER:	Justin Colp	DATE Signed (MM/DD/YY):	2-14-24	Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
SIGNATURE of SAMPLER:							

LTG 5

24020001

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:

Company:	Vistra Co -Coffeen
Address:	134 CIPS La e
	Coffeen, I 62017
Email To:	Brian.Ve e@VistraCorp.com
Phone: (217) 753-891	Fax:
Requested Due Date/T :	10 day

Section B Required Project Information:

Report To:	Brian Voelker
Copy To:	Sam Davies-samantha.davies@vistracorp.com
	John Romang - John.Romang@vistracorp.com Scott Bell- Michael.Bell@vistracorp.com
Purchase Order No.:	
Project Name:	
Project Number:	2285

Section C Invoice Information:

Attention:	Jason Stuckey
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 Info ation:

SAMPLE D

(A-Z, 9 / ,) an le IDs MUST BE U IQ E

Valid Matrix Codes

MATRIX	
DRINKING WATER	DW
WATER	WT
WASTE WATER	WW
PRODUCT	P
SOIL/SOLID	SL
OIL	OL
WIPE	WP
AIR	AR
TISSUE	OT
OTHER	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	COF-257-101	COF-257-102	COF-257-103	COF-257-104	COF-257-105	COF-811-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104	COF-WPCP-102	COF-WPCP-103-104	COF-WPCP-106	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	AP2D	WT	G				2	1		1								X						X							24020001-001
2	G1001	WT	G	2-15-24	1323		2	1		1								X						X							24020001-002
3	G1003	WT	G				4	1		3								X						X							24020001-003
4	G101	WT	G	2-15-24	1303		5	2	1	1		1										X									24020001-004
5	G102	WT	G				7	2	2	2		1									X	X					X				24020001-005
6	G103	WT	G				7	2	2	2		1										X					X				24020001-006
7	G105	WT	G				7	2	2	2		1										X					X				24020001-007
8	G106	WT	G				7	2	2	2		1									X	X					X				24020001-008
9	G107	WT	G				5	2	1	1		1										X									24020001-009
10	G108	WT	G				5	2	1	1		1										X									24020001-010
11	G109	WT	G				5	2	1	1		1										X									24020001-011
12	G110	WT	G				6	2	1	2		1									X	X									24020001-012
13	G111	WT	G	2-15-24	0903		5	2	1	1		1										X									24020001-013
14	G119	WT	G	2-15-24	0947		5	2	1	1		1										X									24020001-014
15	G120	WT	G	2-15-24	1004		6	2	1	2		1									X	X									24020001-015
16	G121	WT	G	2-15-24	1040		5	2	1	1		1										X									24020001-016

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
COF-2 421 Rev 1	J. Colp	2-15	1600		2/15/24	1600	#5 / 8.1 / (C) / N

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Justin Colp

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 2-15-24

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

PM 90719/89660

added NaOH(95443) to G278

LH 2/16/24

Confidential

24020001

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 Co o-Coffeen
Address:	134 CIPS ane
	Coffeen, 62017
Email To:	Brian.Vo @VistraCorp.com
Phone: (217) 753-891	Fax:
Requested Due Date/T	10 day

Section B Required Project Information:

Report To:	Brian Voelker
Copy To:	Sam Davies-samantha.davies@vistracorp.com
	John Romang - John.Romang@vistracorp.com
	Scott Bell- Michael.Bell@vistracorp.com
Purchase Order No.:	
Project Name:	
Project Number:	2285

Section C Invoice Information:

Attention:	Jason Stuckey
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
TISSUE	OT
	TS

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N	COF-257-101	COF-257-102	COF-257-103	COF-257-104	COF-257-105	COF-811-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104	COF-WPCP-102	COF-WPCP-103-104	COF-WPCP-106	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	G122	WT	G	2-15-24	1105		5	2	1	1		1										X									24020001-017
2	G123	WT	G	2-15-24	1131		5	2	1	1		1										X									24020001-018
3	G124	WT	G	2-15-24	1153		5	2	1	1		1										X									24020001-019
4	G125	WT	G	2-15-24	1219		6	2	1	2		1									X	X									24020001-020
5	G126	WT	G	2-15-24	1322		5	2	1	1		1										X									24020001-021
6	G151	WT	G				4	2		1		1																X			24020001-022
7	G152	WT	G				4	2		1		1																X			24020001-023
8	G153	WT	G				4	2		1		1																X			24020001-024
9	G154	WT	G				5	2		2		1															X	X			24020001-025
10	G155	WT	G				4	2		1		1																X			24020001-026
11	G200	WT	G				6	2	1	2		1							X		X				X			X			24020001-027
12	G206	WT	G				6	2	1	2		1							X						X			X			24020001-028
13	G206D	WT	G				2	1		1									X						X						24020001-029
14	G207	WT	G	2-15-24	1155		6	2	1	2		1																X			24020001-030
15	G208	WT	G				6	2	1	2		1																X			24020001-031
16	G209	WT	G				6	2	1	2		1							X						X			X			24020001-032

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
COF-257-101 Rev 1	J. Colp	2-15	1600		2/15/24	1600

SAMPLE CONDITIONS

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

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Justin Colp

SIGNATURE of SAMPLER: [signature]

DATE Signed (MM/DD/YY): 2-15-24

24020001

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 Co p-Coffeen
Address:	134 CIPS Lane
	Coffeen, I . 62017
Email To:	Brian Vo se @VistraCorp.com
Phone: (217) 753-891	Fax:
Requested Due Date/T/ f:	10 day

Section B Required Project Information:

Report To:	Brian Voelker
Copy To:	Sam Davies-samantha.davies@vistracorp.com
	John Romang - John.Romang@vistracorp.com Scott Bell- Michael.Bell@vistracorp.com
Purchase Order No.:	
Project Name:	
Project Number:	2285

Section C Invoice Information:

Attention:	Jason Stuckey
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 Info

SAMPLE ID

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

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

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	COF-257-101	COF-257-102	COF-257-103	COF-257-104	COF-257-105	COF-811-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104	COF-WPCP-102	COF-WPCP-103-104	COF-WPCP-106	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	G276	WT	G				5	2	1	1		1								X						X		X			24020001-049
2	G277	WT	G				5	2	1	1		1								X						X		X			24020001-050
3	G278	WT	G	2-15-24	1103		5	2	1	1		1																X			24020001-051
4	G279	WT	G				5	2	1	1		1								X						X	X	X			24020001-052
5	G280	WT	G				5	2	1	1		1						X		X				X		X	X	X			24020001-053
6	G281	WT	G	2-15-24	1422		4	1		2		1					X	X					X	X			X				24020001-054
7	G283	WT	G				2	1		1										X						X					24020001-055
8	G284	WT	G				2	1		1										X						X					24020001-056
9	G285	WT	G				2	1		1										X						X					24020001-057
10	G301	WT	G				2	1		1							X						X								24020001-058
11	G302	WT	G				2	1		1							X						X								24020001-059
12	G303	WT	G				2	1		1							X						X								24020001-060
13	G305	WT	G				2	1		1							X						X								24020001-061
14	G306	WT	G				2	1		1							X						X								24020001-062
15	G307	WT	G				2	1		1							X						X								24020001-063
16	G307D	WT	G				2	1		1							X						X								24020001-064

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
COF-2 4Q1 Rev 1	J. Colp	2-15	1600		2/15/24	1600	

SAMPLER NAME AND SIGNATURE					
PRINT Name of SAMPLER:	Justin Colp		Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
SIGNATURE of SAMPLER:		DATE Signed (MM/DD/YY): 2-15-24				

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)

Company:	Vistra Corp-Coffeen
Address:	134 CIPS Lane
	Coffeen, IL 62017
Email To:	Brian.Voelker@VistraCorp.com
Phone: (217) 753-8911	Fax:
Requested Due Date/TAT:	10 day

Section B (Required Project Information)

Report To:	Brian Voelker
Copy To:	Sam Davies-samantha.davies@vistracorp.com
	John Romang - John.Romang@vistracorp.com
	Scott Bell- MichaelBell@vistracorp.com
Purchase Order No.:	
Project Name:	
Project Number:	2285

Section C (Invoice Information)

Attention:	Jason Stuckey
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 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	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	COF-257-101	COF-257-102	COF-257-103	COF-257-104	COF-257-105	COF-811-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104	COF-WPCP-102	COF-WPCP-103-104	COF-WPCP-106	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	G411	WT	G				4	1		2		1															X				24020001-081
2	L201	WT	G				2	1		1											X										24020001-082
3	L202	WT	G				2	1		1											X										24020001-083
4	L203	WT	G				2	1		1											X										24020001-084
5	NE Riser	WT	G				2	1		1									X						X						24020001-085
6	R104	WT	G				7	2	2	2		1										X						X			24020001-086
7	R201	WT	G				6	2	1	2		1							X		X				X			X			24020001-087
8	R205	WT	G				6	2	1	2		1																X			24020001-088
9	SG-02	WT	G				0										X	X					X	X							24020001-089
10	SG-03	WT	G				0										X	X					X	X							24020001-090
11	T127	WT	G				6	2	1	2		1									X	X									24020001-091
12	T128	WT	G	2-15-24	0929		5	2	1	1		1										X									24020001-092
13	X201	WT	G				2	1		1										X						X					24020001-093
14	XPW01	WT	G				2	1		1							X						X								24020001-094
15	XPW02	WT	G				2	1		1							X						X								24020001-095
16	XSG-01	WT	G				0										X						X								24020001-096

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
COF-24Q1 Rev 1	J. Colp	2-15	1600		2/15/24	1600

SAMPLE CONDITIONS: Y / N

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Justin Colp

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 2-15-24

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

24020001

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 Co - Coffeen	Report To:	Brian Voelker	Attention:	Jason Stuckey
Address:	134 CIPS Lane	Copy To:	Sam Davies-samantha.davies@vistracorp.com	Company Name:	Vistra Corp
	Coffeen, 62017		John Romang - John.Romang@vistracorp.com Scott Bell- Michael.Bell@vistracorp.com	Address:	see Section A
Email To:	Brian.Vo [illegible] VistraCorp.com	Purchase Order No.:		Quote Reference:	
Phone:	(217) 753-89[illegible] Fax:	Project Name:		Project Manager:	
Requested Due Date/T[illegible] :	10 day	Project Number:	2285	Profile #:	

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

Section D Required Client Info[illegible]

SAMPLE [illegible]D

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

Valid Matrix Codes

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

ITEM #	Section D Required Client Info[illegible]	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	COF-257-101	COF-257-102	COF-257-103	COF-257-104	COF-257-105	COF-811-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104	COF-WPCP-102	COF-WPCP-103-104	COF-WPCP-106	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	G122	WT	G				5	2	1	1		1										X									24020001-017
2	G123	WT	G				5	2	1	1		1										X									24020001-018
3	G124	WT	G				5	2	1	1		1										X									24020001-019
4	G125	WT	G				6	2	1	2		1									X	X									24020001-020
5	G126	WT	G				5	2	1	1		1										X									24020001-021
6	G151	WT	G				4	2		1		1																	X		24020001-022
7	G152	WT	G				4	2		1		1																	X		24020001-023
8	G153	WT	G				4	2		1		1																	X		24020001-024
9	G154	WT	G				5	2		2		1															X		X		24020001-025
10	G155	WT	G	2/16/24	1037		4	2		1		1																	X		24020001-026
11	G200	WT	G				6	2	1	2		1							X		X				X			X			24020001-027
12	G206	WT	G				6	2	1	2		1							X						X			X			24020001-028
13	G206D	WT	G	2/16/24	931		2	1		1									X						X						24020001-029
14	G207	WT	G				6	2	1	2		1																X			24020001-030
15	G208	WT	G				6	2	1	2		1																X			24020001-031
16	G209	WT	G				6	2	1	2		1							X						X			X			24020001-032

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
COF-[illegible]421 Rev 1	Tracy Cowell	2/16/24	1221	[illegible]	2/16/24	1221		Y	N	Y
							5.5			

SAMPLER NAME AND SIGNATURE				
PRINT Name of SAMPLER:	Tracy Cowell	Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
SIGNATURE of SAMPLER:	Tracy Cowell				
DATE Signed (MM/DD/YY):	2/16/24				

UG5 PHV 90719/89660
added HNO_3(94914)
to G206D, G308, XPW02
500ml 500ml 500ml

Confidential

24020001

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:

Company:	Vistra C… offeen
Address:	134 CIPS …e
	Coffeen, … 6…017
Email To:	Brian.Vo… @VistraCorp.com
Phone:	(217) 753-89… Fax:
Requested Due Date/T… :	10 day

Section B Required Project Information:

Report To:	Brian Voelker
Copy To:	Sam Davies-samantha.davies@vistracorp.com
	John Romang - John.Romang@vistracorp.com Scott Bell- Michael.Bell@vistracorp.com
Purchase Order No.:	
Project Name:	
Project Number:	2285

Section C Invoice Information:

Attention:	Jason Stuckey
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 Info… ate

SAMPLE … D

(A-Z, 9 / -) …ample IDs MUST BE U…IQ…E

Valid Matrix Codes

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

ITEM #	Section D Required Client Info… ate SAMPLE … D	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	COF-257-101	COF-257-102	COF-257-103	COF-257-104	COF-257-105	COF-811-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104	COF-WPCP-102	COF-WPCP-103-104	COF-WPCP-106	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	G308	WT	G	2/14/24	1004		2	1		1							X						X								24020001-065
2	G310	WT	G				2	1		1							X						X								24020001-066
3	G312	WT	G				2	1		1							X						X								24020001-067
4	G313	WT	G				2	1		1							X						X								24020001-068
5	G314	WT	G				2	1		1							X						X								24020001-069
6	G314D	WT	G				2	1		1							X						X								24020001-070
7	G315	WT	G				2	1		1							X						X								24020001-071
8	G316	WT	G				2	1		1							X						X								24020001-072
9	G401	WT	G				4	1		2		1						X						X			X					24020001-073
10	G402	WT	G				4	1		2		1						X						X			X					24020001-074
11	G403	WT	G				4	1		2		1						X						X			X					24020001-075
12	G404	WT	G				4	1		2		1						X						X			X					24020001-076
13	G405	WT	G				4	1		2		1						X						X			X					24020001-077
14	G406	WT	G				4	1		2		1						X						X			X					24020001-078
15	G407	WT	G				4	1		2		1						X						X			X					24020001-079
16	G410	WT	G				4	1		2		1															X					24020001-080

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
COF-257-101 Rev 1	Tracy Jarrell	2/14/24	1321	Brian Voelker	2/14/24	1321	

SAMPLER NAME AND SIGNATURE		Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER:	Tracy Jarrell				
SIGNATURE of SAMPLER:	Tracy Jarrell				
DATE Signed (MM/DD/YY):	2/14/24				

24020001

CHAIN-OF-CUSTODY / Analytical Request Document

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Page: 6 of 7

Section A Required Client Information:

Company:	Vistra C[illegible] p- Coffeen
Address:	134 CIP[illegible] Lane
	Coffeen, [illegible]6 017
Email To:	Brian.Vo[illegible]@VistraCorp.com
Phone:	(217) 753-89[illegible] Fax:
Requested Due Date/T[illegible]:	10 day

Section B Required Project Information:

Report To:	Brian Voelker
Copy To:	Sam Davies-samantha.davies@vistracorp.com
	John Romang - John.Romang@vistracorp.com Scott Bell- Michael.Bell@vistracorp.com
Purchase Order No.:	
Project Name:	
Project Number:	2285

Section C Invoice Information:

Attention:	Jason Stuckey
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 Info[illegible]

SAMPLE [illegible] D

(A-Z [illegible]-9 [illegible]-) Sample IDs MUST BE [illegible]NIQUE

Valid Matrix Codes

MATRIX		MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)
DRINKING WATER	DW		
WATER	WT		
WASTE WATER	WW		
PRODUCT	P		
SOIL/SOLID	SL		
OIL	OL		
WIPE	WP		
AIR	AR		
TISSUE	OT		
OTHER	TS		

ITEM #	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	COF-257-101	COF-257-102	COF-257-103	COF-257-104	COF-257-105	COF-811-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104	COF-WPCP-102	COF-WPCP-103-104	COF-WPCP-106	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	G411			4	1		2		1																X				24020001-081
2	L201			2	1		1												X										24020001-082
3	L202			2	1		1												X										24020001-083
4	L203			2	1		1												X										24020001-084
5	NE Riser			2	1		1										X						X						24020001-085
6	R104			7	2	2	2		1											X						X			24020001-086
7	R201			6	2	1	2		1								X		X				X			X			24020001-087
8	R205			6	2	1	2		1																	X			24020001-088
9	SG-02			0											X	X					X	X							24020001-089
10	SG-03			0											X	X					X	X							24020001-090
11	T127			6	2	1	2		1										X	X									24020001-091
12	T128			5	2	1	1		1											X									24020001-092
13	X201			2	1		1											X						X					24020001-093
14	XPW01			2	1		1								X						X								24020001-094
15	XPW02	2/16/24	1045	2	1		1								X						X								24020001-095
16	XSG-01			0											X						X								24020001-096

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS	Y	N	
COF-[illegible]Q1 Rev 1	Tracy Carroll	2/16/24	12:21	[illegible]	2/16/24	1211				

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Tracy Carroll

SIGNATURE of SAMPLER: Tracy Carroll

DATE Signed (MM/DD/YY): 2/16/24

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

24020001

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 C) C feen
Address:	134 CIPS)
	Coffeen, 7
Email To:	Brian Vo Vistracorp.com
Phone:	(217) 753-89
Requested Due Date/T	10 day

Section B Required Project Information:

Report To:	Brian Voelker
Copy To:	Sam Davies-samantha.davies@vistracorp.com
	John Romang - John.Romang@vistracorp.com
	Scott Bell- Michael.Bell@vistracorp.com
Purchase Order No.:	
Project Name:	
Project Number:	2285

Section C Invoice Information:

Attention:	Jason Stuckey
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 Info:

SAMPLE ID

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

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

ITEM #	Section D Required Client Info: 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	COF-257-101	COF-257-102	COF-257-103	COF-257-104	COF-257-105	COF-811-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104	COF-WPCP-102	COF-WPCP-103-104	COF-WPCP-106	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	G122	WT	G				5	2	1	1		1										X								24020001-017
2	G123	WT	G				5	2	1	1		1										X								24020001-018
3	G124	WT	G				5	2	1	1		1										X								24020001-019
4	G125	WT	G				6	2	1	2		1									X	X								24020001-020
5	G126	WT	G				5	2	1	1		1										X								24020001-021
6	G151	WT	G	2-19-24	0911		4	2		1		1																X		24020001-022
7	G152	WT	G	2-14-24	1109		4	2		1		1																X		24020001-023
8	G153	WT	G	2-14-24	1009		4	2		1		1																X		24020001-024
9	G154	WT	G	2-14-24	0948		5	2		2		1														X		X		24020001-025
10	G155	WT	G				4	2		1		1																X		24020001-026
11	G200	WT	G				6	2	1	2		1							X		X				X			X		24020001-027
12	G206	WT	G				6	2	1	2		1							X						X			X		24020001-028
13	G206D	WT	G				2	1		1									X						X					24020001-029
14	G207	WT	G				6	2	1	2		1																X			24020001-030
15	G208	WT	G				6	2	1	2		1																X			24020001-031
16	G209	WT	G				6	2	1	2		1							X						X			X			24020001-032

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
COF-[illegible]1 Rev 1	J. Colp	2-19	1640	[illegible]	2/19/24	1640	SS	Y	N	Y
							LCKS			

SAMPLER NAME AND SIGNATURE					
PRINT Name of SAMPLER:	Justin Colp		Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
SIGNATURE of SAMPLER:	[signature]	DATE Signed (MM/DD/YY): 2-19-24				

PM/907P1/89660
added HNO_3(96331) to G270, G275D
NaOH(95443) to G153

LH 2/20/24

24020001

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 Co[illegible]een
Address: 134 CIPS [illegible]
Coffeen, [illegible]7
Email To: Brian.Voe[illegible]VistraCorp.com
Phone: (217) 753-891[illegible] Fax:
Requested Due Date/T[illegible]: 10 day

Section B Required Project Information:

Report To: Brian Voelker
Copy To: Sam Davies-samantha.davies@vistracorp.com
John Romang - John.Romang@vistracorp.com
Scott Bell- Michael.Bell@vistracorp.com
Purchase Order No.:
Project Name:
Project Number: 2285

Section C Invoice Information:

Attention: Jason Stuckey
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 Info[illegible]

SAMPLE [illegible]
(A-Z, [illegible])
BE [illegible] IDs MUST

Valid Matrix Codes

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

ITEM #	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	COF-257-101	COF-257-102	COF-257-103	COF-257-104	COF-257-105	COF-811-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104	COF-WPCP-102	COF-WPCP-103-104	COF-WPCP-106	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	G210	WT	G				5	2	1	1		1																X			24020001-033
2	G211	WT	G				5	2	1	1		1																X			24020001-034
3	G212	WT	G				5	2	1	1		1							X						X			X			24020001-035
4	G213	WT	G				5	2	1	1		1							X						X			X			24020001-036
5	G214	WT	G				5	2	1	1		1																X			24020001-037
6	G215	WT	G				5	2	1	1		1							X						X			X			24020001-038
7	G216	WT	G				5	2	1	1		1																X			24020001-039
8	G217	WT	G				5	2	1	1		1							X						X			X			24020001-040
9	G218	WT	G				5	2	1	1		1							X						X			X			24020001-041
10	G270	WT	G	2-19-24	1156		5	2	1	1		1						X		X				X		X	X	X			24020001-042
11	G271	WT	G	2-19-24	1220		5	2	1	1		1								X						X		X			24020001-043
12	G272	WT	G	2-19-24	1251		5	2	1	1		1																X			24020001-044
13	G273	WT	G	2-19-24	1318		5	2	1	1		1								X						X		X			24020001-045
14	G274	WT	G	2-19-24	1345		5	2	1	1		1																X			24020001-046
15	G275	WT	G	2-19-24	1421		5	2	1	1		1								X						X		X			24020001-047
16	G275D	WT	G	2-19-24	1405		2	1		1										X						X					24020001-048

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
COF-[illegible]1 Rev 1	J. Colp	2-19	1640	[illegible]	2/19/24	1640	Y / N

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Justin Colp
SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 2-19-24

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

~~G270~~ bottles are labeled G
G271 bottles are labeled G272
G272 bottles are labeled G271
- Brett filled the wrong bottles

24020001

CHAIN-OF-CUSTODY / Analytical Request Document

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

Section A Required Client Information:

Company:	Vistra C [illegible] Coffeen
Address:	134 CIP[illegible]
	Coffeen, [illegible]7
Email To:	Brian.Ve[illegible]VistraCorp.com
Phone:	(217) 753-89[illegible] Fax
Requested Due Date/T[illegible]	10 day

Section B Required Project Information:

Report To:	Brian Voelker
Copy To:	Sam Davies-samantha.davies@vistracorp.com
	John Romang - John.Romang@vistracorp.com Scott Bell- Michael.Bell@vistracorp.com
Purchase Order No.:	
Project Name:	
Project Number:	2285

Section C Invoice Information:

Attention:	Jason Stuckey
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 Info[illegible] Valid Matrix Codes

SAMPLE [illegible]

(A-Z [illegible]

BE[illegible]D

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

IDs MUST

ITEM #	Section D Required Client Info	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	COF-257-101	COF-257-102	COF-257-103	COF-257-104	COF-257-105	COF-811-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104	COF-WPCP-102	COF-WPCP-103-104	COF-WPCP-106		Residual Chlorine (Y/N)	Project No./ Lab I.D.
1		G276	WT	G			5	2	1	1		1									X					X		X				24020001-049
2		G277	WT	G			5	2	1	1		1									X					X		X				24020001-050
3		G278	WT	G			5	2	1	1		1																X				24020001-051
4		G279	WT	G			5	2	1	1		1									X					X	X	X				24020001-052
5		G280	WT	G			5	2	1	1		1						X			X					X	X	X				24020001-053
6		G281	WT	G			4	1		2		1					X	X						X	X			X				24020001-054
7		G283	WT	G			2	1		1											X					X						24020001-055
8		G284	WT	G			2	1		1											X					X						24020001-056
9		G285	WT	G			2	1		1											X					X						24020001-057
10		G301	WT	G	2/19/24	1203		2	1		1						X						X									24020001-058
11		G302	WT	G	2/19/24	1327		2	1		1						X						X									24020001-059
12		G303	WT	G				2	1		1						X						X									24020001-060
13		G305	WT	G	2/19/24	1456		2	1		1						X						X									24020001-061
14		G306	WT	G				2	1		1						X						X									24020001-062
15		G307	WT	G				2	1		1						X						X									24020001-063
16		G307D	WT	G				2	1		1						X						X									24020001-064

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
COF-401 Rev 1	J. Colp	2-19	1640	[illegible]	2/19/24	1640	

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: Justin Colp

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 2-19-24

24020001

CHAIN-OF-CUSTODY / Analytical Request Document

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

Section A Required Client Information:

Company:	Vistra C [illegible] Coffeen
Address:	134 CIP[illegible] La[illegible]
	Coffeen, [illegible]L 7
Email To:	Brian.Vo[illegible]@VistraCorp.com
Phone:	(217) 753-89[illegible] Fax:
Requested Due Date/T[illegible]	10 day

Section B Required Project Information:

Report To:	Brian Voelker
Copy To:	Sam Davies-samantha.davies@vistracorp.com
	John Romang - John.Romang@vistracorp.com
	Scott Bell- Michael.Bell@vistracorp.com
Purchase Order No.:	
Project Name:	
Project Number:	2285

Section C Invoice Information:

Attention:	Jason Stuckey
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 Info[illegible]

SAMPLE [illegible]D

(A-Z [illegible]) Sample IDs MUST BE [illegible]D E

Valid Matrix Codes

MATRIX		
DRINKING WATER	DW	
WATER	WT	
WASTE WATER	WW	
PRODUCT	P	
SOIL/SOLID	SL	
OIL	OL	
WIPE	WP	
AIR	AR	
TISSUE	OT	
OTHER	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	COF-257-101	COF-257-102	COF-257-103	COF-257-104	COF-257-105	COF-811-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104	COF-WPCP-102	COF-WPCP-103-104	COF-WPCP-106	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	G308	WT	G				2	1		1								X						X							24020001-065
2	G310	WT	G	2/19/24	1124		2	1		1								X						X							24020001-066
3	G312	WT	G	2/19/24	1411		2	1		1								X						X							24020001-067
4	G313	WT	G				2	1		1								X						X							24020001-068
5	G314	WT	G				2	1		1								X						X							24020001-069
6	G314D	WT	G				2	1		1								X						X							24020001-070
7	G315	WT	G				2	1		1								X						X							24020001-071
8	G316	WT	G				2	1		1								X						X							24020001-072
9	G401	WT	G				4	1		2		1							X						X			X				24020001-073
10	G402	WT	G				4	1		2		1							X						X			X				24020001-074
11	G403	WT	G				4	1		2		1							X						X			X				24020001-075
12	G404	WT	G				4	1		2		1							X						X			X				24020001-076
13	G405	WT	G				4	1		2		1							X						X			X				24020001-077
14	G406	WT	G				4	1		2		1							X						X			X				24020001-078
15	G407	WT	G				4	1		2		1							X						X			X				24020001-079
16	G410	WT	G				4	1		2		1																X				24020001-080

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS	Y	N	
COF-4[illegible]1 Rev 1	J. Colp	2-19	1610	[illegible]	2/19/24	1610				
							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: [illegible] DATE Signed (MM/DD/YY): 2-19-24

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 C p. Coffeen	Report To: Brian Voelker	Attention: Jason Stuckey
Address: 134 CIP Lane	Copy To: Sam Davies-samantha.davies@vistracorp.com	Company Name: Vistra Corp
Coffeen, IL 6317	John Romang - John.Romang@vistracorp.com Scott Bell- Michael.Bell@vistracorp.com	Address: see Section A
Email To: Brian.Vo VistraCorp.com	Purchase Order No.:	Quote Reference:
Phone: (217) 753-89 Fax:	Project Name:	Project Manager:
Requested Due Date/T: 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

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

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

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: COF-257-101	COF-257-102	COF-257-103	COF-257-104	COF-257-105	COF-811-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104	COF-WPCP-102	COF-WPCP-103-104	COF-WPCP-106	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	G411	WT	G				4	1		2		1														X				24020001-081
2	L201	WT	G				2	1		1											X										24020001-082
3	L202	WT	G				2	1		1											X										24020001-083
4	L203	WT	G				2	1		1											X										24020001-084
5	NE Riser	WT	G				2	1		1									X						X						24020001-085
6	R104	WT	G				7	2	2	2		1										X						X			24020001-086
7	R201	WT	G				6	2	1	2		1							X		X				X			X			24020001-087
8	R205	WT	G				6	2	1	2		1																X			24020001-088
9	SG-02	WT	G				0										X	X					X	X							24020001-089
10	SG-03	WT	G				0										X	X					X	X							24020001-090
11	T127	WT	G				6	2	1	2		1									X	X									24020001-091
12	T128	WT	G				5	2	1	1		1										X									24020001-092
13	X201	WT	G				2	1		1											X					X					24020001-093
14	XPW01	WT	G	2/19/24	1048		2	1		1							X						X								24020001-094
15	XPW02	WT	G				2	1		1							X						X								24020001-095
16	XSG-01	WT	G				0										X						X								24020001-096

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
COF-401 Rev 1	J Colp	2-19	1640	Samantha Davies	2/19/24	1640	

SAMPLER NAME AND SIGNATURE							
PRINT Name of SAMPLER:	Justin Colp						
SIGNATURE of SAMPLER:	Justin Colp	DATE Signed (MM/DD/YY):	2-14-24	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: 7 of 7

Section A Required Client Information

Company:	Vistra C[illegible]-Coffeen
Address:	134 CIPS [illegible]ane
	Coffeen, [illegible]6017
Email To:	Brian.Vo[illegible]@VistraCorp.com
Phone: (217) 753-89[illegible]	Fax:
Requested Due Date/T[illegible]	10 day

Section B Required Project Information:

Report To:	Brian Voelker
Copy To:	Sam Davies-samantha.davies@vistracorp.com
	John Romang - John.Romang@vistracorp.com Scott Bell- Michael.Bell@vistracorp.com
Purchase Order No.:	
Project Name:	
Project Number:	2285

Section C Invoice Information:

Attention:	Jason Stuckey
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 Info[illegible]

SAMPLE [illegible]D

(A-Z, [illegible] and [illegible] IDs MUST BE [illegible]IQUE

Valid Matrix Codes

MATRIX		MATRIX CODE (use valid codes to left)
DRINKING WATER	DW	
WATER	WT	
WASTE WATER	WW	
PRODUCT	P	
SOIL/SOLID	SL	
OIL	OL	
WIPE	WP	
AIR	AR	
TISSUE	OT	
OTHER	TS	

SAMPLE TYPE (G=GRAB C=COMP)

COLLECTED: DATE, TIME

SAMPLE TEMP AT COLLECTION

OF CONTAINERS

Preservatives: Unpreserved, H_2SO_4, HNO_3, HCl, NaOH, $Na_2S_2O_3$, Methanol, Other

Requested Analysis Filtered (Y/N)

Analysis Test (Y/N): COF-257-101, COF-257-102, COF-257-103, COF-257-104, COF-257-105, COF-811-105, COF-845-101, COF-845-102, COF-845-103, COF-845-104, COF-WPCP-102, COF-WPCP-103-104, COF-WPCP-106

Residual Chlorine (Y/N)

ITEM #	Sample ID	MATRIX CODE	SAMPLE TYPE	DATE	TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	COF-257-101	COF-257-102	COF-257-103	COF-257-104	COF-257-105	COF-811-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104	COF-WPCP-102	COF-WPCP-103-104	COF-WPCP-106	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	Field Blank	WT	G				7	2	2	2		1				X	X	X	X	X	X	X	X	X	X	X	X	X		24020001-097
2	[illegible]3102 Duplicate	WT	G				7	2	2	2		1								X	X						X			24020001-098
3	[illegible]3200 Duplicate	WT	G				6	2	1	2		1						X		X				X			X			24020001-099
4	[illegible]3273 Duplicate	WT	G	2-19-24	1318		6	2	1	2		1							X						X		X			24020001-100
5	[illegible]3301 Duplicate	WT	G	2/19/24	1265		2	1		1						X						X								24020001-101
6	[illegible]R201 Duplicate	WT	G				6	2	1	2		1						X		X				X			X			24020001-102
7	Equipment Blank 1	WT	G				7	2	2	2		1				X	X	X	X	X	X	X	X	X	X	X	X	X		24020001-103
8	Equipment Blank 2	WT	G				7	2	2	2		1				X	X	X	X	X	X	X	X	X	X	X	X	X		24020001-104
9	Equipment Blank 3	WT	G				7	2	2	2		1				X	X	X	X	X	X	X	X	X	X	X	X	X		24020001-105
10																														
11																														
12																														
13																														
14																														
15																														
16																														

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS	Y	N	
COF-421 Rev 1	J. Colp	2-19	1640	[illegible]	2/19/24	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: Justin Colp

SIGNATURE of SAMPLER: Justin Colp

DATE Signed (MM/DD/YY): 2-19-24

24020001

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 C [illegible] feen
Address:	134 CIP[illegible]
	Coffeen, [illegible]7
Email To:	Brian.V[illegible]VistraCorp.com
Phone:	(217) 753-89[illegible] ax
Requested Due Date/T[illegible]	10 day

Section B Required Project Information:

Report To:	Brian Voelker
Copy To:	Sam Davies-samantha.davies@vistracorp.com
	John Romang - John.Romang@vistracorp.com
	Scott Bell- Michael.Bell@vistracorp.com
Purchase Order No.:	
Project Name:	
Project Number:	2285

Section C Invoice Information:

Attention:	Jason Stuckey
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 Info[illegible]

SAMPLE [illegible]
(A-Z [illegible]
BE [illegible] IDs MUST

Valid Matrix Codes

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

Requested Analysis Filtered (Y/N)

ITEM #		MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N	COF-257-101	COF-257-102	COF-257-103	COF-257-104	COF-257-105	COF-811-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104	COF-WPCP-102	COF-WPCP-103-104	COF-WPCP-106	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	G276 *	WT	G	2-20-24	0921		5	2	1	1		1								X						X		X			24020001-049
2	G277	WT	G	2-20-24	0940		5	2	1	1		1								X						X		X			24020001-050
3	G278	WT	G				5	2	1	1		1																X			24020001-051
4	G279	WT	G	2-20-24	1025		5	2	1	1		1								X						X	X	X			24020001-052
5	G280	WT	G	2-20-24	1110		5	2	1	1		1						X		X				X		X	X	X			24020001-053
6	G281	WT	G				4	1		2		1					X	X					X	X			X				24020001-054
7	G283	WT	G				2	1		1										X						X					24020001-055
8	G284 *	WT	G	2/29/24	1426		2	1		1										X						X					24020001-056
9	G285	WT	G	2/20/24	1318		2	1		1										X						X					24020001-057
10	G301	WT	G				2	1		1							X						X								24020001-058
11	G302	WT	G				2	1		1							X						X								24020001-059
12	G303	WT	G				2	1		1							X						X								24020001-060
13	G305	WT	G				2	1		1							X						X								24020001-061
14	G306	WT	G				2	1		1							X						X								24020001-062
15	G307	WT	G				2	1		1							X						X								24020001-063
16	G307D	WT	G				2	1		1							X						X								24020001-064

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
COF-[illegible] 1 Rev 1	J. Colp	2-20	1635	[illegible]	2/20/24	1635	1.1 / Y / Z / Y

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Justin Colp

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 2-20-24

Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
LTG1			

* Added HNO_3 (96331) on 2/20
Added H_2SO_4 & NaOH to R201
(94915) (95443)

24020001

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:

Company:	Vistra C feen
Address:	134 CIP:
	Coffeen, 7
Email To:	Stac vistraCorp.com
Phone:	(217) 753-89 ax
Requested Due Date/T	10 day

Section B Required Project Information:

Report To:	Brian Voelker
Copy To:	Sam Davies-samantha.davies@vistracorp.com
	John Romang - John.Romang@vistracorp.com Scott Belk-Michael.Belk@vistracorp.com
Purchase Order No.:	
Project Name:	
Project Number:	2285

Section C Invoice Information:

Attention:	Jason Stuckey
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 Info

SAMPLE (A-Z IDs MUST BE

Valid Matrix Codes

MATRIX: DRINKING WATER DW; WT; WATER WW; WASTE P; WATER PRODUCT SL; SOIL/SOLID OL; WP; OIL AR; WPE DT; AIR TS; OTHER; TISSUE

ITEM #	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	COF-257-101	COF-257-102	COF-257-103	COF-257-104	COF-257-105	COF-811-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104	COF-WPCP-102	COF-WPCP-103-104	COF-WPCP-106	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	G308	WT	G			2	1		1							X						X								24020001-065
2	G310	WT	G			2	1		1							X						X								24020001-066
3	G312	WT	G			2	1		1							X						X								24020001-067
4	G313	WT	G			2	1		1							X						X								24020001-068
5	G314	WT	G			2	1		1							X						X								24020001-069
6	G314D	WT	G			2	1		1							X						X								24020001-070
7	G315	WT	G			2	1		1							X						X								24020001-071
8	G316	WT	G			2	1		1							X						X								24020001-072
9	G401	WT	G			4	1		2		1						X						X			X				24020001-073
10	G402	WT	G			4	1		2		1						X						X			X				24020001-074
11	G403	WT	G			4	1		2		1						X						X			X				24020001-075
12	G404	WT	G			4	1		2		1						X						X			X				24020001-076
13	G405	WT	G			4	1		2		1						X						X			X				24020001-077
14	G406	WT	G			4	1		2		1						X						X			X				24020001-078
15	G407	WT	G	2/20/24	1015	4	1		2		1						X						X			X				24020001-079
16	G410 X	WT	G	2/20/24	1118	4	1		2		1															X				24020001-080

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
COF-[illegible] 1 Rev 1	J. Colp	2-20	1635	[illegible]	2/20/24	1635	

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Justin Colp

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 2-20-24

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

24020001

CHAIN-OF-CUSTODY / Analytical Request Document

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

Section A Required Client Information:

Company:	Vistra C [illegible] ffeen
Address:	134 CIP [illegible]
	Coffeen, [illegible] 17
Email To:	Brian.[illegible] VistraCorp.com
Phone:	(217) 753-89 [illegible] ax:
Requested Due Date/T	10 day

Section B Required Project Information:

Report To:	Brian Voelker
Copy To:	Sam Davies-samantha.davies@vistracorp.com
	John Romang - John.Romang@vistracorp.com Scott Belt- Michael.Belt@vistracorp.com
Purchase Order No.:	
Project Name:	
Project Number:	2285

Section C Invoice Information:

Attention:	Jason Stuckey
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 Info: SAMPLE [illegible] (A-Z [illegible] BE [illegible] IDs MUST

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

ITEM #	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	COF-257-101	COF-257-102	COF-257-103	COF-257-104	COF-257-105	COF-811-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104	COF-WPCP-102	COF-WPCP-103-104	COF-WPCP-106	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	G411 *	WT	G	2/20/24	1213		4	1		2		1														X				24020001-081
2	L201	WT	G				2	1		1										X										24020001-082
3	L202	WT	G				2	1		1										X										24020001-083
4	L203	WT	G				2	1		1										X										24020001-084
5	NE Riser	WT	G				2	1		1								X						X						24020001-085
6	R104	WT	G		1405		7	2	2	2		1									X						X			24020001-086
7	R201 * *	WT	G	2-20-24	~~0847~~ 1407		6	2	1	2		1						X		X				X			X			24020001-087
8	R205	WT	G				6	2	1	2		1															X			24020001-088
9	SG-02	WT	G				0									X	X					X	X							24020001-089
10	SG-03	WT	G				0									X	X					X	X							24020001-090
11	T127	WT	G	2-20-24	1258		6	2	1	2		1								X	X									24020001-091
12	T128	WT	G				5	2	1	1		1									X									24020001-092
13	X201	WT	G	2-20-24	0847		2	1		1									X						X					24020001-093
14	XPW01	WT	G				2	1		1						X						X								24020001-094
15	XPW02	WT	G				2	1		1						X						X								24020001-095
16	XSG-01	WT	G				0									X						X								24020001-096

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
COF-[illegible]1 Rev 1	J. Colp	2-20	1635	Jason DiSalvo	2/20/24	1635	

* Field-filter in lab JC

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Justin Colp

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 2-20-24

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

24020001

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

Company:	Vistra Co o-Coffeen
Address:	134 CIPS Lane
	Coffeen, I 62017
Email To:	Brian.Voe w.2VistraCorp.com
Phone: (217) 753-891	Fax
Requested Due Date/TA :	10 day

Section B Required Project Information:

Report To:	Brian Voelker
Copy To:	Sam Davies-samantha.davies@vistracorp.com
	John Romang - John.Romang@vistracorp.com
	Scott Bell- Michael.Bell@vistracorp.com
Purchase Order No.:	
Project Name:	
Project Number:	2285

Section C Invoice Information:

Attention:	Jason Stuckey
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 D

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

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

ITEM #	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	COF-257-101	COF-257-102	COF-257-103	COF-257-104	COF-257-105	COF-811-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104	COF-WPCP-102	COF-WPCP-103-104	COF-WPCP-106	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	WT	G				7	2	2	2		1					X	X	X	X	X	X	X	X	X	X	X	X	X		24020001-097
2	WT	G				7	2	2	2		1									X	X						X			24020001-098
3	WT	G				6	2	1	2		1							X		X				X			X			24020001-099
4	WT	G				6	2	1	2		1								X						X		X			24020001-100
5	WT	G				2	1		1							X						X								24020001-101
6	WT	G	2-20-24	1405		6	2	1	2		1							X		X				X			X			24020001-102
7	WT	G				7	2	2	2		1					X	X	X	X	X	X	X	X	X	X	X	X	X		24020001-103
8	WT	G				7	2	2	2		1					X	X	X	X	X	X	X	X	X	X	X	X	X		24020001-104
9	WT	G				7	2	2	2		1					X	X	X	X	X	X	X	X	X	X	X	X	X		24020001-105
10																														
11																														
12																														
13																														
14																														
15																														
16																														

Requested Analysis Filtered (Y/N)

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS	Y	N	
COF-24Q1 Rev 1	J. Colp	2-20	1635	Cynthia Dilella	2/20/24	1635				

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Justin Colp

SIGNATURE of SAMPLER: Justin Colp DATE Signed (MM/DD/YY): 2-20-24

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

24020001

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-Coffeen	Report To:	Brian Voelker	Attention:	Jason Stuckey
Address:	134 CIPS Lane	Copy To:	Sam Davies-samantha.davies@vistracorp.com	Company Name:	Vistra Corp
	Coffeen, IL 62017		John Romang - John.Romang@vistracorp.com Scott Bell- Michael.Bell@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, WW, WASTE P, WATER PRODUCT SL, SOIL/SOLID OL, WP, OIL AR, WPE OT, AIR TS, OTHER TISSUE

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

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Y/N	Analysis Test: COF-257-101	COF-257-102	COF-257-103	COF-257-104	COF-257-105	COF-811-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104	COF-WPCP-102	COF-WPCP-103-104	COF-WPCP-106	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	AP2D	WT	G	2-21-24	1454		2	1		1								X						X							24020001-001
2	G1001	WT	G				2	1		1								X						X							24020001-002
3	G1003	WT	G	2-21-24	DRY		4	1		3								X						X							24020001-003
4	G101	WT	G				5	2	1	1		1										X									24020001-004
5	G102	WT	G				7	2	2	2		1									X	X					X				24020001-005
6	G103	WT	G				7	2	2	2		1										X					X				24020001-006
7	G105	WT	G				7	2	2	2		1										X					X				24020001-007
8	G106	WT	G				7	2	2	2		1									X	X					X				24020001-008
9	G107	WT	G				5	2	1	1		1										X									24020001-009
10	G108	WT	G				5	2	1	1		1										X									24020001-010
11	G109	WT	G				5	2	1	1		1										X									24020001-011
12	G110	WT	G				6	2	1	2		1									X	X									24020001-012
13	G111	WT	G				5	2	1	1		1										X									24020001-013
14	G119	WT	G				5	2	1	1		1										X									24020001-014
15	G120	WT	G				6	2	1	2		1									X	X									24020001-015
16	G121	WT	G				5	2	1	1		1										X									24020001-016

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
COF-24Q1 Rev 1	J. Colp	2-21	1635	[signature]	2/21	1635	10.3	Y	N	Y
							GC5			

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Justin Colp

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 2-21-24

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

70719/46900
NR
2/21

24020001

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-Coffeen	Report To:	Brian Voelker	Attention:	Jason Stuckey
Address:	134 CIPS Lane	Copy To:	Sam Davies-samantha.davies@vistracorp.com	Company Name:	Vistra Corp
	Coffeen, IL 62017		John Romang - John.Romang@vistracorp.com Scott Bell- Michael.Bell@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 WW; WATER P; PRODUCT SL; SOIL/SOLID OL; WP; OL AR; WPE OT; AR TS; OTHER TISSUE

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	COF-257-101	COF-257-102	COF-257-103	COF-257-104	COF-257-105	COF-811-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104	COF-WPCP-102	COF-WPCP-103-104	COF-WPCP-106		Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	G122	WT	G				5	2	1	1		1										X									24020001-017
2	G123	WT	G				5	2	1	1		1										X									24020001-018
3	G124	WT	G				5	2	1	1		1										X									24020001-019
4	G125	WT	G				6	2	1	2		1									X	X									24020001-020
5	G126	WT	G				5	2	1	1		1										X									24020001-021
6	G151	WT	G				4	2		1		1																X			24020001-022
7	G152	WT	G				4	2		1		1																X			24020001-023
8	G153	WT	G				4	2		1		1																X			24020001-024
9	G154	WT	G				5	2		2		1														X		X			24020001-025
10	G155	WT	G				4	2		1		1																X			24020001-026
11	G200	WT	G	2-21-24	0903		6	2	1	2		1							X		X				X			X			24020001-027
12	G206	WT	G				6	2	1	2		1							X						X			X			24020001-028
13	G206D	WT	G				2	1		1									X						X						24020001-029
14	G207	WT	G				6	2	1	2		1																X			24020001-030
15	G208	WT	G				6	2	1	2		1																X			24020001-031
16	G209	WT	G				6	2	1	2		1							X						X			X			24020001-032

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS	Y	N	
COF-24Q1 Rev 1	J Colp	2-21	1635	Kristi Reed	2/21	1635				
							Temp in °C			
							Received on Ice (Y/N)			
							Custody Sealed Cooler (Y/N)			
							Samples Intact (Y/N)			

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Justin Colp

SIGNATURE of SAMPLER: Justin Colp DATE Signed (MM/DD/YY): 2-21-24

24020001

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-Coffeen
Address:	134 CIPS Lane
	Coffeen, IL 62017
Email To:	Brian.Voelker@VistraCorp.com
Phone: (217) 753-8911	Fax:
Requested Due Date/TAT:	10 day

Section B Required Project Information:

Report To:	Brian Voelker
Copy To:	Sam Davies-samantha.davies@vistracorp.com
	John Romang - John.Romang@vistracorp.com Scott Bell- Michael.Bell@vistracorp.com
Purchase Order No.:	
Project Name:	
Project Number:	2285

Section C Invoice Information:

Attention:	Jason Stuckey
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), 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)	COF-257-101	COF-257-102	COF-257-103	COF-257-104	COF-257-105	COF-811-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104	COF-WPCP-102	COF-WPCP-103-104	COF-WPCP-106	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	G276	WT	G				5	2	1	1		1								X						X		X			24020001-049
2	G277	WT	G				5	2	1	1		1								X						X		X			24020001-050
3	G278	WT	G				5	2	1	1		1																X			24020001-051
4	G279	WT	G				5	2	1	1		1								X						X	X	X			24020001-052
5	G280	WT	G				5	2	1	1		1						X		X				X		X	X	X			24020001-053
6	G281	WT	G				4	1		2		1					X	X					X	X			X				24020001-054
7	G283	WT	G	2-21-24	1008		2	1		1										X						X					24020001-055
8	G284	WT	G				2	1		1										X						X					24020001-056
9	G285	WT	G				2	1		1										X						X					24020001-057
10	G301	WT	G				2	1		1							X						X								24020001-058
11	G302	WT	G				2	1		1							X						X								24020001-059
12	G303	WT	G				2	1		1							X						X								24020001-060
13	G305	WT	G				2	1		1							X						X								24020001-061
14	G306	WT	G				2	1		1							X						X								24020001-062
15	G307	WT	G				2	1		1							X						X								24020001-063
16	G307D	WT	G				2	1		1							X						X								24020001-064

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
COF-24Q1 Rev 1	J. Colp	2-21	1635		2/21	1635		Y	N	

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Justin Colp

SIGNATURE of SAMPLER: DATE Signed (MM/DD/YY): 2-21-24

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

24020001

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-Coffeen	Report To: Brian Voelker	Attention: Jason Stuckey
Address: 134 CIPS Lane	Copy To: Sam Davies-samantha.davies@vistracorp.com	Company Name: Vistra Corp
Coffeen, IL 62017	John Romang - John.Romang@vistracorp.com Scott Bell- Michael.Bell@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 WW; WATER PRODUCT P; SOIL/SOLID SL; OIL OL; WIPE WP; AIR AR; OTHER OT; TISSUE TS

ITEM #	Section D Required Client Information: SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Y/N	Analysis Test ↓ COF-257-101	COF-257-102	COF-257-103	COF-257-104	COF-257-105	COF-811-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104	COF-WPCP-102	COF-WPCP-103-104	COF-WPCP-106		Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	G308	WT	G				2	1		1							X						X								24020001-065
2	G310	WT	G				2	1		1							X						X								24020001-066
3	G312	WT	G				2	1		1							X						X								24020001-067
4	G313	WT	G				2	1		1							X						X								24020001-068
5	G314	WT	G				2	1		1							X						X								24020001-069
6	G314D	WT	G				2	1		1							X						X								24020001-070
7	G315	WT	G				2	1		1							X						X								24020001-071
8	G316	WT	G				2	1		1							X						X								24020001-072
9	G401 * O	WT	G	2-21-24	1246		4	1		2		1						X						X			X					24020001-073
10	G402 * O	WT	G	2-21-24	1344		4	1		2		1						X						X			X					24020001-074
11	G403	WT	G	2-21-24	1143		4	1		2		1						X						X			X					24020001-075
12	G404	WT	G	2-21-24	1037		4	1		2		1						X						X			X					24020001-076
13	G405 *	WT	G	2-21-24	1109		4	1		2		1						X						X			X					24020001-077
14	G406 *	WT	G	2-21-24	1211		4	1		2		1						X						X			X					24020001-078
15	G407	WT	G				4	1		2		1						X						X			X					24020001-079
16	G410	WT	G				4	1		2		1															X					24020001-080

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
COF-24Q1 Rev 1	J. Colp	2-21	1635	Nick Reed	2/21	1635	

SAMPLER NAME AND SIGNATURE		Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER:	Justin Colp		Y	N	
SIGNATURE of SAMPLER:	DATE Signed (MM/DD/YY): 2-21-24				

24020001

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-Coffeen	Report To:	Brian Voelker	Attention:	Jason Stuckey
Address:	134 CIPS Lane	Copy To:	Sam Davies-samantha.davies@vistracorp.com	Company Name:	Vistra Corp
	Coffeen, IL 62017		John Romang - John.Romang@vistracorp.com Scott Bell- Michael.Bell@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: MATRIX — DRINKING WATER DW; WATER WT; WASTE WW; WATER P; PRODUCT SL; SOIL/SOLID OL; OIL WP; WPE AR; AR OT; OTHER TS; TISSUE

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	COF-257-101	COF-257-102	COF-257-103	COF-257-104	COF-257-105	COF-811-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104	COF-WPCP-102	COF-WPCP-103-104	COF-WPCP-106	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	G411	WT	G				4	1		2		1														X				24020001-081
2	L201	WT	G				2	1		1											X									24020001-082
3	L202	WT	G				2	1		1											X									24020001-083
4	L203	WT	G				2	1		1											X									24020001-084
5	NE Riser *	WT	G	2-21-24	1425		2	1		1									X					X						24020001-085
6	R104	WT	G				7	2	2	2		1										X					X				24020001-086
7	R201	WT	G				6	2	1	2		1							X		X			X			X				24020001-087
8	R205	WT	G				6	2	1	2		1															X				24020001-088
9	SG-02	WT	G				0										X	X					X	X							24020001-089
10	SG-03	WT	G				0										X	X					X	X							24020001-090
11	T127	WT	G				6	2	1	2		1									X	X									24020001-091
12	T128	WT	G				5	2	1	1		1										X									24020001-092
13	X201	WT	G				2	1		1																X					24020001-093
14	XPW01	WT	G				2	1		1							X						X								24020001-094
15	XPW02	WT	G				2	1		1							X						X								24020001-095
16	XSG-01	WT	G				0										X						X								24020001-096

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS	Y	Z	
COF-24Q1 Rev 1	J. Colp	2-21	1635	Mark Read	2/21	1635				
							Temp in °C	Received on ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Justin Colp

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 2-21-24

24020001

CHAIN-OF-CUSTODY / Analytical Request Document

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Page: 7 of 7

Section A Required Client Information:	Section B Required Project Information:	Section C Invoice Information:
Company: Vistra Corp-Coffeen	Report To: Brian Voelker	Attention: Jason Stuckey
Address: 134 CIPS Lane	Copy To: Sam Davies-samantha.davies@vistracorp.com	Company Name: Vistra Corp
Coffeen, IL 62017	John Romang - John.Romang@vistracorp.com Scott Bell- Michael.Bell@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 WW; WATER P; PRODUCT SL; SOIL/SOLID OL; WP; OIL AR; OT; WIPE TS; AIR; OTHER; TISSUE

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: COF-257-101	COF-257-102	COF-257-103	COF-257-104	COF-257-105	COF-811-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104	COF-WPCP-102	COF-WPCP-103-104	COF-WPCP-106	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	Field Blank	WT	G	2-21-24	1503		7	2	2	2		1					X	X	X	X	X	X	X	X	X	X	X	X	X		24020001-097
2	G102 Duplicate	WT	G				7	2	2	2		1									X	X						X			24020001-098
3	G200 Duplicate	WT	G	2-21-24	0903		6	2	1	2		1							X		X				X			X			24020001-099
4	G273 Duplicate	WT	G				6	2	1	2		1								X						X		X			24020001-100
5	G301 Duplicate	WT	G				2	1		1							X						X								24020001-101
6	R201 Duplicate	WT	G				6	2	1	2		1							X		X				X			X			24020001-102
7	Equipment Blank 1	WT	G	2-21-24	1458		7	2	2	2		1					X	X	X	X	X	X	X	X	X	X	X	X	X		24020001-103
8	Equipment Blank 2	WT	G				7	2	2	2		1					X	X	X	X	X	X	X	X	X	X	X	X	X		24020001-104
9	Equipment Blank 3	WT	G				7	2	2	2		1					X	X	X	X	X	X	X	X	X	X	X	X	X		24020001-105
10																															
11																															
12																															
13																															
14																															
15																															
16																															

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
COF-24Q1 Rev 1	J Colp	2-21	1635	Mark Reed	2/21	1635

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

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Justin Colp

SIGNATURE of SAMPLER: Justin Colp DATE Signed (MM/DD/YY): 2-21-24

24020001

CHAIN-OF-CUSTODY / Analytical Request Document

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Page: 6 of 7

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Address: 134 CIPS Lane	Copy To: Sam Davies-samantha.davies@vistracorp.com	Company Name: Vistra Corp
Coffeen, IL 62017	John Romang - John.Romang@vistracorp.com Scott Bell- Michael.Bell@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; WT; WATER WW; WASTE P; WATER PRODUCT SL; SOIL/SOLID OL; WP; OIL AR; WIPE OT; AIR TS; OTHER TISSUE

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	COF-257-101	COF-257-102	COF-257-103	COF-257-104	COF-257-105	COF-811-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104	COF-WPCP-102	COF-WPCP-103-104	COF-WPCP-106		Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	G411	WT	G				4	1		2		1														X					24020001-081
2	L201	WT	G	2-22-24	0956		2	1		1											X									24020001-082
3	L202	WT	G	2-22-24	0950		2	1		1											X									24020001-083
4	L203	WT	G	2-22-24	1004		2	1		1											X									24020001-084
5	NE Riser	WT	G				2	1		1									X						X						24020001-085
6	R104	WT	G				7	2	2	2		1										X					X				24020001-086
7	R201	WT	G				6	2	1	2		1							X		X				X		X				24020001-087
8	R205	WT	G				6	2	1	2		1															X				24020001-088
9	SG-02	WT	G				0										X	X					X	X							24020001-089
10	SG-03	WT	G				0										X	X					X	X							24020001-090
11	T127	WT	G				6	2	1	2		1									X	X									24020001-091
12	T128	WT	G				5	2	1	1		1										X									24020001-092
13	X201	WT	G				2	1		1															X						24020001-093
14	XPW01	WT	G				2	1		1							X						X								24020001-094
15	XPW02	WT	G				2	1		1							X						X								24020001-095
16	XSG-01	WT	G				0										X						X								24020001-096

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
COF-24Q1 Rev 1	J. Colp	2-22	1300		2/22/24	1300		Y	N	

2 pumps HNO3(96331) added to L202 & ~~200~~ 203 PM 90719 TEDS DS 3/22

ice 15.4 LTG 7

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Justin Colp

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 2-22-24 1220

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

DS 3/22

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

June 17, 2024

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

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

RE: COF-24Q2 **WorkOrder:** 24041541

Dear Eric Bauer:

TEKLAB, INC received 3 samples for COF_257_105 on 5/8/2024 1:48:00 PM for the analysis presented in the following report.

Samples are analyzed on an as received basis unless otherwise requested and documented. The sample results contained in this report relate only to the requested analytes of interest as directed on the chain of custody. NELAP accredited fields of testing are indicated by the letters NELAP under the Certification column. Unless otherwise documented within this report,Teklab Inc. analyzes samples utilizing the most current methods in compliance with 40CFR. All tests are performed in the Collinsville, IL laboratory unless otherwise noted in the Case Narrative.

All quality control criteria applicable to the test methods employed for this project have been satisfactorily met and are in accordance with NELAP except where noted. The following report shall not be reproduced, except in full, without the written approval of Teklab, Inc.

If you have any questions regarding these tests results, please feel free to call.

Sincerely,

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

Teklab, Inc.
Environmental Laboratory

Report Contents

Client: Ramboll
Work Order: 24041541
Client Project: COF-24Q2
Report Date: 17-Jun-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	38
Chain of Custody	Appended

Definitions

Client: Ramboll **Work Order:** 24041541

Client Project: COF-24Q2 **Report Date:** 17-Jun-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)

Teklab, Inc.
Environmental Laboratory

Definitions

Client: Ramboll
Work Order: 24041541
Client Project: COF-24Q2
Report Date: 17-Jun-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: 24041541
Client Project: COF-24Q2
Report Date: 17-Jun-24

Cooler Receipt Temp: 1.7 °C

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

Field Blank, and Equipment Blank 1 collection times per field files. Equipment Blanks 2 and 3 were not needed. EAH 5/9/24

Per Eric Bauer's request, only COF_257_105 data is included in this report. EAH 6/17/24

Locations

Collinsville

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

Springfield

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

Kansas City

Address 8421 Nieman Road
Lenexa, KS 66214
Phone (913) 541-1998
Fax (913) 541-1998
Email jhriley@teklabinc.com

Collinsville Air

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

Chicago

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

Accreditations

Client: Ramboll **Work Order:** 24041541

Client Project: COF-24Q2 **Report Date:** 17-Jun-24

State	Dept	Cert #	NELAP	Exp Date	Lab
Illinois	IEPA	100226	NELAP	1/31/2025	Collinsville
Illinois	IEPA	1004652024-2	NELAP	4/30/2025	Collinsville
Kansas	KDHE	E-10374	NELAP	4/30/2025	Collinsville
Louisiana	LDEQ	05002	NELAP	6/30/2024	Collinsville
Louisiana	LDEQ	05003	NELAP	6/30/2024	Collinsville
Oklahoma	ODEQ	9978	NELAP	8/31/2024	Collinsville
Arkansas	ADEQ	88-0966		3/14/2025	Collinsville
Illinois	IDPH	17584		5/31/2025	Collinsville
Iowa	IDNR	430		6/1/2026	Collinsville
Kentucky	UST	0073		1/31/2025	Collinsville
Mississippi	MSDH			4/30/2025	Collinsville
Missouri	MDNR	930		1/31/2025	Collinsville
Missouri	MDNR	00930		10/31/2026	Collinsville

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24041541

Client Project: COF-24Q2 **Report Date:** 17-Jun-24

Lab ID: 24041541-089 **Client Sample ID:** T127

Matrix: GROUNDWATER **Collection Date:** 05/06/2024 15:06

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**13.81**	ft	1	05/06/2024 15:06	R347020
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**25**	NTU	1	05/06/2024 15:06	R347020
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		**48**	mV	1	05/06/2024 15:06	R347020
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**716**	µS/cm	1	05/06/2024 15:06	R347020
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**14.8**	°C	1	05/06/2024 15:06	R347020
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**2.01**	mg/L	1	05/06/2024 15:06	R347020
SW-846 9040B FIELD									
pH	*	0	1.00		**6.98**		1	05/06/2024 15:06	R347020
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**0.51**	mg/L	1	05/16/2024 16:55	R347401

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24041541

Client Project: COF-24Q2 **Report Date:** 17-Jun-24

Lab ID: 24041541-095 **Client Sample ID:** Field Blank

Matrix: AQUEOUS **Collection Date:** 05/08/2024 11:21

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**< 0.10**	mg/L	1	05/14/2024 14:38	R347245

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24041541

Client Project: COF-24Q2 **Report Date:** 17-Jun-24

Lab ID: 24041541-101 **Client Sample ID:** Equipment Blank 1

Matrix: AQUEOUS **Collection Date:** 05/08/2024 11:35

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**< 0.10**	mg/L	1	05/14/2024 15:11	R347245

Teklab, Inc.
Environmental Laboratory

Sample Summary

Client: Ramboll
Client Project: COF-24Q2

Work Order: 24041541
Report Date: 17-Jun-24

Lab Sample ID	Client Sample ID	Matrix	Fractions	Collection Date
24041541-089	T127	Groundwater	12	05/06/2024 15:06
24041541-095	Field Blank	Aqueous	17	05/08/2024 11:21
24041541-101	Equipment Blank 1	Aqueous	17	05/08/2024 11:35

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll
Work Order: 24041541
Client Project: COF-24Q2
Report Date: 17-Jun-24

STANDARD METHODS 2510 B FIELD

Batch R347020 **SampType:** LCS Units **µS/cm**
SampID: LCS-1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Spec. Conductance, Field	*	0		**1410**	1412	0	100.1	90	110	04/29/2024

Batch R347020 **SampType:** LCS Units **µS/cm**
SampID: LCS-1.15

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Spec. Conductance, Field	*	0		**1410**	1412	0	100.0	90	110	04/30/2024

Batch R347020 **SampType:** LCS Units **µS/cm**
SampID: LCS-1.8

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Spec. Conductance, Field	*	0		**1420**	1412	0	100.2	90	110	04/30/2024

Batch R347020 **SampType:** LCS Units **µS/cm**
SampID: LCS-2

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Spec. Conductance, Field	*	0		**1410**	1412	0	99.9	90	110	04/30/2024

Batch R347020 **SampType:** LCS Units **µS/cm**
SampID: LCS-2.16

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	05/01/2024

Batch R347020 **SampType:** LCS Units **µS/cm**
SampID: LCS-2.9

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	05/01/2024

Batch R347020 **SampType:** LCS Units **µS/cm**
SampID: LCS-3

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Spec. Conductance, Field	*	0		**1410**	1412	0	100.0	90	110	05/01/2024

Batch R347020 **SampType:** LCS Units **µS/cm**
SampID: LCS-3.10

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	05/02/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 24041541
Client Project: COF-24Q2
Report Date: 17-Jun-24

STANDARD METHODS 2510 B FIELD

Batch R347020 **SampType:** LCS Units **µS/cm**
SampID: LCS-3.17

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	05/02/2024

Batch R347020 **SampType:** LCS Units **µS/cm**
SampID: LCS-4

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Spec. Conductance, Field	*	0		**1410**	1412	0	100.1	90	110	05/02/2024

Batch R347020 **SampType:** LCS Units **µS/cm**
SampID: LCS-4.11

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	05/03/2024

Batch R347020 **SampType:** LCS Units **µS/cm**
SampID: LCS-4.18

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	05/03/2024

Batch R347020 **SampType:** LCS Units **µS/cm**
SampID: LCS-5

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Spec. Conductance, Field	*	0		**1410**	1412	0	99.9	90	110	05/03/2024

Batch R347020 **SampType:** LCS Units **µS/cm**
SampID: LCS-5.12

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	05/06/2024

Batch R347020 **SampType:** LCS Units **µS/cm**
SampID: LCS-5.19

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	05/06/2024

Batch R347020 **SampType:** LCS Units **µS/cm**
SampID: LCS-6

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Spec. Conductance, Field	*	0		**1410**	1412	0	100.0	90	110	05/06/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll **Work Order:** 24041541

Client Project: COF-24Q2 **Report Date:** 17-Jun-24

STANDARD METHODS 2510 B FIELD

Batch R347020 **SampType:** LCS Units **µS/cm**
SampID: LCS-6.13

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Spec. Conductance, Field	*	0		**1420**	1412	0	100.3	90	110	05/07/2024

Batch R347020 **SampType:** LCS Units **µS/cm**
SampID: LCS-6.20

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	05/07/2024

Batch R347020 **SampType:** LCS Units **µS/cm**
SampID: LCS-7

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	05/07/2024

Batch R347020 **SampType:** LCS Units **µS/cm**
SampID: LCS-7.14

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	05/08/2024

Batch R347020 **SampType:** LCS Units **µS/cm**
SampID: LCS-7.21

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	05/08/2024

SW-846 9040B FIELD

Batch R347020 **SampType:** LCS Units
SampID: LCS-1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
pH	*	1.00		**7.01**	7.000	0	100.1	98.57	101.4	04/29/2024

Batch R347020 **SampType:** LCS Units
SampID: LCS-1.15

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
pH	*	1.00		**7.00**	7.000	0	100.0	98.57	101.4	04/30/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll
Work Order: 24041541
Client Project: COF-24Q2
Report Date: 17-Jun-24

SW-846 9040B FIELD

Batch R347020 **SampType:** LCS Units
SampID: LCS-1.8

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	04/30/2024

Batch R347020 **SampType:** LCS Units
SampID: LCS-2

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
pH	*	1.00		**7.01**	7.000	0	100.1	98.57	101.4	04/30/2024

Batch R347020 **SampType:** LCS Units
SampID: LCS-2.16

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	05/01/2024

Batch R347020 **SampType:** LCS Units
SampID: LCS-2.9

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	05/01/2024

Batch R347020 **SampType:** LCS Units
SampID: LCS-3

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
pH	*	1.00		**7.10**	7.000	0	101.4	98.57	101.4	05/01/2024

Batch R347020 **SampType:** LCS Units
SampID: LCS-3.10

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	05/02/2024

Batch R347020 **SampType:** LCS Units
SampID: LCS-3.17

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	05/02/2024

Batch R347020 **SampType:** LCS Units
SampID: LCS-4

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
pH	*	1.00		**7.06**	7.000	0	100.9	98.57	101.4	05/02/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24041541

Client Project: COF-24Q2 **Report Date:** 17-Jun-24

SW-846 9040B FIELD

Batch R347020 **SampType:** LCS Units
SampID: LCS-4.11

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	05/03/2024

Batch R347020 **SampType:** LCS Units
SampID: LCS-4.18

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	05/03/2024

Batch R347020 **SampType:** LCS Units
SampID: LCS-5

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
pH	*	1.00		**7.01**	7.000	0	100.1	98.57	101.4	05/03/2024

Batch R347020 **SampType:** LCS Units
SampID: LCS-5.12

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	05/06/2024

Batch R347020 **SampType:** LCS Units
SampID: LCS-5.19

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	05/06/2024

Batch R347020 **SampType:** LCS Units
SampID: LCS-6

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
pH	*	1.00		**7.07**	7.000	0	101.0	98.57	101.4	05/06/2024

Batch R347020 **SampType:** LCS Units
SampID: LCS-6.13

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	05/07/2024

Batch R347020 **SampType:** LCS Units
SampID: LCS-6.20

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	05/07/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 24041541
Client Project: COF-24Q2
Report Date: 17-Jun-24

SW-846 9040B FIELD

Batch R347020 **SampType:** LCS Units
SampID: LCS-7

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
pH	*	1.00		**7.05**	7.000	0	100.7	98.57	101.4	05/07/2024

Batch R347020 **SampType:** LCS Units
SampID: LCS-7.14

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	05/08/2024

Batch R347020 **SampType:** LCS Units
SampID: LCS-7.21

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	05/08/2024

STANDARD METHODS 2540 C (TOTAL) 1997, 2011

Batch R346581 **SampType:** MBLK Units **mg/L**
SampID: MBLK

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Total Dissolved Solids		20		**< 20**	16.00	0	0	-100	100	04/30/2024
Total Dissolved Solids		20		**< 20**	16.00	0	0	-100	100	04/30/2024

Batch R346581 **SampType:** LCS Units **mg/L**
SampID: LCS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Total Dissolved Solids		20		**940**	1000	0	94.0	90	110	04/30/2024
Total Dissolved Solids		20		**952**	1000	0	95.2	90	110	04/30/2024

Batch R346581 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 24042262-006FDUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		20		**600**				582.0	3.05	04/30/2024

Batch R346728 **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	05/02/2024
Total Dissolved Solids		20		**< 20**	16.00	0	0	-100	100	05/02/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 24041541
Client Project: COF-24Q2
Report Date: 17-Jun-24

STANDARD METHODS 2540 C (TOTAL) 1997, 2011

Batch R346728 **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	05/02/2024
Total Dissolved Solids		20		**958**	1000	0	95.8	90	110	05/02/2024

Batch R346728 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 24042406-002ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		50	H	**2160**				2200	1.83	05/02/2024

Batch R346728 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 24050057-003ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		50		**565**				515.0	9.26	05/02/2024

Batch R346728 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 24050143-001ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		50		**2980**				3120	4.42	05/02/2024

Batch R346753 **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	05/03/2024
Total Dissolved Solids		20		**< 20**	16.00	0	0	-100	100	05/03/2024

Batch R346753 **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		**982**	1000	0	98.2	90	110	05/03/2024
Total Dissolved Solids		20		**960**	1000	0	96.0	90	110	05/03/2024

Batch R346753 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 24041541-031ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		20		**332**				314.0	5.57	05/03/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 24041541
Client Project: COF-24Q2
Report Date: 17-Jun-24

STANDARD METHODS 2540 C (TOTAL) 1997, 2011

Batch R346753 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 24050139-001ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		20		**400**				406.0	1.49	05/03/2024

Batch R346758 **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	05/04/2024
Total Dissolved Solids		20		**< 20**	16.00	0	0	-100	100	05/04/2024

Batch R346758 **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		**928**	1000	0	92.8	90	110	05/04/2024
Total Dissolved Solids		20		**974**	1000	0	97.4	90	110	05/04/2024

Batch R346758 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 24041541-021EDUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		20		**494**				474.0	4.13	05/04/2024

Batch R346758 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 24050228-001BDUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		20		**1440**				1372	5.11	05/04/2024

Batch R347018 **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	05/08/2024
Total Dissolved Solids		20		**< 20**	16.00	0	0	-100	100	05/08/2024

Batch R347018 **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	05/08/2024
Total Dissolved Solids		20		**994**	1000	0	99.4	90	110	05/08/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll
Work Order: 24041541
Client Project: COF-24Q2
Report Date: 17-Jun-24

STANDARD METHODS 2540 C (TOTAL) 1997, 2011

Batch R347018 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 24050482-001ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		20		**128**				134.0	4.58	05/08/2024

Batch R347018 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 24050590-001ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		200		**30100**				30420	1.12	05/08/2024

Batch R347018 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 24050591-001ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		50		**1900**				1805	4.86	05/08/2024

Batch R347190 **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	05/10/2024
Total Dissolved Solids		20		**< 20**	16.00	0	0	-100	100	05/10/2024

Batch R347190 **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		**946**	1000	0	94.6	90	110	05/10/2024
Total Dissolved Solids		20		**912**	1000	0	91.2	90	110	05/10/2024

Batch R347190 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 24041541-075ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		20		**458**				458.0	0.00	05/10/2024

Batch R347190 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 24050891-001ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		50		**455**				470.0	3.24	05/10/2024

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http://www.teklabinc.com/

Client: Ramboll
Work Order: 24041541
Client Project: COF-24Q2
Report Date: 17-Jun-24

STANDARD METHODS 2540 C (TOTAL) 1997, 2011

Batch R347304 **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	05/14/2024
Total Dissolved Solids		20		**< 20**	16.00	0	0	-100	100	05/14/2024
Total Dissolved Solids		20		**< 20**	16.00	0	0	-100	100	05/14/2024
Total Dissolved Solids		20		**< 20**	16.00	0	0	-100	100	05/14/2024

Batch R347304 **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		**922**	1000	0	92.2	90	110	05/14/2024
Total Dissolved Solids		20		**930**	1000	0	93.0	90	110	05/14/2024
Total Dissolved Solids		20		**962**	1000	0	96.2	90	110	05/14/2024
Total Dissolved Solids		20		**978**	1000	0	97.8	90	110	05/14/2024

Batch R347304 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 24050819-003BDUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		50		**380**				385.0	1.31	05/14/2024

Batch R347304 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 24050906-002ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		50		**595**				560.0	6.06	05/14/2024

Batch R347304 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 24050906-014ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		20		**538**				572.0	6.13	05/14/2024

Batch R347304 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 24050975-002BDUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		50		**760**				705.0	7.51	05/14/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

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Client: Ramboll **Work Order:** 24041541

Client Project: COF-24Q2 **Report Date:** 17-Jun-24

STANDARD METHODS 2540 C (TOTAL) 1997, 2011

Batch R347304 **SampType:** DUP Units **mg/L** RPD Limit **10**

SampID: 24051090-001ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		100		**680**				670.0	1.48	05/14/2024

STANDARD METHODS 2540 D 1997, 2011

Batch R347107 **SampType:** MBLK Units **mg/L**

SampID: MBLK

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Total Suspended Solids		6		**< 6**	4.000	0	0	-100	100	05/10/2024
Total Suspended Solids	*	0.5		**< 0.5**	0.3000	0	0	-100	100	05/10/2024
Total Suspended Solids		6		**< 6**	4.000	0	0	-100	100	05/10/2024
Total Suspended Solids		6		**< 6**	4.000	0	0	-100	100	05/10/2024
Total Suspended Solids		6		**< 6**	4.000	0	0	-100	100	05/10/2024

Batch R347107 **SampType:** LCS Units **mg/L**

SampID: LCS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Total Suspended Solids		6		**108**	100.0	0	108.0	85	115	05/10/2024
Total Suspended Solids		6		**106**	100.0	0	106.0	85	115	05/10/2024
Total Suspended Solids		6		**96**	100.0	0	96.0	85	115	05/10/2024
Total Suspended Solids		6		**108**	100.0	0	108.0	85	115	05/10/2024
Total Suspended Solids		6		**107**	100.0	0	107.0	85	115	05/10/2024

Batch R347107 **SampType:** DUP Units **mg/L** RPD Limit **5**

SampID: 24041541-082EDUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Suspended Solids		6		**< 6**				0	0.00	05/10/2024

Batch R347107 **SampType:** DUP Units **mg/L** RPD Limit **5**

SampID: 24050602-006ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Suspended Solids		6	R	**16**				15.00	6.45	05/10/2024

Batch R347107 **SampType:** DUP Units **mg/L** RPD Limit **5**

SampID: 24050625-002ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Suspended Solids		6	J	**5**				0	0.00	05/10/2024

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Client: Ramboll
Work Order: 24041541
Client Project: COF-24Q2
Report Date: 17-Jun-24

STANDARD METHODS 2540 D 1997, 2011

Batch R347107 **SampType:** DUP Units **mg/L** RPD Limit **5**
SampID: 24050717-002ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Suspended Solids		6	R	**15**				13.00	14.29	05/10/2024

Batch R347107 **SampType:** DUP Units **mg/L** RPD Limit **5**
SampID: 24050735-003ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Suspended Solids		6		**7**				7.000	0.00	05/10/2024

Batch R347107 **SampType:** DUP Units **mg/L** RPD Limit **5**
SampID: 24050763-002ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Suspended Solids		6		**< 6**				0	0.00	05/10/2024

Batch R347107 **SampType:** DUP Units **mg/L** RPD Limit **5**
SampID: 24050774-001ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Suspended Solids		6	J	**4**				0	0.00	05/10/2024
Total Suspended Solids	*	1.4	R	**4.0**				4.400	8.28	05/10/2024

Batch R347107 **SampType:** DUP Units **mg/L** RPD Limit **5**
SampID: 24050834-001ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Suspended Solids		6		**28**				28.00	0.00	05/10/2024

Batch R347107 **SampType:** DUP Units **mg/L** RPD Limit **5**
SampID: 24050872-001ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Suspended Solids		6		**< 6**				5.000	0.00	05/10/2024

STANDARD METHODS 5210 B 2001, 2011

Batch 222730 **SampType:** LCS Units **mg/L**
SampID: LCS-BOD-1-050924

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Biochemical Oxygen Demand		100		**198**	198.0	0	100.0	84.6	115.4	05/09/2024

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Client: Ramboll
Work Order: 24041541
Client Project: COF-24Q2
Report Date: 17-Jun-24

STANDARD METHODS 5210 B 2001, 2011

Batch 222730 **SampType:** DUP Units **mg/L** RPD Limit **40**
SampID: 24050756-003ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Biochemical Oxygen Demand		50		**585**				615.0	5.00	05/09/2024

Batch 222730 **SampType:** DUP Units **mg/L** RPD Limit **40**
SampID: 24050794-002ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Biochemical Oxygen Demand		10		**46**				47.00	2.15	05/09/2024

STANDARD METHODS 5220 D (TOTAL) 1997

Batch R347025 **SampType:** MBLK Units **mg/L**
SampID: MBLK

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chemical Oxygen Demand		50		**< 50**	17.00	0	0	-100	100	05/09/2024

Batch R347025 **SampType:** LCS Units **mg/L**
SampID: LCS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chemical Oxygen Demand		50		**111**	112.0	0	99.2	90	110	05/09/2024

Batch R347025 **SampType:** MS Units **mg/L**
SampID: 24041541-082KMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chemical Oxygen Demand		100		**1200**	1000	253.2	94.4	85	115	05/09/2024

Batch R347025 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24041541-082KMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chemical Oxygen Demand		100		**1160**	1000	253.2	90.5	1198	3.34	05/09/2024

Batch R347025 **SampType:** MS Units **mg/L**
SampID: 24050715-001CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chemical Oxygen Demand		100		**1830**	1000	808.7	101.9	90	110	05/09/2024

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Environmental Laboratory

Quality Control Results

Client: Ramboll
Work Order: 24041541
Client Project: COF-24Q2
Report Date: 17-Jun-24

STANDARD METHODS 5220 D (TOTAL) 1997

Batch R347025 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24050715-001CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chemical Oxygen Demand		100		**1810**	1000	808.7	100.6	1827	0.72	05/09/2024

Batch R347025 **SampType:** MS Units **mg/L**
SampID: 24050740-001BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chemical Oxygen Demand		100		**1210**	1000	141.7	106.5	90	110	05/09/2024

Batch R347025 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24050740-001BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chemical Oxygen Demand		100		**1200**	1000	141.7	106.0	1206	0.36	05/09/2024

Batch R347103 **SampType:** MBLK Units **mg/L**
SampID: MBLK

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chemical Oxygen Demand		50		**< 50**	17.00	0	0	-100	100	05/10/2024

Batch R347103 **SampType:** LCS Units **mg/L**
SampID: LCS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chemical Oxygen Demand		50		**115**	112.0	0	103.1	90	110	05/10/2024

Batch R347103 **SampType:** MS Units **mg/L**
SampID: 24050834-001DMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chemical Oxygen Demand		100		**1020**	1000	0	101.8	90	110	05/10/2024

Batch R347103 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24050834-001DMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chemical Oxygen Demand		100		**1020**	1000	0	102.3	1018	0.43	05/10/2024

Batch R347103 **SampType:** MS Units **mg/L**
SampID: 24050900-001CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chemical Oxygen Demand		100		**1280**	1000	200.7	107.6	90	110	05/10/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

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Client: Ramboll **Work Order:** 24041541

Client Project: COF-24Q2 **Report Date:** 17-Jun-24

STANDARD METHODS 5220 D (TOTAL) 1997

Batch R347103 **SampType:** MSD Units **mg/L** RPD Limit **10**

SampID: 24050900-001CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chemical Oxygen Demand		100		**1220**	1000	200.7	101.9	1276	4.56	05/10/2024

SW-846 7196A

Batch R346973 **SampType:** MBLK Units **mg/L**

SampID: MBLK

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chromium, Hexavalent		0.0010		**< 0.0010**	0.0004	0	0	-100	100	05/08/2024

Batch R346973 **SampType:** LCS Units **mg/L**

SampID: LCS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chromium, Hexavalent		0.0010		**0.0539**	0.0500	0	107.8	90	110	05/08/2024

Batch R346973 **SampType:** MS Units **µg/L**

SampID: 24041541-082FMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chromium, Hexavalent		5.00		**255**	250.0	3.000	100.8	85	115	05/09/2024

Batch R346973 **SampType:** MS Units **µg/L**

SampID: 24041541-095FMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chromium, Hexavalent		1.00		**54.8**	50.00	0	109.6	85	115	05/08/2024

Batch R346973 **SampType:** MSD Units **µg/L** RPD Limit **10**

SampID: 24041541-095FMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chromium, Hexavalent		1.00		**51.7**	50.00	0	103.4	54.80	5.82	05/08/2024

Batch R346973 **SampType:** MS Units **µg/L**

SampID: 24041541-101FMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chromium, Hexavalent		1.00		**54.9**	50.00	0.6000	108.6	85	115	05/08/2024

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

Client: Ramboll
Work Order: 24041541
Client Project: COF-24Q2
Report Date: 17-Jun-24

SW-846 7196A

Batch R346973 **SampType:** MS Units **mg/L**
SampID: 24050605-002CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chromium, Hexavalent	*	0.0010		**0.0548**	0.0500	0.001500	106.6	85	115	05/08/2024

Batch R346973 **SampType:** MS Units **mg/L**
SampID: 24050663-002AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chromium, Hexavalent		0.0010		**0.0532**	0.0500	0	106.4	85	115	05/08/2024

SW-846 9214 (DISSOLVED)

Batch R346823 **SampType:** MS Units **mg/L**
SampID: 24050007-008FMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**2.41**	2.000	0.2910	105.8	75	125	05/07/2024

Batch R346823 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24050007-008FMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**2.31**	2.000	0.2910	101.0	2.408	4.07	05/07/2024

Batch R346966 **SampType:** MS Units **mg/L**
SampID: 24041541-015FMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**2.60**	2.000	0.4300	108.4	75	125	05/08/2024

Batch R346966 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24041541-015FMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**2.57**	2.000	0.4300	107.2	2.597	0.89	05/08/2024

Batch R347102 **SampType:** MS Units **mg/L**
SampID: 24050364-006FMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**2.28**	2.000	0.4910	89.3	75	125	05/10/2024

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Client: Ramboll
Work Order: 24041541
Client Project: COF-24Q2
Report Date: 17-Jun-24

SW-846 9214 (DISSOLVED)

Batch R347102 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24050364-006FMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**2.26**	2.000	0.4910	88.7	2.277	0.57	05/10/2024

Batch R347147 **SampType:** MS Units **mg/L**
SampID: 24041541-034BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**2.14**	2.000	0.3580	89.2	75	125	05/13/2024

Batch R347147 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24041541-034BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**1.86**	2.000	0.3580	75.2	2.142	13.99	05/13/2024

Batch R347245 **SampType:** MS Units **mg/L**
SampID: 24041541-017FMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**2.05**	2.000	0.2040	92.3	75	125	05/14/2024

Batch R347245 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24041541-017FMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**2.25**	2.000	0.2040	102.2	2.050	9.26	05/14/2024

Batch R347245 **SampType:** MS Units **mg/L**
SampID: 24041541-086BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**2.17**	2.000	0.3040	93.1	75	125	05/14/2024

Batch R347245 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24041541-086BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**2.33**	2.000	0.3040	101.2	2.166	7.25	05/14/2024

Batch R347245 **SampType:** MS Units **mg/L**
SampID: 24041541-097BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**2.09**	2.000	0.2960	89.9	75	125	05/14/2024

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Client: Ramboll **Work Order:** 24041541

Client Project: COF-24Q2 **Report Date:** 17-Jun-24

SW-846 9214 (DISSOLVED)

Batch R347245 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24041541-097BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**2.19**	2.000	0.2960	94.7	2.094	4.48	05/14/2024

Batch R347401 **SampType:** MS Units **mg/L**
SampID: 24041541-025BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**2.90**	2.000	0.8760	101.0	75	125	05/16/2024

Batch R347401 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24041541-025BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**2.96**	2.000	0.8760	104.0	2.896	2.05	05/16/2024

Batch R347401 **SampType:** MS Units **mg/L**
SampID: 24050887-004CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**2.10**	2.000	0.1690	96.8	75	125	05/16/2024

Batch R347401 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24050887-004CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**2.18**	2.000	0.1690	100.4	2.104	3.41	05/16/2024

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Batch R346823 **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	05/06/2024

Batch R346823 **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	95.0	90	110	05/06/2024

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Batch R346823 **SampType:** MS Units **mg/L**
SampID: 24041541-033AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**2.37**	2.000	0.3940	98.9	75	125	05/06/2024

Batch R346823 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24041541-033AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**2.47**	2.000	0.3940	103.9	2.372	4.13	05/06/2024

Batch R346823 **SampType:** MS Units **mg/L**
SampID: 24041541-061AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**2.53**	2.000	0.4850	102.2	75	125	05/06/2024

Batch R346823 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24041541-061AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**2.62**	2.000	0.4850	106.6	2.528	3.42	05/06/2024

Batch R346823 **SampType:** MS Units **mg/L**
SampID: 24041541-081AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**2.60**	2.000	0.6420	98.0	75	125	05/06/2024

Batch R346823 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24041541-081AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**2.68**	2.000	0.6420	101.7	2.601	2.81	05/06/2024

Batch R346823 **SampType:** MS Units **mg/L**
SampID: 24042405-009AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10	H	**2.45**	2.000	0.4690	99.0	75	125	05/07/2024

Batch R346823 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24042405-009AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10	H	**2.44**	2.000	0.4690	98.4	2.449	0.45	05/07/2024

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Batch R346823 **SampType:** MS Units **mg/L**
SampID: 24050131-006AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10	H	**2.08**	2.000	0.08400	99.7	75	125	05/07/2024

Batch R346823 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24050131-006AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10	H	**2.18**	2.000	0.08400	104.7	2.078	4.70	05/07/2024

Batch R346966 **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	05/08/2024

Batch R346966 **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		**1.07**	1.000	0	106.7	90	110	05/08/2024

Batch R347102 **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	05/10/2024

Batch R347102 **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	99.3	90	110	05/10/2024

Batch R347102 **SampType:** MS Units **mg/L**
SampID: 24050273-003AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**1.90**	2.000	0.2030	85.0	75	125	05/10/2024

Batch R347102 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24050273-003AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**1.93**	2.000	0.2030	86.3	1.903	1.36	05/10/2024

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Batch R347102 **SampType:** MS Units **mg/L**
SampID: 24050273-006AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**1.67**	2.000	0	83.5	75	125	05/10/2024

Batch R347102 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24050273-006AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**1.54**	2.000	0	77.0	1.670	8.03	05/10/2024

Batch R347102 **SampType:** MS Units **mg/L**
SampID: 24050362-002AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**2.11**	2.000	0.2380	93.5	75	125	05/10/2024

Batch R347102 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24050362-002AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**2.15**	2.000	0.2380	95.5	2.108	1.88	05/10/2024

Batch R347102 **SampType:** DUP Units **mg/L** RPD Limit **15**
SampID: 24042193-001ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10	R	**0.16**				0	200.00	05/10/2024

Batch R347102 **SampType:** DUP Units **mg/L** RPD Limit **15**
SampID: 24042193-002ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10	J	**0.06**				0	0.00	05/10/2024

Batch R347102 **SampType:** DUP Units **mg/L** RPD Limit **15**
SampID: 24042194-006ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10	R	**0.23**				0	200.00	05/10/2024

Batch R347147 **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	05/13/2024

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Batch R347147 **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		**0.93**	1.000	0	93.2	90	110	05/13/2024

Batch R347147 **SampType:** MS Units **mg/L**
SampID: 24041541-042AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**2.11**	2.000	0.3630	87.6	75	125	05/13/2024

Batch R347147 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24041541-042AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**2.03**	2.000	0.3630	83.6	2.114	3.86	05/13/2024

Batch R347147 **SampType:** MS Units **mg/L**
SampID: 24041541-050AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**2.30**	2.000	0.3070	99.6	75	125	05/13/2024

Batch R347147 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24041541-050AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**2.04**	2.000	0.3070	86.4	2.299	12.18	05/13/2024

Batch R347147 **SampType:** MS Units **mg/L**
SampID: 24050482-002AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**2.05**	2.000	0.1210	96.3	75	125	05/13/2024

Batch R347147 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24050482-002AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**2.14**	2.000	0.1210	101.1	2.046	4.63	05/13/2024

Batch R347147 **SampType:** MS Units **mg/L**
SampID: 24050777-002CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**2.62**	2.000	0.4570	108.2	75	125	05/13/2024

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Batch R347147 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24050777-002CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**2.59**	2.000	0.4570	106.7	2.621	1.15	05/13/2024

Batch R347245 **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	05/14/2024

Batch R347245 **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	94.3	90	110	05/14/2024

Batch R347245 **SampType:** MS Units **mg/L**
SampID: 24041541-007EMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**2.14**	2.000	0.2960	92.2	75	125	05/14/2024

Batch R347245 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24041541-007EMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**2.31**	2.000	0.2960	100.9	2.140	7.81	05/14/2024

Batch R347245 **SampType:** MS Units **mg/L**
SampID: 24041541-063AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**2.09**	2.000	0.3540	86.9	75	125	05/14/2024

Batch R347245 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24041541-063AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**2.08**	2.000	0.3540	86.2	2.092	0.72	05/14/2024

Batch R347245 **SampType:** MS Units **mg/L**
SampID: 24041541-075AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**2.08**	2.000	0.2980	89.0	75	125	05/14/2024

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Batch R347245 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24041541-075AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**2.15**	2.000	0.2980	92.5	2.079	3.26	05/14/2024

Batch R347245 **SampType:** MS Units **mg/L**
SampID: 24041541-105AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**2.19**	2.000	0.3680	91.3	75	125	05/14/2024

Batch R347245 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24041541-105AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**2.10**	2.000	0.3680	86.6	2.194	4.38	05/14/2024

Batch R347245 **SampType:** MS Units **mg/L**
SampID: 24050590-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		1.00		**87.0**	20.00	66.59	101.9	75	125	05/14/2024

Batch R347245 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24050590-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		1.00		**89.0**	20.00	66.59	112.1	86.97	2.32	05/14/2024

Batch R347401 **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	05/16/2024

Batch R347401 **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	96.1	90	110	05/16/2024

Batch R347401 **SampType:** MS Units **mg/L**
SampID: 24050734-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**2.82**	2.000	0.6570	108.2	75	125	05/16/2024

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Batch R347401 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24050734-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**2.79**	2.000	0.6570	106.6	2.821	1.10	05/16/2024

Batch R347401 **SampType:** MS Units **mg/L**
SampID: 24050906-004AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**2.29**	2.000	0.1310	108.1	75	125	05/16/2024

Batch R347401 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24050906-004AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**2.22**	2.000	0.1310	104.4	2.293	3.28	05/16/2024

Batch R347401 **SampType:** MS Units **mg/L**
SampID: 24050906-011AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**2.09**	2.000	0.1160	98.6	75	125	05/16/2024

Batch R347401 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24050906-011AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**2.20**	2.000	0.1160	104.0	2.087	5.09	05/16/2024

Batch R347401 **SampType:** MS Units **mg/L**
SampID: 24050906-018AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**2.18**	2.000	0.1550	101.0	75	125	05/16/2024

Batch R347401 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24050906-018AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**2.10**	2.000	0.1550	97.3	2.175	3.46	05/16/2024

Batch R347401 **SampType:** MS Units **mg/L**
SampID: 24050906-027AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**2.15**	2.000	0.1480	100.2	75	125	05/16/2024

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Batch R347401 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24050906-027AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**2.20**	2.000	0.1480	102.6	2.151	2.30	05/16/2024

Batch R347401 **SampType:** MS Units **mg/L**
SampID: 24050906-035AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**2.11**	2.000	0.1490	98.0	75	125	05/16/2024

Batch R347401 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24050906-035AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**2.13**	2.000	0.1490	98.8	2.108	0.85	05/16/2024

Batch R347401 **SampType:** MS Units **mg/L**
SampID: 24050906-041AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**2.16**	2.000	0.2220	96.9	75	125	05/16/2024

Batch R347401 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24050906-041AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**2.17**	2.000	0.2220	97.4	2.160	0.46	05/16/2024

Batch R347401 **SampType:** MS Units **mg/L**
SampID: 24051000-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**3.46**	2.000	1.421	101.9	75	125	05/16/2024

Batch R347401 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24051000-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**3.63**	2.000	1.421	110.4	3.459	4.80	05/16/2024

Batch R347401 **SampType:** MS Units **mg/L**
SampID: 24051000-017AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**2.46**	2.000	0.4510	100.2	75	125	05/16/2024

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Batch **R347401** **SampType:** **MSD** Units **mg/L** RPD Limit **15**
SampID: 24051000-017AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**2.39**	2.000	0.4510	97.2	2.456	2.56	05/16/2024

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Receiving Check List

http://www.teklabinc.com/

Client: Ramboll
Work Order: 24041541
Client Project: COF-24Q2
Report Date: 17-Jun-24

Carrier: Payton Yoch
Received By: NR

Completed by: Nick Reed
On: 29-Apr-24

Reviewed by: Ellie Hopkins
On: 09-May-24

Pages to follow: Chain of custody 45 Extra pages included 0

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐	Temp °C 1.7
Type of thermal preservation?	None ☐	Ice ☑	Blue Ice ☐	Dry Ice ☐
Chain of custody present?	Yes ☑	No ☐		
Chain of custody signed when relinquished and received?	Yes ☑	No ☐		
Chain of custody agrees with sample labels?	Yes ☑	No ☐		
Samples in proper container/bottle?	Yes ☑	No ☐		
Sample containers intact?	Yes ☑	No ☐		
Sufficient sample volume for indicated test?	Yes ☑	No ☐		
All samples received within holding time?	Yes ☑	No ☐		
Reported field parameters measured:	Field ☐	Lab ☐	NA ☑	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐		
When thermal preservation is required, samples are compliant with a temperature between 0.1°C - 6.0°C, or when samples are received on ice the same day as collected.				
Water – at least one vial per sample has zero headspace?	Yes ☑	No ☐	No VOA vials ☐	
Water - TOX containers have zero headspace?	Yes ☐	No ☐	No TOX containers ☑	
Water - pH acceptable upon receipt?	Yes ☐	No ☑	NA ☐	
NPDES/CWA TCN interferences checked/treated in the field?	Yes ☐	No ☐	NA ☑	

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

pH strip #96651/89660. - pschultz - 4/30/2024 7:51:31 AM

Per Tracy Carroll, some G411 containers may be marked as G410, and some G410 containers may be marked as G411 (bagging error during bottle prep). - ehurley - 4/30/2024 9:29:57 AM

Samples were received on 4/30/24 at 16:30 on ice [19.3C - LTG#5]. - nickreed - 4/30/2024 5:47:16 PM

Added Sodium Hydroxide(95613) to sample G153. Added Nitric Acid(97528) to sample G314, G314D, & G316. Preservation checks for O&G analysis are to be completed by the laboratory technician prior to analysis. -pH strip #89960/96651. - nickreed - 4/30/2024 5:53:34 PM

Samples were received on 5/1/2024 at 16:31 on ice [12.1C - LTG#5]. - pschultz - 5/2/2024 8:39:06 AM

pH strip #96651/89660. - pschultz - 5/2/2024 8:39:45 AM

Additional Sodium Hydroxide (95443) preservative was needed for samples G122 and G272 upon arrival at the laboratory. - pschultz - 5/2/2024 8:39:49 AM

Samples were received on 5/2/24 at 16:15 on ice [16.1C - LTG#5]. Added Nitric Acid(97606) to sample G106 & G275D. Added Sodium Hydroxide(95443) to sample G401. Preservation checks for O&G analysis are to be completed by the laboratory technician prior to analysis. pH strip #96651/89660. - nickreed - 5/2/2024 6:50:49 PM

Samples were received on 5/3/24 at 1148 on ice [16.3C - LTG5]. pH strip #89660/96651. Preservation checks for O&G analysis are to be

Teklab, Inc.
Environmental Laboratory

Receiving Check List

Client: Ramboll
Work Order: 24041541
Client Project: COF-24Q2
Report Date: 17-Jun-24

completed by the laboratory technician prior to analysis. - amberdilallo - 5/3/2024 12:46:21 PM

Samples were received on 5/6/24 at 1642 on ice [12.9C - LTG5]. Additional Nitric Acid (97606) was needed upon arrival at the laboratory for G285 and G302. pH strip #89660/96651. - amberdilallo - 5/7/2024 8:24:08 AM

Samples were received on 5/7/2024 at 16:02 on ice [16.7C - LTG#7]. - pschultz - 5/7/2024 5:07:35 PM

pH strip #96651/89660. LH - pschultz - 5/7/2024 5:07:38 PM

Additional Nitric Acid (97606) preservative was needed for samples G1001 and G276 upon arrival at the laboratory. LH - pschultz - 5/7/2024 5:07:41 PM

Samples were received on 5/8/24 at 1348 on ice [6.9C - LTG5]. Additional Nitric Acid (97737) was needed upon arrival at the laboratory for L203 and Field Blank. pH strip #89660/96651. Preservation checks for O&G analysis are to be completed by the laboratory technician prior to analysis. - amberdilallo - 5/8/2024 4:27:38 PM

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-Coffeen	Report To:	Brian Voelker	Attention:	Jason Stuckey
Address:	134 CIPS Lane	Copy To:	Sam Davies-samantha.davies@vistracorp.com	Company Name:	Vistra Corp
	Coffeen, IL 62017		John Romang - John.Romang@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; WASTE P; WATER PRODUCT SL; SOIL/SOLID OL; WP; OIL AR; WPE OT; AIR TS; OTHER TISSUE

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)	COF-257-101	COF-257-102	COF-257-103	COF-257-104	COF-257-105	COF-811-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104	COF-WPCP-102	COF-WPCP-103-104	COF-WPCP-106	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	G308	WT	G				2	1		1							X						X								24041541-065
2	G310	WT	G				2	1		1							X						X								24041541-066
3	G312	WT	G				2	1		1							X						X								24041541-067
4	G313	WT	G				2	1		1							X						X								24041541-068
5	G314	WT	G				2	1		1							X						X								24041541-069
6	G314D	WT	G				2	1		1							X						X								24041541-070
7	G315	WT	G				2	1		1							X						X								24041541-071
8	G316	WT	G				2	1		1							X						X								24041541-072
9	G401	WT	G				4	1		2		1						X							X			X				24041541-073
10	G402	WT	G				4	1		2		1						X							X			X				24041541-074
11	G403	WT	G				4	1		2		1						X							X			X				24041541-075
12	G404	WT	G				4	1		2		1						X							X			X				24041541-076
13	G405	WT	G				4	1		2		1						X							X			X				24041541-077
14	G406	WT	G				4	1		2		1						X							X			X				24041541-078
15	G407	WT	G	4-29-24	1452		4	1		2		1						X							X			X				24041541-079
16	G410	WT	G				4	1		2		1																X				24041541-080

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
COF-24Q2 Rev 0		4/29/24	0500		4/29/24	1700	

PM: 96651/89660

SAMPLER NAME AND SIGNATURE			
PRINT Name of SAMPLER:	Justin Cole		
SIGNATURE of SAMPLER:		DATE Signed (MM/DD/YY):	4-29-24

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

CHAIN-OF-CUSTODY / Analytical Request Document

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Page: 6 of 7

Section A Required Client Information:

Company:	Vistra Corp-Coffeen
Address:	134 CIPS Lane
	Coffeen, IL 62017
Email To:	Brian.Voelker@VistraCorp.com
Phone: (217) 753-8911	Fax:
Requested Due Date/TAT:	10 day

Section B Required Project Information:

Report To:	Brian Voelker
Copy To:	Sam Davies-samantha.davies@vistracorp.com
	John Romang - John.Romang@vistracorp.com
Purchase Order No.:	
Project Name:	
Project Number:	2285

Section C Invoice Information:

Attention:	Jason Stuckey
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; TISSUE OT; OTHER 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	COF-257-101	COF-257-102	COF-257-103	COF-257-104	COF-257-105	COF-811-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104	COF-WPCP-102	COF-WPCP-103-104	COF-WPCP-106	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	G411	WT	G	4-24	1311		4	1		2		1															X				24041541-081
2	L203	WT	G				18	9	4	1	3	1												X								24041541-082
3	NE Riser	WT	G				0												X						X							24041541-083
4	R104	WT	G				15	6	3	2	3	1												X				X				24041541-084
5	R201	WT	G				6	2	1	2		1							X						X			X				24041541-085
6	R205	WT	G				6	2	1	2		1																X				24041541-086
7	SG-02	WT	G				0										X	X						X	X							24041541-087
8	SG-03	WT	G				0										X	X						X	X							24041541-088
9	T127	WT	G				14	6	3	1	3	1											X									24041541-089
10	T128	WT	G				14	6	3	1	3	1											X									24041541-090
11	X201	WT	G				2	1		1											X					X						24041541-091
12	XPW01	WT	G				2	1		1														X								24041541-092
13	XPW02	WT	G				2	1		1														X								24041541-093
14	XSG-01	WT	G				0										X							X								24041541-094
15	Field Blank	WT	G				21	10	5	2	3	1					X	X	X	X	X	X	X	X	X	X	X	X	X			24041541-095
16	G102 Duplicate	WT	G				15	6	3	2	3	1											X					X				24041541-096

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
COF-24Q2 Rev 0		4/24/24	1500		4/29/24	1720	
Blanks: filter upon arrival at the lab for dissolved parameters.							

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Justin Cole

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 4-29-24

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

LT 6 43

24041541

CHAIN-OF-CUSTODY / Analytical Request Document

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Page: 1 of 7

Section A Required Client Information:

Company:	Vistra Corp-Coffeen
Address:	134 CIPS Lane
	Coffeen, IL 62017
Email To:	Brian.Voelker@VistraCorp.com
Phone: (217) 753-8911	Fax
Requested Due Date/TAT:	10 day

Section B Required Project Information:

Report To:	Brian Voelker
Copy To:	Sam Davies-samantha.davies@vistracorp.com
	John Romang - John.Romang@vistracorp.com Scott Bell- Michael.Bell@vistracorp.com
Purchase Order No.:	
Project Name:	
Project Number:	2285

Section C Invoice Information:

Attention:	Jason Stuckey
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	COF-257-101	COF-257-102	COF-257-103	COF-257-104	COF-257-105	COF-811-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104	COF-WPCP-102	COF-WPCP-103-104	COF-WPCP-106	COF-SUP-000	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	AP2D	WT	G				2	1		1													X								24041541-001
2	G1001	WT	G				2	1		1								X					X								24041541-002
3	G1003	WT	G				4	1		3								X					X						X		24041541-003
4	G101	WT	G				14	6	3	1	3	1										X									24041541-004
5	G102	WT	G				15	6	3	2	3	1										X					X					24041541-005
6	G103	WT	G				15	6	3	2	3	1										X					X					24041541-006
7	G105	WT	G				15	6	3	2	3	1										X					X					24041541-007
8	G106	WT	G				15	6	3	2	3	1										X					X					24041541-008
9	G107	WT	G				14	6	3	1	3	1										X										24041541-009
10	G108	WT	G				14	6	3	1	3	1										X										24041541-010
11	G109	WT	G				14	6	3	1	3	1										X										24041541-011
12	G110	WT	G	4-30-24	1448		14	6	3	1	3	1										X										24041541-012
13	G111	WT	G	4-30-24	1411		14	6	3	1	3	1										X										24041541-013
14	G119	WT	G				14	6	3	1	3	1										X										24041541-014
15	G120	WT	G				14	6	3	1	3	1										X										24041541-015
16	G121	WT	G				14	6	3	1	3	1										X										24041541-016

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
COF-24Q2 Rev 1	Daniel Crump	4-30	16:30	Mitch Reed	4/30/24	1630	3 / 0 / N /
							14

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Justin Culp

SIGNATURE of SAMPLER: Justin Culp

DATE Signed (MM/DD/YY): 4-30-24

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

ØHS 89760/96651

G153: Added NaOH(95613)

G314, G314D, & G316: Added HNO_3(97528)

LTG#5

CHAIN-OF-CUSTODY / Analytical Request Document

24041541

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Page: 2 of 7

Section A Required Client Information:

Company:	Vistra Corp-Coffeen
Address:	134 CIPS Lane Coffeen, IL 62017
Email To:	Brian.Voelker@VistraCorp.com
Phone: (217) 753-8911	Fax:
Requested Due Date/TAT:	10 day

Section B Required Project Information:

Report To:	Brian Voelker
Copy To:	Sam Davies-samantha.davies@vistracorp.com John Romang - John.Romang@vistracorp.com Scott Bell- Michael.Bell@vistracorp.com
Purchase Order No.:	
Project Name:	
Project Number:	2285

Section C Invoice Information:

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

REGULATORY AGENCY

NPDES GROUND WATER DRINKING WATER
UST RCRA OTHER

Site Location STATE: IL

Section D Required Client Information

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

Valid Matrix Codes

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

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N	COF-257-101	COF-257-102	COF-257-103	COF-257-104	COF-257-105	COF-811-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104	COF-WPCP-102	COF-WPCP-103-104	COF-WPCP-106	COF-SUP-000	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	G122	WT	G				14	6	3	1	3	1										X									24041541-017
2	G123	WT	G				14	6	3	1	3	1										X									24041541-018
3	G124	WT	G				14	6	3	1	3	1										X									24041541-019
4	G125	WT	G				14	6	3	1	3	1										X									24041541-020
5	G126	WT	G				14	6	3	1	3	1										X									24041541-021
6	G151	WT	G	4-30-24	1011		4	2		1		1																	X		24041541-022
7	G152	WT	G	~~4-30-24~~			4	2		1		1																	X		24041541-023
8	G153	WT	G	4-30-24	1238		4	2		1		1																	X		24041541-024
9	G154	WT	G	4-30-24	1201		5	2		2		1														X		X			24041541-025
10	G155	WT	G	4-30-24	1121		4	2		1		1																	X		24041541-026
11	G200	WT	G				6	2	1	2		1							X						X			X			24041541-027
12	G206	WT	G	4-30-24	1028		6	2	1	2		1							X						X			X			24041541-028
13	G206D	WT	G	4-30-24	1058		2	1		1									X						X			X			24041541-029
14	G207	WT	G				6	2	1	2		1																X			24041541-030
15	G208	WT	G	4-30-24	1128		6	2	1	2		1																X			24041541-031
16	G209	WT	G				6	2	1	2		1							X						X			X			24041541-032

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
COF-24Q2 Rev 1	Daniel Crump	4-30	16:30		4/30/24	1630	

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

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Justin Culp

SIGNATURE of SAMPLER: Justin Culp

DATE Signed (MM/DD/YY): 4-30-24

24041541

CHAIN-OF-CUSTODY / Analytical Request Document

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Page: 3 of 7

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company:	Vistra Corp-Coffeen	Report To:	Brian Voelker	Attention:	Jason Stuckey
Address:	134 CIPS Lane	Copy To:	Sam Davies-samantha.davies@vistracorp.com	Company Name:	Vistra Corp
	Coffeen, IL 62017		John Romang - John.Romang@vistracorp.com Scott Bell- Michael.Bell@vistracorp.com	Address:	see Section A
Email To:	Brian.Voelker@VistraCorp.com	Purchase Order No.:		Quote Reference:	
Phone:	(217) 753-8911 Fax	Project Name:		Project Manager:	
Requested Due Date/TAT:	10 day	Project Number:	2285	Profile #:	

REGULATORY AGENCY

NPDES **GROUND WATER** DRINKING WATER

UST RCRA OTHER

Site Location STATE: IL

Requested Analysis Filtered (Y/N)

ITEM #	Section D Required Client Information: SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N	COF-257-101	COF-257-102	COF-257-103	COF-257-104	COF-257-105	COF-811-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104	COF-WPCP-102	COF-WPCP-103-104	COF-WPCP-106	COF-SUP-000	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	G210	WT	G				6	2	1	2		1															X				24041541-033
2	G211	WT	G				6	2	1	2		1															X				24041541-034
3	G212	WT	G				6	2	1	2		1							X						X		X				24041541-035
4	G213	WT	G				6	2	1	2		1							X						X		X				24041541-036
5	G214	WT	G	4-30-24	1417		6	2	1	2		1															X				24041541-037
6	G215	WT	G	4-30-24	1319		6	2	1	2		1							X						X		X				24041541-038
7	G216	WT	G	4-30-24	1220		6	2	1	2		1															X				24041541-039
8	G217	WT	G				6	2	1	2		1							X						X		X				24041541-040
9	G218	WT	G				6	2	1	2		1							X						X		X				24041541-041
10	G219	WT	G				2	1		1																			X		24041541-104
11	G220	WT	G				2	1		1																			X		24041541-105
12	G270	WT	G				6	2	1	2		1					X		X				X		X	X	X				24041541-042
13	G271	WT	G				6	2	1	2		1							X						X		X				24041541-043
14	G272	WT	G				6	2	1	2		1							X						X		X				24041541-044
15	G273	WT	G				6	2	1	2		1							X						X		X				24041541-045
16	G274	WT	G				6	2	1	2		1															X				24041541-046

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

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
COF-24Q2 Rev 1	Daniel Camp	4-30	16:30	Brian Reed	4/30/24	1630	5 / Y / N /

SAMPLER NAME AND SIGNATURE			Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER:	Justin Camp					
SIGNATURE of SAMPLER:		DATE Signed (MM/DD/YY): 4-30-24				

24041541

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:

Company:	Vistra Corp-Coffeen
Address:	134 CIPS Lane Coffeen, IL 62017
Email To:	Brian.Voelker@VistraCorp.com
Phone: (217) 753-8911	Fax:
Requested Due Date/TAT:	10 day

Section B Required Project Information:

Report To:	Brian Voelker
Copy To:	Sam Davies-samantha.davies@vistracorp.com John Romang - John.Romang@vistracorp.com Scott Bell- Michael.Bell@vistracorp.com
Purchase Order No.:	
Project Name:	
Project Number:	2285

Section C Invoice Information:

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

REGULATORY AGENCY

NPDES GROUND WATER DRINKING WATER
UST RCRA OTHER

Site Location STATE: IL

Section D Required Client Information

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

Valid Matrix Codes

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

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N	COF-257-101	COF-257-102	COF-257-103	COF-257-104	COF-257-105	COF-811-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104	COF-WPCP-102	COF-WPCP-103-104	COF-WPCP-106	COF-SUP-000	Residual Chlorine (Y/N)	Project No./ Lab I.D.
								Requested Analysis Filtered (Y/N)																									
1	G307	WT	G				2	1		1							X						X									24041541-063
2	G307D	WT	G				2	1		1							X						X									24041541-064
3	G308	WT	G				2	1		1							X						X									24041541-065
4	G310	WT	G				2	1		1							X						X									24041541-066
5	G312	WT	G				2	1		1							X						X									24041541-067
6	G313	WT	G				2	1		1							X						X									24041541-068
7	G314	WT	G	4/30/24	1336		2	1		1							X						X									24041541-069
8	G314D	WT	G	4/30/24	1225		2	1		1							X						X									24041541-070
9	G315	WT	G				2	1		1							X						X									24041541-071
10	G316	WT	G	4/30/24	1122		2	1		1							X						X									24041541-072
11	G401	WT	G				4	1		2		1						X						X			X						24041541-073
12	G402	WT	G				4	1		2		1						X						X			X						24041541-074
13	G403	WT	G				4	1		2		1						X						X			X						24041541-075
14	G404	WT	G				4	1		2		1						X						X			X						24041541-076
15	G405	WT	G				4	1		2		1						X						X			X						24041541-077
16	G406	WT	G				4	1		2		1						X						X			X						24041541-078

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
COF-24Q2 Rev 1	Daniel Crump	4-30	16:30	Nick Reed	4/30/24	1620	5 / Y / N /
							19

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Justin Gil

SIGNATURE of SAMPLER: Justin Gil

DATE Signed (MM/DD/YY): 4-30-24

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

24041541

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:

Company:	Vistra Corp-Coffeen
Address:	134 CIPS Lane
	Coffeen, IL 62017
Email To:	Brian.Voelker@VistraCorp.com
Phone: (217) 753-8911	Fax:
Requested Due Date/TAT:	10 day

Section B Required Project Information:

Report To:	Brian Voelker
Copy To:	Sam Davies-samantha.davies@vistracorp.com
	John Romang - John.Romang@vistracorp.com
	Scott Bell- Michael.Bell@vistracorp.com
Purchase Order No.:	
Project Name:	
Project Number:	2285

Section C Invoice Information:

Attention:	Jason Stuckey
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	COF-257-101	COF-257-102	COF-257-103	COF-257-104	COF-257-105	COF-811-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104	COF-WPCP-102	COF-WPCP-103-104	COF-WPCP-106	COF-SUP-000	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	G407	WT	G				4	1		2		1						X						X			X					24041541-079
2	G410	WT	G	4/30/24	1006		4	1		2		1															X					24041541-080
3	G411	WT	G				4	1		2		1															X					24041541-081
4	L203	WT	G				18	9	4	1	3	1											X									24041541-082
5	NE Riser	WT	G				0												X						X							24041541-083
6	R104	WT	G				15	6	3	2	3	1											X					X				24041541-084
7	R201	WT	G				6	2	1	2		1							X						X			X				24041541-085
8	R205	WT	G				6	2	1	2		1																X				24041541-086
9	SG-02	WT	G				0										X	X					X	X								24041541-087
10	SG-03	WT	G				0										X	X					X	X								24041541-088
11	T127	WT	G				14	6	3	1	3	1										X										24041541-089
12	T128	WT	G				14	6	3	1	3	1										X										24041541-090
13	X201	WT	G				2	1		1										X						X						24041541-091
14	XPW01	WT	G				2	1		1													X									24041541-092
15	XPW02	WT	G				2	1		1													X									24041541-093
16	XSG-01	WT	G				0										X						X									24041541-094

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
COF-24Q2 Rev 1	Samuel Crump	4-30	16:30	[signature]	4/30/24	1630	7 ⓪ z

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Justin Culp

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 4-30-24

Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
4			

CHAIN-OF-CUSTODY / Analytical Request Document

24041541

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-Coffeen	Report To:	Brian Voelker	Attention:	Jason Stuckey
Address:	134 CIPS Lane	Copy To:	Sam Davies-samantha.davies@vistracorp.com	Company Name:	Vistra Corp
	Coffeen, IL 62017		John Romang - John.Romang@vistracorp.com Scott Bell- Michael.Bell@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	COF-257-101	COF-257-102	COF-257-103	COF-257-104	COF-257-105	COF-811-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104	COF-WPCP-102	COF-WPCP-103-104	COF-WPCP-106	COF-SUP-000	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	AP2D	WT	G				2	1		1														X								24041541-001
2	G1001	WT	G				2	1		1									X					X								24041541-002
3	G1003	WT	G				4	1		3									X					X						X		24041541-003
4	G101	WT	G				14	6	3	1	3	1											X									24041541-004
5	G102	WT	G				15	6	3	2	3	1											X					X					24041541-005
6	G103	WT	G				15	6	3	2	3	1											X					X					24041541-006
7	G105	WT	G				15	6	3	2	3	1											X					X					24041541-007
8	G106	WT	G				15	6	3	2	3	1											X					X					24041541-008
9	G107	WT	G				14	6	3	1	3	1											X										24041541-009
10	G108	WT	G	5-1-24	1036		14	6	3	1	3	1											X										24041541-010
11	G109	WT	G	5-1-24	0953		14	6	3	1	3	1											X										24041541-011
12	G110	WT	G				14	6	3	1	3	1											X										24041541-012
13	G111	WT	G				14	6	3	1	3	1											X										24041541-013
14	G119	WT	G	5-1-24	1222		14	6	3	1	3	1											X										24041541-014
15	G120	WT	G	5-1-24	1254		14	6	3	1	3	1											X										24041541-015
16	G121	WT	G	5-1-24	1321		14	6	3	1	3	1											X										24041541-016

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
COF-24Q2 Rev 1	Daniel Crump	5-1	1631	Emily Disell	5/1/24	1133	12.1 C Y N

Added NaOH(95443) to G122 + G272
pH ✓ 9665/89460 BS 5/2
BHS

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Justin Culp

SIGNATURE of SAMPLER: Justin Culp DATE Signed (MM/DD/YY): 5-1-24

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

24041541

CHAIN-OF-CUSTODY / Analytical Request Document

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

Section A Required Client Information:

Company:	Vistra Corp-Coffeen
Address:	134 CIPS Lane
	Coffeen, IL 62017
Email To:	Brian.Voelker@VistraCorp.com
Phone: (217) 753-8911	Fax
Requested Due Date/TAT:	10 day

Section B Required Project Information:

Report To:	Brian Voelker
Copy To:	Sam Davies-samantha.davies@vistracorp.com
	John Romang - John.Romang@vistracorp.com
	Scott Bell- Michael.Bell@vistracorp.com
Purchase Order No.:	
Project Name:	
Project Number:	2285

Section C Invoice Information:

Attention:	Jason Stuckey
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)	COF-257-101	COF-257-102	COF-257-103	COF-257-104	COF-257-105	COF-811-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104	COF-WPCP-102	COF-WPCP-103-104	COF-WPCP-106	COF-SUP-000	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	G122	WT	G	5-1-24	1359		14	6	3	1	3	1										X										24041541-017
2	G123	WT	G				14	6	3	1	3	1										X										24041541-018
3	G124	WT	G	5-1-24	1451		14	6	3	1	3	1										X										24041541-019
4	G125	WT	G				14	6	3	1	3	1										X										24041541-020
5	G126	WT	G				14	6	3	1	3	1										X										24041541-021
6	G151	WT	G				4	2		1		1																	X			24041541-022
7	G152	WT	G				4	2		1		1																	X			24041541-023
8	G153	WT	G				4	2		1		1																	X			24041541-024
9	G154	WT	G				5	2		2		1															X		X			24041541-025
10	G155	WT	G				4	2		1		1																	X			24041541-026
11	G200	WT	G				6	2	1	2		1							X						X			X				24041541-027
12	G206	WT	G				6	2	1	2		1							X						X			X				24041541-028
13	G206D	WT	G				2	1		1									X						X			X				24041541-029
14	G207	WT	G				6	2	1	2		1																X				24041541-030
15	G208	WT	G				6	2	1	2		1																X				24041541-031
16	G209	WT	G	5-1-24	1155		6	2	1	2		1							X						X			X				24041541-032

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
COF-24Q2 Rev 1		5-1	1631		5/1/24	1631	

SAMPLER NAME AND SIGNATURE					
PRINT Name of SAMPLER:	Justin Cobb				
SIGNATURE of SAMPLER:		DATE Signed (MM/DD/YY):	5-1-24		

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

24041541

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-Coffeen	Report To:	Brian Voelker	Attention:	Jason Stuckey
Address:	134 CIPS Lane	Copy To:	Sam Davies-samantha.davies@vistracorp.com	Company Name:	Vistra Corp
	Coffeen, IL 62017		John Romang - John.Romang@vistracorp.com Scott Bell- Michael.Bell@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	COF-257-101	COF-257-102	COF-257-103	COF-257-104	COF-257-105	COF-811-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104	COF-WPCP-102	COF-WPCP-103-104	COF-WPCP-106	COF-SUP-000	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	G210	WT	G	5-1-24	1128		6	2	1	2		1																X				24041541-033
2	G211	WT	G	5-1-24	1040		6	2	1	2		1																X				24041541-034
3	G212	WT	G	5-1-24	0952		6	2	1	2		1								X					X			X				24041541-035
4	G213	WT	G				6	2	1	2		1								X					X			X				24041541-036
5	G214	WT	G				6	2	1	2		1																X				24041541-037
6	G215	WT	G				6	2	1	2		1								X					X			X				24041541-038
7	G216	WT	G				6	2	1	2		1																X				24041541-039
8	G217	WT	G				6	2	1	2		1								X					X			X				24041541-040
9	G218	WT	G				6	2	1	2		1								X					X			X				24041541-041
10	G219	WT	G				2	1		1																				X		24041541-104
11	G220	WT	G				2	1		1																				X		24041541-105
12	G270	WT	G				6	2	1	2		1							X		X				X		X	X	X				24041541-042
13	G271	WT	G	5-1-24	1337		6	2	1	2		1									X					X		X				24041541-043
14	G272	WT	G	5-1-24	1310		6	2	1	2		1									X					X		X				24041541-044
15	G273	WT	G	5-1-24	1231		6	2	1	2		1									X					X		X				24041541-045
16	G274	WT	G	5-1-24	1421		6	2	1	2		1									X					X						24041541-046

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
COF-24Q2 Rev 1	Daniel Camp	5-1	1631	Omar Quaid	5/1/24	1631	

SAMPLER NAME AND SIGNATURE			Temp in °C	Received on ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER:	Justin Camp					
SIGNATURE of SAMPLER:	Justin Camp	DATE Signed (MM/DD/YY): 5-1-24				

24041541

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-Coffeen	Report To:	Brian Voelker	Attention:	Jason Stuckey
Address:	134 CIPS Lane	Copy To:	Sam Davies-samantha.davies@vistracorp.com	Company Name:	Vistra Corp
	Coffeen, IL 62017		John Romang - John.Romang@vistracorp.com Scott Bell- Michael.Bell@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	COF-257-101	COF-257-102	COF-257-103	COF-257-104	COF-257-105	COF-811-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104	COF-WPCP-102	COF-WPCP-103-104	COF-WPCP-106	COF-SUP-000	Residual Chlorine (Y/N)	Project No./ Lab I.D.
								Requested Analysis Filtered (Y/N)																									
1	G275	WT	G				6	2	1	2		1								X						X		X				24041541-047
2	G275D	WT	G				2	1		1										X						X						24041541-048
3	G276	WT	G				6	2	1	2		1								X						X		X				24041541-049
4	G277	WT	G				6	2	1	2		1								X						X		X				24041541-050
5	G278	WT	G				6	2	1	2		1																X				24041541-051
6	G279	WT	G				6	2	1	2		1								X						X	X	X				24041541-052
7	G280	WT	G				6	2	1	2		1						X		X				X		X	X	X				24041541-053
8	G281	WT	G				4	1		2		1					X	X					X	X			X					24041541-054
9	G283	WT	G				2	1		1										X						X						24041541-055
10	G284	WT	G				2	1		1										X						X						24041541-056
11	G285	WT	G				2	1		1										X						X						24041541-057
12	G301	WT	G				2	1		1							X						X									24041541-058
13	G302	WT	G				2	1		1							X						X									24041541-059
14	G303	WT	G	5/1/24	1049		2	1		1							X						X									24041541-060
15	G305	WT	G	5/1/24	1441		2	1		1							X						X									24041541-061
16	G306	WT	G	5/1/24	1347		2	1		1							X						X									24041541-062

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
COF-24Q2 Rev 1	Daniel Crump	5-1	1631	Jonathan Arballo	5/1/24	1631	Y / Z

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Justin Culp

SIGNATURE of SAMPLER: Justin Culp DATE Signed (MM/DD/YY): 5-1-24

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

CHAIN-OF-CUSTODY / Analytical Request Document

24041541

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

Page: 5 of 7

Section A Required Client Information:

Company:	Vistra Corp-Coffeen
Address:	134 CIPS Lane
	Coffeen, IL 62017
Email To:	Brian.Voelker@VistraCorp.com
Phone: (217) 753-8911	Fax:
Requested Due Date/TAT:	10 day

Section B Required Project Information:

Report To:	Brian Voelker
Copy To:	Sam Davies-samantha.davies@vistracorp.com
	John Romang - John.Romang@vistracorp.com
	Scott Bell- Michael.Bell@vistracorp.com
Purchase Order No.:	
Project Name:	
Project Number:	2285

Section C Invoice Information:

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

REGULATORY AGENCY

NPDES GROUND WATER DRINKING WATER
UST RCRA OTHER

Site Location STATE: IL

Section D Required Client Information

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

Valid Matrix Codes

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

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Y/N	Analysis Test	COF-257-101	COF-257-102	COF-257-103	COF-257-104	COF-257-105	COF-811-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104	COF-WPCP-102	COF-WPCP-103-104	COF-WPCP-106	COF-SUP-000	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	G307	WT	G				2	1		1								X						X								24041541-063
2	G307D	WT	G				2	1		1								X						X								24041541-064
3	G308	WT	G				2	1		1								X						X								24041541-065
4	G310	WT	G				2	1		1								X						X								24041541-066
5	G312	WT	G				2	1		1								X						X								24041541-067
6	G313	WT	G	5/1/24	1213		2	1		1								X						X								24041541-068
7	G314	WT	G				2	1		1								X						X								24041541-069
8	G314D	WT	G				2	1		1								X						X								24041541-070
9	G315	WT	G				2	1		1								X						X								24041541-071
10	G316	WT	G				2	1		1								X						X								24041541-072
11	G401	WT	G				4	1		2		1							X						X			X					24041541-073
12	G402	WT	G				4	1		2		1							X						X			X					24041541-074
13	G403	WT	G				4	1		2		1							X						X			X					24041541-075
14	G404	WT	G				4	1		2		1							X						X			X					24041541-076
15	G405	WT	G				4	1		2		1							X						X			X					24041541-077
16	G406	WT	G				4	1		2		1							X						X			X					24041541-078

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
COF-24Q2 Rev 1	Samuel Crump	5-1	1631	[signature]	5/1/24	1631	

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Justin Colp

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 5-1-24

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

24041541

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-Coffeen	Report To:	Brian Voelker	Attention:	Jason Stuckey
Address:	134 CIPS Lane	Copy To:	Sam Davies-samantha.davies@vistracorp.com	Company Name:	Vistra Corp
	Coffeen, IL 62017		John Romang - John.Romang@vistracorp.com Scott Bell- Michael.Bell@vistracorp.com	Address:	see Section A
Email To:	Brian.Voelker@VistraCorp.com	Purchase Order No.:		Quote Reference:	
Phone:	(217) 753-8911 Fax:	Project Name:		Project Manager:	
Requested Due Date/TAT:	10 day	Project Number:	2285	Profile #:	

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

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

ITEM #	Section D Required Client Information SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Y/N	Analysis Test: COF-257-101	COF-257-102	COF-257-103	COF-257-104	COF-257-105	COF-811-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104	COF-WPCP-102	COF-WPCP-103-104	COF-WPCP-106	COF-SUP-000	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	G407	WT	G				4	1		2		1						X						X			X				24041541-079
2	G410	WT	G				4	1		2		1															X				24041541-080
3	G411	WT	G				4	1		2		1															X				24041541-081
4	L203	WT	G				18	9	4	1	3	1											X								24041541-082
5	NE Riser	WT	G				0													X					X						24041541-083
6	R104	WT	G				15	6	3	2	3	1											X				X				24041541-084
7	R201	WT	G				6	2	1	2		1								X					X		X				24041541-085
8	R205	WT	G				6	2	1	2		1															X				24041541-086
9	SG-02	WT	G				0											X	X				X	X							24041541-087
10	SG-03	WT	G				0											X	X				X	X							24041541-088
11	T127	WT	G				14	6	3	1	3	1										X									24041541-089
12	T128	WT	G	5-1-24	1131		14	6	3	1	3	1										X									24041541-090
13	X201	WT	G				2	1		1											X					X					24041541-091
14	XPW01	WT	G				2	1		1													X								24041541-092
15	XPW02	WT	G				2	1		1													X								24041541-093
16	XSG-01	WT	G				0											X					X								24041541-094

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS	Y	N	
COF-24Q2 Rev 1	Daniel Coop/S-1		1631	Jason Stuckey	5/1/24	1631				

SAMPLER NAME AND SIGNATURE					
PRINT Name of SAMPLER:	Justin Cole	Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
SIGNATURE of SAMPLER:		DATE Signed (MM/DD/YY): 5-1-24			

CHAIN-OF-CUSTODY / Analytical Request Document

24041541

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Page: 1 of 7

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company:	Vistra Corp-Coffeen	Report To:	Brian Voelker	Attention:	Jason Stuckey
Address:	134 CIPS Lane	Copy To:	Sam Davies-samantha.davies@vistracorp.com	Company Name:	Vistra Corp
	Coffeen, IL 62017		John Romang - John.Romang@vistracorp.com	Address:	see Section A
Email To:	Brian.Voelker@VistraCorp.com	Purchase Order No.:		Quote Reference:	
Phone:	(217) 753-8911 Fax:	Project Name:		Project Manager:	
Requested Due Date/TAT:	10 day	Project Number:	2285	Profile #:	

REGULATORY AGENCY		
NPDES	GROUND WATER	DRINKING WATER
UST	RCRA	OTHER

Site Location STATE: IL

Requested Analysis Filtered (Y/N)

ITEM #	Section D Required Client Information: SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N	COF-257-101	COF-257-102	COF-257-103	COF-257-104	COF-257-105	COF-811-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104	COF-WPCP-102	COF-WPCP-103-104	COF-WPCP-106	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	AP2D	WT	G				2	1		1													X							24041541-001
2	G1001	WT	G				2	1		1								X					X							24041541-002
3	G1003	WT	G				4	1		3								X					X							24041541-003
4	G101	WT	G	5-2-24	1022		14	6	3	1	3	1										X								24041541-004
5	G102	WT	G	5-2-24	1103		15	6	3	2	3	1										X					X			24041541-005
6	G103	WT	G	5-2-24	1226		15	6	3	2	3	1										X					X			24041541-006
7	G105	WT	G	5-2-24	1330		15	6	3	2	3	1										X					X			24041541-007
8	G106	WT	G	5-2-24	1415		15	6	3	2	3	1										X					X			24041541-008
9	G107	WT	G				14	6	3	1	3	1										X								24041541-009
10	G108	WT	G				14	6	3	1	3	1										X								24041541-010
11	G109	WT	G				14	6	3	1	3	1										X								24041541-011
12	G110	WT	G				14	6	3	1	3	1										X								24041541-012
13	G111	WT	G				14	6	3	1	3	1										X								24041541-013
14	G119	WT	G				14	6	3	1	3	1										X								24041541-014
15	G120	WT	G				14	6	3	1	3	1										X								24041541-015
16	G121	WT	G				14	6	3	1	3	1										X								24041541-016

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
COF-24Q2 Rev 0	Daniel Crump	5-2	1615		5/2/24	1615	16.1°C / 5
G1003: include Appendix III/IV, majorions and field parameters if well volume is sufficient for sample collection							

SAMPLER NAME AND SIGNATURE					
PRINT Name of SAMPLER:			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): 5-2-24		5	(Y)	N	

Added HNO_3 to G106 & G275D. Added NaOH to G401. 96651/84660 5/2

24041541

CHAIN-OF-CUSTODY / Analytical Request Document

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Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company:	Vistra Corp-Coffeen	Report To:	Brian Voelker	Attention:	Jason Stuckey
Address:	134 CIPS Lane	Copy To:	Sam Davies-samantha.davies@vistracorp.com	Company Name:	Vistra Corp
	Coffeen, IL 62017		John Romang - John.Romang@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 WW; WATER 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	COF-257-101	COF-257-102	COF-257-103	COF-257-104	COF-257-105	COF-811-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104	COF-WPCP-102	COF-WPCP-103-104	COF-WPCP-106	Residual Chlorine (Y/N)	Project No./ Lab I.D.
								Requested Analysis Filtered (Y/N)																							
1	G122	WT	G				14	6	3	1	3	1											X								24041541-017
2	G123	WT	G				14	6	3	1	3	1											X								24041541-018
3	G124	WT	G				14	6	3	1	3	1											X								24041541-019
4	G125	WT	G	5-2-24	0941		14	6	3	1	3	1											X								24041541-020
5	G126	WT	G				14	6	3	1	3	1											X								24041541-021
6	G151	WT	G				4	2		1		1																X			24041541-022
7	G152	WT	G				4	2		1		1																X			24041541-023
8	G153	WT	G				4	2		1		1																X			24041541-024
9	G154	WT	G				5	2		2		1															X		X		24041541-025
10	G155	WT	G				4	2		1		1																X			24041541-026
11	G200	WT	G				6	2	1	2		1								X					X			X			24041541-027
12	G206	WT	G				6	2	1	2		1								X					X			X			24041541-028
13	G206D	WT	G				2	1		1										X					X			X			24041541-029
14	G207	WT	G				6	2	1	2		1																X			24041541-030
15	G208	WT	G				6	2	1	2		1																X			24041541-031
16	G209	WT	G				6	2	1	2		1								X					X			X			24041541-032

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS	Y	N	
COF-24Q2 Rev 0	Daniel Crump	5-2	1615		5/2/24	1615				

SAMPLER NAME AND SIGNATURE			Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER:	Justin Cox					
SIGNATURE of SAMPLER:		DATE Signed (MM/DD/YY): 5-2-24				

24041541

CHAIN-OF-CUSTODY / Analytical Request Document

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Page: 3 of 7

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company:	Vistra Corp-Coffeen	Report To:	Brian Voelker	Attention:	Jason Stuckey
Address:	134 CIPS Lane	Copy To:	Sam Davies-samantha.davies@vistracorp.com	Company Name:	Vistra Corp
	Coffeen, IL 62017		John Romang - John.Romang@vistracorp.com	Address:	see Section A
Email To:	Brian.Voelker@VistraCorp.com	Purchase Order No.:		Quote Reference:	
Phone:	(217) 753-8911 Fax:	Project Name:		Project Manager:	
Requested Due Date/TAT:	10 day	Project Number:	2285	Profile #:	

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

Requested Analysis Filtered (Y/N)

ITEM #	Section D Required Client Information SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N	COF-257-101	COF-257-102	COF-257-103	COF-257-104	COF-257-105	COF-811-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104	COF-WPCP-102	COF-WPCP-103-104	COF-WPCP-106	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	G210	WT	G				6	2	1	2		1															X			24041541-033
2	G211	WT	G				6	2	1	2		1															X			24041541-034
3	G212	WT	G				6	2	1	2		1							X						X		X			24041541-035
4	G213	WT	G				6	2	1	2		1							X						X		X			24041541-036
5	G214	WT	G				6	2	1	2		1															X			24041541-037
6	G215	WT	G				6	2	1	2		1							X						X		X			24041541-038
7	G216	WT	G				6	2	1	2		1															X			24041541-039
8	G217	WT	G	5-2-24	1239		6	2	1	2		1							X						X		X			24041541-040
9	G218	WT	G	5-2-24	1147		6	2	1	2		1							X						X		X			24041541-041
10	G270	WT	G				6	2	1	2		1					X			X				X		X	X	X			24041541-042
11	G271	WT	G				6	2	1	2		1								X						X		X			24041541-043
12	G272	WT	G				6	2	1	2		1								X						X		X			24041541-044
13	G273	WT	G				6	2	1	2		1								X						X		X			24041541-045
14	G274	WT	G				6	2	1	2		1																X			24041541-046
15	G275	WT	G	5-2-24	1033		6	2	1	2		1								X						X		X			24041541-047
16	G275D	WT	G	5-2-24	0958		2	1		1										X						X					24041541-048

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS	Y	N	
COF-24Q2 Rev 0	J. Colp Daniel Crump	5-2	16:15	[signature]	5/2/24	1615				

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:	John Colp					
SIGNATURE of SAMPLER:	[signature]	DATE Signed (MM/DD/YY): 5-2-24				

24041541

CHAIN-OF-CUSTODY / Analytical Request Document

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Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company:	Vistra Corp-Coffeen	Report To:	Brian Voelker	Attention:	Jason Stuckey
Address:	134 CIPS Lane	Copy To:	Sam Davies-samantha.davies@vistracorp.com	Company Name:	Vistra Corp
	Coffeen, IL 62017		John Romang - John.Romang@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; SOIL/SOLID (OL, WP); OIL (AR); WIPE (OT, TS); AIR; OTHER; TISSUE

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	COF-257-101	COF-257-102	COF-257-103	COF-257-104	COF-257-105	COF-811-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104	COF-WPCP-102	COF-WPCP-103-104	COF-WPCP-106	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	G276	WT	G				6	2	1	2		1								X					X		X			24041541-049
2	G277	WT	G				6	2	1	2		1								X					X		X			24041541-050
3	G278	WT	G				6	2	1	2		1															X			24041541-051
4	G279	WT	G				6	2	1	2		1								X					X	X	X			24041541-052
5	G280	WT	G				6	2	1	2		1						X		X				X	X	X	X			24041541-053
6	G281	WT	G				4	1		2		1					X	X					X	X			X				24041541-054
7	G283	WT	G				2	1		1										X					X					24041541-055
8	G284	WT	G				2	1		1										X					X					24041541-056
9	G285	WT	G				2	1		1										X					X					24041541-057
10	G301	WT	G				2	1		1							X						X							24041541-058
11	G302	WT	G				2	1		1							X						X							24041541-059
12	G303	WT	G				2	1		1							X						X							24041541-060
13	G305	WT	G				2	1		1							X						X							24041541-061
14	G306	WT	G				2	1		1							X						X							24041541-062
15	G307	WT	G	5/2/24	1432		2	1		1							X						X							24041541-063
16	G307D	WT	G	5/2/24	1435		2	1		1							X						X							24041541-064

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
COF-24Q2 Rev 0	Daniel Crump	5-2	1615	Paul Zelley	5/2/24	1615

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: Justin Cole

SIGNATURE of SAMPLER: Justin Cole

DATE Signed (MM/DD/YY): 5-2-24

24041541

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-Coffeen	Report To:	Brian Voelker	Attention:	Jason Stuckey
Address:	134 CIPS Lane	Copy To:	Sam Davies-samantha.davies@vistracorp.com	Company Name:	Vistra Corp
	Coffeen, IL 62017		John Romang - John.Romang@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	COF-257-101	COF-257-102	COF-257-103	COF-257-104	COF-257-105	COF-811-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104	COF-WPCP-102	COF-WPCP-103-104	COF-WPCP-106		Residual Chlorine (Y/N)	Project No./ Lab I.D.
								Requested Analysis Filtered (Y/N)																								
1	G308	WT	G	5/2/24	1135		2	1		1							X						X								24041541-065
2	G310	WT	G	~~5/2/24~~			2	1		1							X						X								24041541-066
3	G312	WT	G				2	1		1							X						X								24041541-067
4	G313	WT	G				2	1		1							X						X								24041541-068
5	G314	WT	G				2	1		1							X						X								24041541-069
6	G314D	WT	G				2	1		1							X						X								24041541-070
7	G315	WT	G	5/2/24	1031		2	1		1							X						X								24041541-071
8	G316	WT	G				2	1		1							X						X								24041541-072
9	G401	WT	G	5-2-24	1406		4	1		2		1						X						X			X				24041541-073
10	G402	WT	G				4	1		2		1						X						X			X				24041541-074
11	G403	WT	G				4	1		2		1						X						X			X				24041541-075
12	G404	WT	G				4	1		2		1						X						X			X				24041541-076
13	G405	WT	G				4	1		2		1						X						X			X				24041541-077
14	G406	WT	G				4	1		2		1						X						X			X				24041541-078
15	G407	WT	G				4	1		2		1						X						X			X				24041541-079
16	G410	WT	G				4	1		2		1															X				24041541-080

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
COF-24Q2 Rev 0	Daniel Crump	5-2	1615	Paul Petty	5/2/24	1615		Y	N	

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Justin Culp

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 5-2-24

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

24041541

CHAIN-OF-CUSTODY / Analytical Request Document

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Page: 6 of 7

Section A Required Client Information:

Company:	Vistra Corp-Coffeen
Address:	134 CIPS Lane
	Coffeen, IL 62017
Email To:	Brian.Voelker@VistraCorp.com
Phone: (217) 753-8911	Fax:
Requested Due Date/TAT:	10 day

Section B Required Project Information:

Report To:	Brian Voelker
Copy To:	Sam Davies-samantha.davies@vistracorp.com
	John Romang - John.Romang@vistracorp.com
Purchase Order No.:	
Project Name:	
Project Number:	2285

Section C Invoice Information:

Attention:	Jason Stuckey
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 WW; WATER 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	COF-257-101	COF-257-102	COF-257-103	COF-257-104	COF-257-105	COF-811-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104	COF-WPCP-102	COF-WPCP-103-104	COF-WPCP-106	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	G411	WT	G				4	1		2		1															X				24041541-081
2	L203	WT	G				18	9	4	1	3	1												X								24041541-082
3	NE Riser	WT	G				0													X						X						24041541-083
4	R104	WT	G	5-2-24	1300		15	6	3	2	3	1												X					X			24041541-084
5	R201	WT	G				6	2	1	2		1								X						X			X			24041541-085
6	R205	WT	G				6	2	1	2		1																	X			24041541-086
7	SG-02	WT	G				0											X	X					X	X							24041541-087
8	SG-03	WT	G				0											X	X					X	X							24041541-088
9	T127	WT	G				14	6	3	1	3	1											X									24041541-089
10	T128	WT	G				14	6	3	1	3	1											X									24041541-090
11	X201	WT	G				2	1		1												X										24041541-091
12	XPW01	WT	G				2	1		1														X								24041541-092
13	XPW02	WT	G				2	1		1														X								24041541-093
14	XSG-01	WT	G				0											X						X								24041541-094
15	Field Blank	WT	G				21	10	5	2	3	1						X	X	X	X	X	X	X	X	X	X	X	X	X			24041541-095
16	G102 Duplicate	WT	G	5-2-24	1103		15	6	3	2	3	1											X					X				24041541-096

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
COF-24Q2 Rev 0	Daniel Crump	5-2	1615	Paul Ostby	5/2/24	1615
Blanks: filter upon arrival at the lab for dissolved parameters.						

SAMPLE CONDITIONS: Y / N

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Justin Culp

SIGNATURE of SAMPLER: Justin Culp DATE Signed (MM/DD/YY): 5-2-24

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

24041541

CHAIN-OF-CUSTODY / Analytical Request Document

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Page: 7 of 7

Section A Required Client Information:

Company:	Vistra Corp-Coffeen
Address:	134 CIPS Lane
	Coffeen, IL 62017
Email To:	Brian.Voelker@VistraCorp.com
Phone: (217) 753-8911	Fax:
Requested Due Date/TAT:	0

Section B Required Project Information:

Report To:	Brian Voelker
Copy To:	Sam Davies-samantha.davies@vistracorp.com
	John Romang - John.Romang@vistracorp.com
Purchase Order No.:	
Project Name:	
Project Number:	2285

Section C Invoice Information:

Attention:	Jason Stuckey
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

MATRIX: DRINKING WATER DW; WATER WT; WASTE 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	COF-257-101	COF-257-102	COF-257-103	COF-257-104	COF-257-105	COF-811-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104	COF-WPCP-102	COF-WPCP-103-104	COF-WPCP-105	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	G200 Duplicate	WT	G				6	2	1	2		1							X						X			X			24041541-097
2	~~G270 Duplicate~~ G217	WT	G	5-2-24	1239		6	2	1	2		1								X						X			X			24041541-098
3	G301 Duplicate	WT	G				2	1		1							X						X								24041541-099
4	R201 Duplicate	WT	G				6	2	1	2		1								X					X			X			24041541-100
5	Equipment Blank 1	WT	G				21	10	5	2	3	1					X	X	X	X	X	X	X	X	X	X	X	X	X			24041541-101
6	Equipment Blank 2	WT	G				21	10	5	2	3	1					X	X	X	X	X	X	X	X	X	X	X	X	X			24041541-102
7	Equipment Blank 3	WT	G				21	10	5	2	3	1					X	X	X	X	X	X	X	X	X	X	X	X	X			24041541-103
8																																
9																																
10																																
11																																
12																																
13																																
14																																
15																																
16																																

Requested Analysis Filtered (Y/N)

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS	Y	N	
COF-24Q2 Rev 0	Daniel Crump	5/2	1615		5/2/24	1615	Temp in °C			
Blanks: filter upon arrival at the lab for dissolved parameters.							Received on Ice (Y/N)			
							Custody Sealed Cooler (Y/N)			
							Samples Intact (Y/N)			

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Justin Gilo

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 5-2-24

CHAIN-OF-CUSTODY / Analytical Request Document

24041541

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Page: 1 of 7

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company:	Vistra Corp-Coffeen	Report To:	Brian Voelker	Attention:	Jason Stuckey
Address:	134 CIPS Lane	Copy To:	Sam Davies-samantha.davies@vistracorp.com	Company Name:	Vistra Corp
	Coffeen, IL 62017		John Romang - John.Romang@vistracorp.com Scott Bell- Michael.Bell@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

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	COF-257-101	COF-257-102	COF-257-103	COF-257-104	COF-257-105	COF-811-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104	COF-WPCP-102	COF-WPCP-103-104	COF-WPCP-106	COF-SUP-000	Residual Chlorine (Y/N)	Project No./ Lab I.D.
									Requested Analysis Filtered (Y/N)																									
1	AP2D		WT	G				2	1		1												X									24041541-001
2	G1001		WT	G				2	1		1													X								24041541-002
3	G1003		WT	G				4	1		3													X								24041541-003
4	G101		WT	G				14	6	3	1	3	1										X									24041541-004
5	G102		WT	G				15	6	3	2	3	1										X					X					24041541-005
6	G103		WT	G				15	6	3	2	3	1										X					X					24041541-006
7	G105		WT	G				15	6	3	2	3	1										X					X					24041541-007
8	G106		WT	G				15	6	3	2	3	1										X					X					24041541-008
9	G107		WT	G	5-3-24	0920		14	6	3	1	3	1										X										24041541-009
10	G108		WT	G				14	6	3	1	3	1										X										24041541-010
11	G109		WT	G				14	6	3	1	3	1										X										24041541-011
12	G110		WT	G				14	6	3	1	3	1										X										24041541-012
13	G111		WT	G				14	6	3	1	3	1										X										24041541-013
14	G119		WT	G				14	6	3	1	3	1										X										24041541-014
15	G120		WT	G				14	6	3	1	3	1										X										24041541-015
16	G121		WT	G				14	6	3	1	3	1										X										24041541-016

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
COF-24Q2 Rev 1		5-3	1148		5/3/24	1148	5.6 °C; Y; N

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Justin Cole

SIGNATURE of SAMPLER: DATE Signed (MM/DD/YY): 5-3-24

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

96651/89660 Q175 m 5/3

24041541

CHAIN-OF-CUSTODY / Analytical Request Document

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Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company:	Vistra Corp-Coffeen	Report To:	Brian Voelker	Attention:	Jason Stuckey
Address:	134 CIPS Lane	Copy To:	Sam Davies-samantha.davies@vistracorp.com	Company Name:	Vistra Corp
	Coffeen, IL 62017		John Romang - John.Romang@vistracorp.com Scott Bell- Michael.Bell@vistracorp.com	Address:	see Section A
Email To:	Brian.Voelker@VistraCorp.com	Purchase Order No.:		Quote Reference:	
Phone:	(217) 753-8911 Fax	Project Name:		Project Manager:	
Requested Due Date/TAT:	10 day	Project Number:	2285	Profile #:	

REGULATORY AGENCY

NPDES GROUND WATER DRINKING WATER
UST RCRA OTHER

Site Location STATE: IL

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

ITEM #	Section D Required Client Information: SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Requested Analysis Filtered (Y/N) Y/N	[Analysis Test] COF-257-101	COF-257-102	COF-257-103	COF-257-104	COF-257-105	COF-811-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104	COF-WPCP-102	COF-WPCP-103-104	COF-WPCP-106	COF-SUP-000	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	G122	WT	G				14	6	3	1	3	1										X									24041541-017
2	G123	WT	G				14	6	3	1	3	1										X									24041541-018
3	G124	WT	G				14	6	3	1	3	1										X									24041541-019
4	G125	WT	G				14	6	3	1	3	1										X									24041541-020
5	G126	WT	G	5-3-24	0953		14	6	3	1	3	1										X									24041541-021
6	G151	WT	G				4	2		1		1																X			24041541-022
7	G152	WT	G				4	2		1		1																X			24041541-023
8	G153	WT	G				4	2		1		1																X			24041541-024
9	G154	WT	G				5	2		2		1														X		X			24041541-025
10	G155	WT	G				4	2		1		1																X			24041541-026
11	G200	WT	G				6	2	1	2		1							X						X			X			24041541-027
12	G206	WT	G				6	2	1	2		1							X						X			X			24041541-028
13	G206D	WT	G				2	1		1									X						X			X			24041541-029
14	G207	WT	G				6	2	1	2		1																X			24041541-030
15	G208	WT	G				6	2	1	2		1																X			24041541-031
16	G209	WT	G				6	2	1	2		1							X						X			X			24041541-032

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS	Y	N	
COF-24Q2 Rev 1		5-3	1148		5/3/24	1148				
							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 Cole

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 5-3-24

CHAIN-OF-CUSTODY / Analytical Request Document

24041541

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Section A Required Client Information:	Section B Required Project Information:	Section C Invoice Information:
Company: Vistra Corp-Coffeen	Report To: Brian Voelker	Attention: Jason Stuckey
Address: 134 CIPS Lane	Copy To: Sam Davies-samantha.davies@vistracorp.com	Company Name: Vistra Corp
Coffeen, IL 62017	John Romang - John.Romang@vistracorp.com Scott Bell- Michael.Bell@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	COF-257-101	COF-257-102	COF-257-103	COF-257-104	COF-257-105	COF-811-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104	COF-WPCP-102	COF-WPCP-103-104	COF-WPCP-106	COF-SUP-000	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	G210		WT	G				6	2	1	2		1														X				24041541-033
2	G211		WT	G				6	2	1	2		1														X				24041541-034
3	G212		WT	G				6	2	1	2		1						X						X		X				24041541-035
4	G213		WT	G				6	2	1	2		1						X						X		X				24041541-036
5	G214		WT	G				6	2	1	2		1														X				24041541-037
6	G215		WT	G				6	2	1	2		1						X						X		X				24041541-038
7	G216		WT	G				6	2	1	2		1														X				24041541-039
8	G217		WT	G				6	2	1	2		1						X						X		X				24041541-040
9	G218		WT	G				6	2	1	2		1						X						X		X				24041541-041
10	G219		WT	G				2	1		1																		X		24041541-104
11	G220		WT	G				2	1		1																		X		24041541-105
12	G270		WT	G				6	2	1	2		1							X		X			X		X	X	X			24041541-042
13	G271		WT	G				6	2	1	2		1									X					X				24041541-043
14	G272		WT	G				6	2	1	2		1									X					X				24041541-044
15	G273		WT	G				6	2	1	2		1									X					X				24041541-045
16	G274		WT	G				6	2	1	2		1														X				24041541-046

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
COF-24Q2 Rev 1		5/3	1148		5/3/24	1148	

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):				

24041541

CHAIN-OF-CUSTODY / Analytical Request Document

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

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Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company:	Vistra Corp-Coffeen	Report To:	Brian Voelker	Attention:	Jason Stuckey
Address:	134 CIPS Lane	Copy To:	Sam Davies-samantha.davies@vistracorp.com	Company Name:	Vistra Corp
	Coffeen, IL 62017		John Romang - John.Romang@vistracorp.com Scott Bell- Michael.Bell@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: COF-257-101	COF-257-102	COF-257-103	COF-257-104	COF-257-105	COF-811-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104	COF-WPCP-102	COF-WPCP-103-104	COF-WPCP-106	COF-SUP-000	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	G275		WT	G				6	2	1	2		1							X					X		X			24041541-047
2	G275D		WT	G				2	1		1									X					X					24041541-048
3	G276		WT	G				6	2	1	2		1							X					X		X			24041541-049
4	G277		WT	G				6	2	1	2		1							X					X		X			24041541-050
5	G278		WT	G				6	2	1	2		1														X			24041541-051
6	G279		WT	G	5-3-24	9:40		6	2	1	2		1							X					X	X	X			24041541-052
7	G280		WT	G	~~5-3-24~~	~~9:40~~		6	2	1	2		1					X		X				X		X	X	X			24041541-053
8	G281		WT	G	5-3-24	1027		4	1		2		1				X	X					X	X			X				24041541-054
9	G283		WT	G				2	1		1									X					X					24041541-055
10	G284		WT	G				2	1		1									X					X					24041541-056
11	G285		WT	G				2	1		1									X					X					24041541-057
12	G301		WT	G				2	1		1						X						X								24041541-058
13	G302		WT	G				2	1		1						X						X								24041541-059
14	G303		WT	G				2	1		1						X						X								24041541-060
15	G305		WT	G				2	1		1						X						X								24041541-061
16	G306		WT	G				2	1		1						X						X								24041541-062

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS	Y	N	
COF-24Q2 Rev 1		5-3	1148		5/3/24	1148				

SAMPLER NAME AND SIGNATURE			Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER:	Justin Colp					
SIGNATURE of SAMPLER:		DATE Signed (MM/DD/YY): 5-3-24				

24041541

CHAIN-OF-CUSTODY / Analytical Request Document

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Section A Required Client Information:	Section B Required Project Information:	Section C Invoice Information:
Company: Vistra Corp-Coffeen	Report To: Brian Voelker	Attention: Jason Stuckey
Address: 134 CIPS Lane	Copy To: Sam Davies-samantha.davies@vistracorp.com	Company Name: Vistra Corp
Coffeen, IL 62017	John Romang - John.Romang@vistracorp.com Scott Bell- Michael.Bell@vistracorp.com	Address: see Section A
Email To: Brian.Voelker@VistraCorp.com	Purchase Order No.:	Quote Reference:
Phone: (217) 753-8911 Fax:	Project Name:	Project Manager:
Requested Due Date/TAT: 10 day	Project Number: 2285	Profile #:

REGULATORY AGENCY

NPDES GROUND WATER DRINKING WATER
UST RCRA OTHER

Site Location STATE: IL

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

ITEM #	Section D Required Client Information: SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Requested Analysis Filtered (Y/N) Y/N	Analysis Test: COF-257-101	COF-257-102	COF-257-103	COF-257-104	COF-257-105	COF-811-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104	COF-WPCP-102	COF-WPCP-103-104	COF-WPCP-106	COF-SUP-000	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	G307	WT	G				2	1		1							X						X								24041541-063
2	G307D	WT	G				2	1		1							X						X								24041541-064
3	G308	WT	G				2	1		1							X						X								24041541-065
4	G310	WT	G	5/3/24	955		2	1		1							X						X								24041541-066
5	G312	WT	G				2	1		1							X						X								24041541-067
6	G313	WT	G				2	1		1							X						X								24041541-068
7	G314	WT	G				2	1		1							X						X								24041541-069
8	G314D	WT	G				2	1		1							X						X								24041541-070
9	G315	WT	G				2	1		1							X						X								24041541-071
10	G316	WT	G				2	1		1							X						X								24041541-072
11	G401	WT	G				4	1		2		1						X							X			X				24041541-073
12	G402	WT	G				4	1		2		1						X							X			X				24041541-074
13	G403	WT	G				4	1		2		1						X							X			X				24041541-075
14	G404	WT	G				4	1		2		1						X							X			X				24041541-076
15	G405	WT	G				4	1		2		1						X							X			X				24041541-077
16	G406	WT	G				4	1		2		1						X							X			X				24041541-078

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
COF-24Q2 Rev 1		5/3	1148		5/3/24	1148	

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):				

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CHAIN-OF-CUSTODY / Analytical Request Document

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Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company:	Vistra Corp-Coffeen	Report To:	Brian Voelker	Attention:	Jason Stuckey
Address:	134 CIPS Lane	Copy To:	Sam Davies-samantha.davies@vistracorp.com	Company Name:	Vistra Corp
	Coffeen, IL 62017		John Romang - John.Romang@vistracorp.com Scott Bell- Michael.Bell@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)	COF-257-101	COF-257-102	COF-257-103	COF-257-104	COF-257-105	COF-811-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104	COF-WPCP-102	COF-WPCP-103-104	COF-WPCP-106	COF-SUP-000	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	G407	WT	G				4	1		2		1						X						X			X					24041541-079
2	G410	WT	G				4	1		2		1															X					24041541-080
3	G411	WT	G				4	1		2		1															X					24041541-081
4	L203	WT	G				18	9	4	1	3	1											X									24041541-082
5	NE Riser	WT	G				0												X						X							24041541-083
6	R104	WT	G				15	6	3	2	3	1											X					X				24041541-084
7	R201	WT	G				6	2	1	2		1							X						X			X				24041541-085
8	R205	WT	G				6	2	1	2		1																X				24041541-086
9	SG-02	WT	G				0										X	X					X	X								24041541-087
10	SG-03	WT	G				0										X	X					X	X								24041541-088
11	T127	WT	G				14	6	3	1	3	1										X										24041541-089
12	T128	WT	G				14	6	3	1	3	1										X										24041541-090
13	X201	WT	G				2	1		1										X						X						24041541-091
14	XPW01	WT	G				2	1		1													X									24041541-092
15	XPW02	WT	G				2	1		1													X									24041541-093
16	XSG-01	WT	G				0										X						X									24041541-094

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION		DATE	TIME	SAMPLE CONDITIONS			
COF-24Q2 Rev 1		5/3	1148			5/3/24	1148		Y	N	

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

CHAIN-OF-CUSTODY / Analytical Request Document

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Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company:	Vistra Corp-Coffeen	Report To:	Brian Voelker	Attention:	Jason Stuckey
Address:	134 CIPS Lane	Copy To:	Sam Davies-samantha.davies@vistracorp.com	Company Name:	Vistra Corp
	Coffeen, IL 62017		John Romang - John.Romang@vistracorp.com Scott Bell- Michael.Bell@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)

Section D Required Client Information

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

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

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Y/N	Analysis Test: COF-257-101	COF-257-102	COF-257-103	COF-257-104	COF-257-105	COF-811-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104	COF-WPCP-102	COF-WPCP-103-104	COF-WPCP-106	COF-SUP-000	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	Field Blank	WT	G				21	10	5	2	3	1					X	X	X	X	X	X	X	X	X	X	X	X	X	X		24041541-095
2	G102 Duplicate	WT	G				15	6	3	2	3	1										X						X				24041541-096
3	G200 Duplicate	WT	G				6	2	1	2		1							X						X			X				24041541-097
4	G273 Duplicate	WT	G				6	2	1	2		1								X						X		X				24041541-098
5	G301 Duplicate	WT	G				2	1		1							X						X									24041541-099
6	R201 Duplicate	WT	G				6	2	1	2		1								X					X			X				24041541-100
7	Equipment Blank 1	WT	G				21	10	5	2	3	1					X	X	X	X	X	X	X	X	X	X	X	X	X	X		24041541-101
8	Equipment Blank 2	WT	G				21	10	5	2	3	1					X	X	X	X	X	X	X	X	X	X	X	X	X	X		24041541-102
9	Equipment Blank 3	WT	G				21	10	5	2	3	1					X	X	X	X	X	X	X	X	X	X	X	X	X	X		24041541-103
10																																
11																																
12																																
13																																
14																																
15																																
16																																

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS	Y	N	
COF-24Q2 Rev 1		5/3	1148		5/3/24	1148				
Blanks: filter upon arrival at the lab for dissolved parameters.							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):

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CHAIN-OF-CUSTODY / Analytical Request Document

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Page: 1 of 7

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company:	Vistra Corp-Coffeen	Report To:	Brian Voelker	Attention:	Jason Stuckey
Address:	134 CIPS Lane	Copy To:	Sam Davies-samantha.davies@vistracorp.com	Company Name:	Vistra Corp
	Coffeen, IL 62017		John Romang - John.Romang@vistracorp.com Scott Bell- Michael.Bell@vistracorp.com	Address:	see Section A
Email To:	Brian.Voelker@VistraCorp.com	Purchase Order No.:		Quote Reference:	
Phone:	(217) 753-8911 Fax:	Project Name:		Project Manager:	
Requested Due Date/TAT:	10 day	Project Number:	2285	Profile #:	

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

Site Location STATE: IL

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

ITEM #	Section D Required Client Information: SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Y/N	Analysis Test: COF-257-101	COF-257-102	COF-257-103	COF-257-104	COF-257-105	COF-811-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104	COF-WPCP-102	COF-WPCP-103-104	COF-WPCP-106	COF-SUP-000	Residual Chlorine (Y/N)	Project No./ Lab I.D.
								Requested Analysis Filtered (Y/N)																									
1	AP2D	WT	G				2	1		1														X							24041541-001
2	G1001	WT	G	5-6-24	dry		2	1		1								X						X							24041541-002
3	G1003	WT	G				4	1		3								X						X						X	24041541-003
4	G101	WT	G				14	6	3	1	3	1											X									24041541-004
5	G102	WT	G				15	6	3	2	3	1											X					X				24041541-005
6	G103	WT	G				15	6	3	2	3	1											X					X				24041541-006
7	G105	WT	G				15	6	3	2	3	1											X					X				24041541-007
8	G106	WT	G				15	6	3	2	3	1											X					X				24041541-008
9	G107	WT	G				14	6	3	1	3	1											X									24041541-009
10	G108	WT	G				14	6	3	1	3	1											X									24041541-010
11	G109	WT	G				14	6	3	1	3	1											X									24041541-011
12	G110	WT	G				14	6	3	1	3	1											X									24041541-012
13	G111	WT	G				14	6	3	1	3	1											X									24041541-013
14	G119	WT	G				14	6	3	1	3	1											X									24041541-014
15	G120	WT	G				14	6	3	1	3	1											X									24041541-015
16	G121	WT	G				14	6	3	1	3	1											X									24041541-016

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)
COF-24Q2 Rev 1	Daniel Camp	5/6		Nick Reed	5/6/24	1642	12.9	Y	N	
		5/6	1642				12.5			

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Brett Gillihan

SIGNATURE of SAMPLER: Brett Gillihan DATE Signed (MM/DD/YY): 5-6-24

pH WNL 8/16/24 SM.

Added HNO_3 (92606) to G-285 & G-302

PS 5/7

Per Brett Gillihan, G1003 is dry not G1001. SM 5/8/24

CHAIN-OF-CUSTODY / Analytical Request Document

24041541

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-Coffeen
Address:	134 CIPS Lane
	Coffeen, IL 62017
Email To:	Brian.Voelker@VistraCorp.com
Phone: (217) 753-8911	Fax:
Requested Due Date/TAT:	10 day

Section B Required Project Information:

Report To:	Brian Voelker
Copy To:	Sam Davies-samantha.davies@vistracorp.com
	John Romang - John.Romang@vistracorp.com
	Scott Bell- Michael.Bell@vistracorp.com
Purchase Order No.:	
Project Name:	
Project Number:	2285

Section C Invoice Information:

Attention:	Jason Stuckey
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)	COF-257-101	COF-257-102	COF-257-103	COF-257-104	COF-257-105	COF-811-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104	COF-WPCP-102	COF-WPCP-103-104	COF-WPCP-106	COF-SUP-000	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	G122	WT	G				14	6	3	1	3	1										X										24041541-017
2	G123	WT	G				14	6	3	1	3	1										X										24041541-018
3	G124	WT	G				14	6	3	1	3	1										X										24041541-019
4	G125	WT	G				14	6	3	1	3	1										X										24041541-020
5	G126	WT	G				14	6	3	1	3	1										X										24041541-021
6	G151	WT	G				4	2		1		1																	X			24041541-022
7	G152	WT	G				4	2		1		1																	X			24041541-023
8	G153	WT	G				4	2		1		1																	X			24041541-024
9	G154	WT	G				5	2		2		1															X		X			24041541-025
10	G155	WT	G				4	2		1		1																	X			24041541-026
11	G200	WT	G				6	2	1	2		1							X						X			X				24041541-027
12	G206	WT	G				6	2	1	2		1							X						X			X				24041541-028
13	G206D	WT	G				2	1		1									X						X			X				24041541-029
14	G207	WT	G				6	2	1	2		1																X				24041541-030
15	G208	WT	G				6	2	1	2		1																X				24041541-031
16	G209	WT	G				6	2	1	2		1							X						X			X				24041541-032

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
COF-24Q2 Rev 1	Daniel Crump	5/6	1642	Nicole Real	5/6/24	1642

SAMPLE CONDITIONS

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

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER:

SIGNATURE of SAMPLER: DATE Signed (MM/DD/YY):

24041541

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-Coffeen	Report To:	Brian Voelker	Attention:	Jason Stuckey
Address:	134 CIPS Lane	Copy To:	Sam Davies-samantha.davies@vistracorp.com	Company Name:	Vistra Corp
	Coffeen, IL 62017		John Romang - John.Romang@vistracorp.com Scott Bell- Michael.Bell@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	COF-257-101	COF-257-102	COF-257-103	COF-257-104	COF-257-105	COF-811-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104	COF-WPCP-102	COF-WPCP-103-104	COF-WPCP-106	COF-SUP-000	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	G210	WT	G				6	2	1	2		1															X				24041541-033
2	G211	WT	G				6	2	1	2		1															X				24041541-034
3	G212	WT	G				6	2	1	2		1							X						X		X				24041541-035
4	G213	WT	G	5-6-24	1429		6	2	1	2		1							X						X		X				24041541-036
5	G214	WT	G				6	2	1	2		1															X				24041541-037
6	G215	WT	G				6	2	1	2		1							X						X		X				24041541-038
7	G216	WT	G				6	2	1	2		1															X				24041541-039
8	G217	WT	G				6	2	1	2		1							X						X		X				24041541-040
9	G218	WT	G				6	2	1	2		1							X						X		X				24041541-041
10	G219	WT	G				2	1		1																			X		24041541-104
11	G220	WT	G				2	1		1																			X		24041541-105
12	G270	WT	G				6	2	1	2		1						X		X				X		X	X	X				24041541-042
13	G271	WT	G				6	2	1	2		1								X						X		X				24041541-043
14	G272	WT	G				6	2	1	2		1								X						X		X				24041541-044
15	G273	WT	G				6	2	1	2		1								X						X		X				24041541-045
16	G274	WT	G				6	2	1	2		1														X						24041541-046

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS	Y	N	
COF-24Q2 Rev 1	Daniel Crump	5/6	1642	Mark Reed	5/6/24	1642				
							Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Brett Grillivan

SIGNATURE of SAMPLER: Brett Grillivan DATE Signed (MM/DD/YY): 5-6-24

24041541

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-Coffeen
Address:	134 CIPS Lane
	Coffeen, IL 62017
Email To:	Brian.Voelker@VistraCorp.com
Phone: (217) 753-8911	Fax:
Requested Due Date/TAT:	10 day

Section B Required Project Information:

Report To:	Brian Voelker
Copy To:	Sam Davies-samantha.davies@vistracorp.com
	John Romang - John.Romang@vistracorp.com
	Scott Bell- Michael.Bell@vistracorp.com
Purchase Order No.:	
Project Name:	
Project Number:	2285

Section C Invoice Information:

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

REGULATORY AGENCY

NPDES GROUND WATER DRINKING WATER
UST RCRA OTHER

Site Location STATE: IL

Section D Required Client Information

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

Valid Matrix Codes

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

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Y/N	Analysis Test: COF-257-101	COF-257-102	COF-257-103	COF-257-104	COF-257-105	COF-811-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104	COF-WPCP-102	COF-WPCP-103-104	COF-WPCP-106	COF-SUP-000	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	G275	WT	G				6	2	1	2		1								X						X		X				24041541-047
2	G275D	WT	G				2	1		1										X						X						24041541-048
3	G276	WT	G				6	2	1	2		1								X						X		X				24041541-049
4	G277	WT	G				6	2	1	2		1								X						X		X				24041541-050
5	G278	WT	G				6	2	1	2		1																X				24041541-051
6	G279	WT	G				6	2	1	2		1								X						X	X	X				24041541-052
7	G280	WT	G	5-6-24	1407		6	2	1	2		1						X		X				X		X	X	X				24041541-053
8	G281	WT	G				4	1		2		1					X	X						X	X			X				24041541-054
9	G283	WT	G	5-6-24	1100		2	1		1										X						X						24041541-055
10	G284	WT	G	5-6-24	1136		2	1		1										X						X						24041541-056
11	G285	WT	G	5-6-24	1222		2	1		1										X						X						24041541-057
12	G301	WT	G	5/1/24	1028		2	1		1							X							X								24041541-058
13	G302	WT	G	5/1/24	1154		2	1		1							X							X								24041541-059
14	G303	WT	G				2	1		1							X							X								24041541-060
15	G305	WT	G				2	1		1							X							X								24041541-061
16	G306	WT	G				2	1		1							X							X								24041541-062

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
COF-24Q2 Rev 1	Daniel Crump	5-6	1642	Mindy Reed	5/6/24	1642

SAMPLE CONDITIONS: Y / N

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Justin Colp

SIGNATURE of SAMPLER: Justin Colp

DATE Signed (MM/DD/YY): 5-6-24

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

24041541

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-Coffeen	Report To:	Brian Voelker	Attention:	Jason Stuckey
Address:	134 CIPS Lane	Copy To:	Sam Davies-samantha.davies@vistracorp.com	Company Name:	Vistra Corp
	Coffeen, IL 62017		John Romang - John.Romang@vistracorp.com Scott Bell- Michael.Bell@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 Y/N	COF-257-101	COF-257-102	COF-257-103	COF-257-104	COF-257-105	COF-811-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104	COF-WPCP-102	COF-WPCP-103-104	COF-WPCP-106	COF-SUP-000	Residual Chlorine (Y/N)	Project No./ Lab I.D.
								Requested Analysis Filtered (Y/N)																										
1	G307	WT	G				2	1		1							X						X									24041541-063
2	G307D	WT	G				2	1		1							X						X									24041541-064
3	G308	WT	G				2	1		1							X						X									24041541-065
4	G310	WT	G				2	1		1							X						X									24041541-066
5	G312	WT	G	5/6/24	1379		2	1		1							X						X									24041541-067
6	G313	WT	G				2	1		1							X						X									24041541-068
7	G314	WT	G				2	1		1							X						X									24041541-069
8	G314D	WT	G				2	1		1							X						X									24041541-070
9	G315	WT	G				2	1		1							X						X									24041541-071
10	G316	WT	G				2	1		1							X						X									24041541-072
11	G401	WT	G				4	1		2		1						X							X			X					24041541-073
12	G402	WT	G	5-6-24	1200		4	1		2		1						X							X			X					24041541-074
13	G403	WT	G	5-6-24	1028		4	1		2		1						X							X			X					24041541-075
14	G404	WT	G	5-6-24	1244		4	1		2		1						X							X			X					24041541-076
15	G405	WT	G	5-6-24	1313		4	1		2		1						X							X			X					24041541-077
16	G406	WT	G	5-6-24	1105		4	1		2		1						X							X			X					24041541-078

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
COF-24Q2 Rev 1	Daniel Camp	5-6	1642		5/6/24	1642	

SAMPLER NAME AND SIGNATURE					
PRINT Name of SAMPLER:	Justin Camp		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): 5-6-24				

24041541

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-Coffeen	Report To:	Brian Voelker	Attention:	Jason Stuckey
Address:	134 CIPS Lane	Copy To:	Sam Davies-samantha.davies@vistracorp.com	Company Name:	Vistra Corp
	Coffeen, IL 62017		John Romang - John.Romang@vistracorp.com Scott Bell- Michael.Bell@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	COF-257-101	COF-257-102	COF-257-103	COF-257-104	COF-257-105	COF-811-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104	COF-WPCP-102	COF-WPCP-103-104	COF-WPCP-106	COF-SUP-000	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	G407		WT	G				4	1		2		1							X						X					24041541-079
2	G410		WT	G				4	1		2		1													X					24041541-080
3	G411		WT	G				4	1		2		1													X					24041541-081
4	L203		WT	G				18	9	4	1	3	1											X								24041541-082
5	NE Riser		WT	G				0													X											24041541-083
6	R104		WT	G				15	6	3	2	3	1											X				X				24041541-084
7	R201		WT	G				6	2	1	2		1								X							X				24041541-085
8	R205		WT	G				6	2	1	2		1															X				24041541-086
9	SG-02		WT	G				0											X	X					X	X						24041541-087
10	SG-03		WT	G				0											X	X					X	X						24041541-088
11	T127		WT	G	5/6/24	1502		14	6	3	1	3	1										X									24041541-089
12	T128		WT	G				14	6	3	1	3	1										X									24041541-090
13	X201		WT	G				2	1		1											X					X					24041541-091
14	XPW01		WT	G				2	1		1													X								24041541-092
15	XPW02		WT	G				2	1		1													X								24041541-093
16	XSG-01		WT	G				0											X						X								24041541-094

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
COF-24Q2 Rev 1	Daniel Crump	5/6	1642	Trina Reed	5/6/24	1642

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

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Brett Gilliham

SIGNATURE of SAMPLER: Brett Gilliham

DATE Signed (MM/DD/YY): 5-6-24

24041541

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:

Company:	Vistra Corp-Coffeen
Address:	134 CIPS Lane
	Coffeen, IL 62017
Email To:	Brian.Voelker@VistraCorp.com
Phone: (217) 753-8911	Fax:
Requested Due Date/TAT:	10 day

Section B Required Project Information:

Report To:	Brian Voelker
Copy To:	Sam Davies-samantha.davies@vistracorp.com
	John Romang - John.Romang@vistracorp.com Scott Bell- Michael.Bell@vistracorp.com
Purchase Order No.:	
Project Name:	
Project Number:	2285

Section C Invoice Information:

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

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

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Requested Analysis Filtered (Y/N) Y/N	Analysis Test	COF-257-101	COF-257-102	COF-257-103	COF-257-104	COF-257-105	COF-811-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104	COF-WPCP-102	COF-WPCP-103-104	COF-WPCP-106	COF-SUP-000	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	Field Blank	WT	G				21	10	5	2	3	1						X	X	X	X	X	X	X	X	X	X	X	X	X	X		24041541-095
2	G102 Duplicate	WT	G				15	6	3	2	3	1												X					X				24041541-096
3	G200 Duplicate	WT	G				6	2	1	2		1								X							X		X				24041541-097
4	G273 Duplicate	WT	G				6	2	1	2		1									X						X		X				24041541-098
5	G301 Duplicate	WT	G	5/6/24	1028		2	1		1								X						X									24041541-099
6	R201 Duplicate	WT	G				6	2	1	2		1									X					X		X						24041541-100
7	Equipment Blank 1	WT	G				21	10	5	2	3	1						X	X	X	X	X	X	X	X	X	X	X	X	X	X		24041541-101
8	Equipment Blank 2	WT	G				21	10	5	2	3	1						X	X	X	X	X	X	X	X	X	X	X	X	X	X		24041541-102
9	Equipment Blank 3	WT	G				21	10	5	2	3	1						X	X	X	X	X	X	X	X	X	X	X	X	X	X		24041541-103
10																																	
11																																	
12																																	
13																																	
14																																	
15																																	
16																																	

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
COF-24Q2 Rev 1	Daniel Gump	5/6	1642	Mark Reed	5/6/24	1642	

Blanks: filter upon arrival at the lab for dissolved parameters.

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Bret Gillihan

SIGNATURE of SAMPLER: Bret Gillihan

DATE Signed (MM/DD/YY): 5-6-24

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

24041541

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-Coffeen	Report To:	Brian Voelker	Attention:	Jason Stuckey
Address:	134 CIPS Lane	Copy To:	Sam Davies-samantha.davies@vistracorp.com	Company Name:	Vistra Corp
	Coffeen, IL 62017		John Romang - John.Romang@vistracorp.com Scott Bell- Michael.Bell@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	COF-257-101	COF-257-102	COF-257-103	COF-257-104	COF-257-105	COF-811-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104	COF-WPCP-102	COF-WPCP-103-104	COF-WPCP-106	COF-SUP-000	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	AP2D	WT	G				2	1		1													X								24041541-001
2	G1001	WT	G	5/7/24	1016		2	1		1								X					X								24041541-002
3	G1003	WT	G				4	1		3								X					X						X		24041541-003
4	G101	WT	G				14	6	3	1	3	1										X									24041541-004
5	G102	WT	G				15	6	3	2	3	1										X						X				24041541-005
6	G103	WT	G				15	6	3	2	3	1										X						X				24041541-006
7	G105	WT	G				15	6	3	2	3	1										X						X				24041541-007
8	G106	WT	G				15	6	3	2	3	1										X						X				24041541-008
9	G107	WT	G				14	6	3	1	3	1										X										24041541-009
10	G108	WT	G				14	6	3	1	3	1										X										24041541-010
11	G109	WT	G				14	6	3	1	3	1										X										24041541-011
12	G110	WT	G				14	6	3	1	3	1										X										24041541-012
13	G111	WT	G				14	6	3	1	3	1										X										24041541-013
14	G119	WT	G				14	6	3	1	3	1										X										24041541-014
15	G120	WT	G				14	6	3	1	3	1										X										24041541-015
16	G121	WT	G				14	6	3	1	3	1										X										24041541-016

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
COF-24Q2 Rev 1	Daniel Camp	5/7	1602		5/7/24	1602	7	Y	N	
							4.7°C			

SAMPLER NAME AND SIGNATURE		Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER:	Tracy Claxel				
SIGNATURE of SAMPLER:		DATE Signed (MM/DD/YY): 5/7/24			

pH/96651/89680

LH 5/7

Added HNO_3 (97600)to G1001 & G276

CHAIN-OF-CUSTODY / Analytical Request Document

24041541

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-Coffeen	Report To:	Brian Voelker	Attention:	Jason Stuckey
Address:	134 CIPS Lane	Copy To:	Sam Davies-samantha.davies@vistracorp.com	Company Name:	Vistra Corp
	Coffeen, IL 62017		John Romang - John.Romang@vistracorp.com Scott Bell- Michael.Bell@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	COF-257-101	COF-257-102	COF-257-103	COF-257-104	COF-257-105	COF-811-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104	COF-WPCP-102	COF-WPCP-103-104	COF-WPCP-106	COF-SUP-000	Residual Chlorine (Y/N)	Project No./ Lab I.D.
								Requested Analysis Filtered (Y/N)																									
1	G122	WT	G				14	6	3	1	3	1										X										24041541-017
2	G123	WT	G	5-7-24	1001		14	6	3	1	3	1										X										24041541-018
3	G124	WT	G				14	6	3	1	3	1										X										24041541-019
4	G125	WT	G				14	6	3	1	3	1										X										24041541-020
5	G126	WT	G				14	6	3	1	3	1										X										24041541-021
6	G151	WT	G				4	2		1		1																	X			24041541-022
7	G152	WT	G	5-7-24	1028		4	2		1		1																	X			24041541-023
8	G153	WT	G				4	2		1		1																	X			24041541-024
9	G154	WT	G				5	2		2		1															X		X			24041541-025
10	G155	WT	G				4	2		1		1																	X			24041541-026
11	G200	WT	G	5-7-24	1253		6	2	1	2		1							X						X			X				24041541-027
12	G206	WT	G				6	2	1	2		1							X						X			X				24041541-028
13	G206D	WT	G				2	1		1									X						X			X				24041541-029
14	G207	WT	G	5-7-24	1146		6	2	1	2		1																X				24041541-030
15	G208	WT	G				6	2	1	2		1																X				24041541-031
16	G209	WT	G				6	2	1	2		1							X						X			X				24041541-032

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
COF-24Q2 Rev 1	Daniel Crump	5-7	1602		5/7/24	1602	

SAMPLER NAME AND SIGNATURE						
PRINT Name of SAMPLER:	Justin Cole					
SIGNATURE of SAMPLER:		DATE Signed (MM/DD/YY):	5-7-24	Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)

24041541

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-Coffeen	Report To:	Brian Voelker	Attention:	Jason Stuckey
Address:	134 CIPS Lane	Copy To:	Sam Davies-samantha.davies@vistracorp.com	Company Name:	Vistra Corp
	Coffeen, IL 62017		John Romang - John.Romang@vistracorp.com Scott Bell- Michael.Bell@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)	COF-257-101	COF-257-102	COF-257-103	COF-257-104	COF-257-105	COF-811-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104	COF-WPCP-102	COF-WPCP-103-104	COF-WPCP-106	COF-SUP-000	Residual Chlorine (Y/N)	Project No./ Lab I.D.
								Requested Analysis Filtered (Y/N)																								
1	G210	WT	G				6	2	1	2		1																X			24041541-033
2	G211	WT	G				6	2	1	2		1																X			24041541-034
3	G212	WT	G				6	2	1	2		1							X						X			X			24041541-035
4	G213	WT	G				6	2	1	2		1							X						X			X			24041541-036
5	G214	WT	G				6	2	1	2		1																X			24041541-037
6	G215	WT	G				6	2	1	2		1							X						X			X			24041541-038
7	G216	WT	G				6	2	1	2		1																X			24041541-039
8	G217	WT	G				6	2	1	2		1							X						X			X			24041541-040
9	G218	WT	G				6	2	1	2		1							X						X			X			24041541-041
10	G219	WT	G	5-7-24	1110		2	1		1																			X		24041541-104
11	G220	WT	G	5-7-24	1208		2	1		1																			X		24041541-105
12	G270	WT	G				6	2	1	2		1						X		X				X		X	X	X				24041541-042
13	G271	WT	G				6	2	1	2		1								X						X		X				24041541-043
14	G272	WT	G				6	2	1	2		1								X						X		X				24041541-044
15	G273	WT	G				6	2	1	2		1								X						X		X				24041541-045
16	G274	WT	G				6	2	1	2		1																X				24041541-046

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS	Y	N	
COF-24Q2 Rev 1	Daniel Camp	5-7	1602		5/7/24	1602				

SAMPLER NAME AND SIGNATURE					
PRINT Name of SAMPLER:	Justin Camp		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): 5-7-24				

24041541

CHAIN-OF-CUSTODY / Analytical Request Document

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Section A Required Client Information:

Company:	Vistra Corp-Coffeen
Address:	134 CIPS Lane
	Coffeen, IL 62017
Email To:	Brian.Voelker@VistraCorp.com
Phone: (217) 753-8911	Fax:
Requested Due Date/TAT:	10 day

Section B Required Project Information:

Report To:	Brian Voelker
Copy To:	Sam Davies-samantha.davies@vistracorp.com
	John Romang - John.Romang@vistracorp.com
	Scott Bell- Michael.Bell@vistracorp.com
Purchase Order No.:	
Project Name:	
Project Number:	2285

Section C Invoice Information:

Attention:	Jason Stuckey
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	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	COF-257-101	COF-257-102	COF-257-103	COF-257-104	COF-257-105	COF-811-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104	COF-WPCP-102	COF-WPCP-103-104	COF-WPCP-106	COF-SUP-000	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	G275	WT	G				6	2	1	2		1								X						X		X				24041541-047
2	G275D	WT	G				2	1		1										X						X						24041541-048
3	G276	WT	G	5/7/24	1145		6	2	1	2		1								X						X		X				24041541-049
4	G277	WT	G	5-7-24	0940		6	2	1	2		1								X						X		X				24041541-050
5	G278	WT	G	5/7/24	1331		6	2	1	2		1																X				24041541-051
6	G279	WT	G				6	2	1	2		1								X						X	X	X				24041541-052
7	G280	WT	G				6	2	1	2		1						X		X				X		X	X	X				24041541-053
8	G281	WT	G				4	1		2		1					X	X					X	X			X					24041541-054
9	G283	WT	G				2	1		1										X						X						24041541-055
10	G284	WT	G				2	1		1										X						X						24041541-056
11	G285	WT	G				2	1		1										X						X						24041541-057
12	G301	WT	G				2	1		1							X						X									24041541-058
13	G302	WT	G				2	1		1							X						X									24041541-059
14	G303	WT	G				2	1		1							X						X									24041541-060
15	G305	WT	G				2	1		1							X						X									24041541-061
16	G306	WT	G				2	1		1							X						X									24041541-062

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
COF-24Q2 Rev 1	Daniel Crump	5-7	1602	Paul Gatley	5/7/24	1602	

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Justin Colp

SIGNATURE of SAMPLER: Justin Colp DATE Signed (MM/DD/YY): 5-7-24

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

24041541

CHAIN-OF-CUSTODY / Analytical Request Document

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Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company:	Vistra Corp-Coffeen	Report To:	Brian Voelker	Attention:	Jason Stuckey
Address:	134 CIPS Lane	Copy To:	Sam Davies-samantha.davies@vistracorp.com	Company Name:	Vistra Corp
	Coffeen, IL 62017		John Romang - John.Romang@vistracorp.com Scott Bell- Michael.Bell@vistracorp.com	Address:	see Section A
Email To:	Brian.Voelker@VistraCorp.com	Purchase Order No.:		Quote Reference:	
Phone:	(217) 753-8911 Fax:	Project Name:		Project Manager:	
Requested Due Date/TAT:	10 day	Project Number:	2285	Profile #:	

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

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

ITEM #	Section D Required Client Information: SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Requested Analysis Filtered (Y/N) Y/N	Analysis Test: COF-257-101	COF-257-102	COF-257-103	COF-257-104	COF-257-105	COF-811-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104	COF-WPCP-102	COF-WPCP-103-104	COF-WPCP-106	COF-SUP-000	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	G307	WT	G				2	1		1							X						X								24041541-063
2	G307D	WT	G				2	1		1							X						X								24041541-064
3	G308	WT	G				2	1		1							X						X								24041541-065
4	G310	WT	G				2	1		1							X						X								24041541-066
5	G312	WT	G				2	1		1							X						X								24041541-067
6	G313	WT	G				2	1		1							X						X								24041541-068
7	G314	WT	G				2	1		1							X						X								24041541-069
8	G314D	WT	G				2	1		1							X						X								24041541-070
9	G315	WT	G				2	1		1							X						X								24041541-071
10	G316	WT	G				2	1		1							X						X								24041541-072
11	G401	WT	G				4	1		2		1						X						X			X					24041541-073
12	G402	WT	G				4	1		2		1						X						X			X					24041541-074
13	G403	WT	G				4	1		2		1						X						X			X					24041541-075
14	G404	WT	G				4	1		2		1						X						X			X					24041541-076
15	G405	WT	G				4	1		2		1						X						X			X					24041541-077
16	G406	WT	G				4	1		2		1						X						X			X					24041541-078

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
COF-24Q2 Rev 1	Daniel Comp	5/7	1602	Paul Gilley	5/7/24	1600

SAMPLE CONDITIONS	Y	N	

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

24041541

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:

Company:	Vistra Corp-Coffeen
Address:	134 CIPS Lane
	Coffeen, IL 62017
Email To:	Brian.Voelker@VistraCorp.com
Phone: (217) 753-8911	Fax:
Requested Due Date/TAT:	10 day

Section B Required Project Information:

Report To:	Brian Voelker
Copy To:	Sam Davies-samantha.davies@vistracorp.com
	John Romang - John.Romang@vistracorp.com
	Scott Bell- Michael.Bell@vistracorp.com
Purchase Order No.:	
Project Name:	
Project Number:	2285

Section C Invoice Information:

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

REGULATORY AGENCY

NPDES GROUND WATER DRINKING WATER
UST RCRA OTHER

Site Location STATE: IL

Section D Required Client Information

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

Valid Matrix Codes

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

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Y/N	Analysis Test: COF-257-101	COF-257-102	COF-257-103	COF-257-104	COF-257-105	COF-811-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104	COF-WPCP-102	COF-WPCP-103-104	COF-WPCP-106	COF-SUP-000	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	G407	WT	G				4	1		2		1						X						X			X					24041541-079
2	G410	WT	G				4	1		2		1															X					24041541-080
3	G411	WT	G				4	1		2		1															X					24041541-081
4	L203	WT	G				18	9	4	1	3	1												X								24041541-082
5	NE Riser	WT	G				0												X							X						24041541-083
6	R104	WT	G				15	6	3	2	3	1												X				X				24041541-084
7	R201	WT	G	5-7-24	1243		6	2	1	2		1							X						X			X				24041541-085
8	R205	WT	G	5-7-24	1320		6	2	1	2		1																X				24041541-086
9	SG-02	WT	G				0										X	X					X	X								24041541-087
10	SG-03	WT	G				0										X	X					X	X								24041541-088
11	T127	WT	G				14	6	3	1	3	1										X										24041541-089
12	T128	WT	G				14	6	3	1	3	1										X										24041541-090
13	X201	WT	G	5-7-24	1325		2	1		1										X						X						24041541-091
14	XPW01	WT	G	5-7-24	1355		2	1		1													X									24041541-092
15	XPW02	WT	G				2	1		1													X									24041541-093
16	XSG-01	WT	G				0										X						X									24041541-094

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
COF-24Q2 Rev 1	Daniel Crump	5-7	1602	Paul Bailey	5/7/24	1602	

SAMPLER NAME AND SIGNATURE					
PRINT Name of SAMPLER:	Justin Colp				
SIGNATURE of SAMPLER:		DATE Signed (MM/DD/YY):	5-7-24		

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

24041541

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-Coffeen	Report To:	Brian Voelker	Attention:	Jason Stuckey
Address:	134 CIPS Lane	Copy To:	Sam Davies-samantha.davies@vistracorp.com	Company Name:	Vistra Corp
	Coffeen, IL 62017		John Romang - John.Romang@vistracorp.com Scott Bell- Michael.Bell@vistracorp.com	Address:	see Section A
Email To:	Brian.Voelker@VistraCorp.com	Purchase Order No.:		Quote Reference:	
Phone:	(217) 753-8911 Fax:	Project Name:		Project Manager:	
Requested Due Date/TAT:	10 day	Project Number:	2285	Profile #:	

REGULATORY AGENCY

NPDES | GROUND WATER | DRINKING WATER
UST | RCRA | OTHER

Site Location STATE: IL

Requested Analysis Filtered (Y/N)

ITEM #	Section D Required Client Information: SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Y/N	Analysis Test: COF-257-101	COF-257-102	COF-257-103	COF-257-104	COF-257-105	COF-811-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104	COF-WPCP-102	COF-WPCP-103-104	COF-WPCP-106	COF-SUP-000	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	Field Blank	WT	G				21	10	5	2	3	1					X	X	X	X	X	X	X	X	X	X	X	X	X	X		24041541-095
2	G102 Duplicate	WT	G				15	6	3	2	3	1										X						X				24041541-096
3	G200 Duplicate	WT	G	5-7-24	1253		6	2	1	2		1							X						X			X				24041541-097
4	G273 Duplicate	WT	G				6	2	1	2		1								X						X		X				24041541-098
5	G301 Duplicate	WT	G				2	1		1							X						X									24041541-099
6	R201 Duplicate	WT	G	5-7-24	1245		6	2	1	2		1								X					X			X				24041541-100
7	Equipment Blank 1	WT	G				21	10	5	2	3	1					X	X	X	X	X	X	X	X	X	X	X	X	X	X		24041541-101
8	Equipment Blank 2	WT	G				21	10	5	2	3	1					X	X	X	X	X	X	X	X	X	X	X	X	X	X		24041541-102
9	Equipment Blank 3	WT	G				21	10	5	2	3	1					X	X	X	X	X	X	X	X	X	X	X	X	X	X		24041541-103
10																																
11																																
12																																
13																																
14																																
15																																
16																																

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

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
COF-24Q2 Rev 1	Daniel Camp	5-7	1602	Paul Clark	5/7/24	1602	Y / N
Blanks: filter upon arrival at the lab for dissolved parameters.							

SAMPLER NAME AND SIGNATURE			Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER:	Justin Colp					
SIGNATURE of SAMPLER:		DATE Signed (MM/DD/YY): 5-7-24				

CHAIN-OF-CUSTODY / Analytical Request Document

24041541

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Page: 1 of 7

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company:	Vistra Corp-Coffeen	Report To:	Brian Voelker	Attention:	Jason Stuckey
Address:	134 CIPS Lane	Copy To:	Sam Davies-samantha.davies@vistracorp.com	Company Name:	Vistra Corp
	Coffeen, IL 62017		John Romang - John.Romang@vistracorp.com Scott Bell- Michael.Bell@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: COF-257-101	COF-257-102	COF-257-103	COF-257-104	COF-257-105	COF-811-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104	COF-WPCP-102	COF-WPCP-103-104	COF-WPCP-106	COF-SUP-000	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	AP2D		WT	G	5-8-24	952		2	1		1												X								24041541-001
2	G1001		WT	G				2	1		1											X									24041541-002
3	G1003		WT	G				4	1		3											X							X		24041541-003
4	G101		WT	G				14	6	3	1	3	1											X							24041541-004
5	G102		WT	G				15	6	3	2	3	1											X				X			24041541-005
6	G103		WT	G				15	6	3	2	3	1											X				X			24041541-006
7	G105		WT	G				15	6	3	2	3	1											X				X			24041541-007
8	G106		WT	G				15	6	3	2	3	1											X				X			24041541-008
9	G107		WT	G				14	6	3	1	3	1											X							24041541-009
10	G108		WT	G				14	6	3	1	3	1											X							24041541-010
11	G109		WT	G				14	6	3	1	3	1											X							24041541-011
12	G110		WT	G				14	6	3	1	3	1											X							24041541-012
13	G111		WT	G				14	6	3	1	3	1											X							24041541-013
14	G119		WT	G				14	6	3	1	3	1											X							24041541-014
15	G120		WT	G				14	6	3	1	3	1											X							24041541-015
16	G121		WT	G				14	6	3	1	3	1											X							24041541-016

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
COF-24Q2 Rev 1	Brett Gillihan	5-8-24	1348	Brian Mell	5/8/24	1348	

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): 5-8-24				

QHS Added HNO_3 (97737) to sample L285 + FB. Added H_2SO_4 (97586) to 96651/89660 sample FB.

24041541

CHAIN-OF-CUSTODY / Analytical Request Document

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Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company:	Vistra Corp-Coffeen	Report To:	Brian Voelker	Attention:	Jason Stuckey
Address:	134 CIPS Lane	Copy To:	Sam Davies-samantha.davies@vistracorp.com	Company Name:	Vistra Corp
	Coffeen, IL 62017		John Romang - John.Romang@vistracorp.com Scott Bell- Michael.Bell@vistracorp.com	Address:	see Section A
Email To:	Brian.Voelker@VistraCorp.com	Purchase Order No.:		Quote Reference:	
Phone:	(217) 753-8911 Fax:	Project Name:		Project Manager:	
Requested Due Date/TAT:	10 day	Project Number:	2285	Profile #:	

REGULATORY AGENCY

NPDES GROUND WATER DRINKING WATER

UST RCRA OTHER

Site Location STATE: IL

Section D Required Client Information

Valid Matrix Codes

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

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

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Y/N	Analysis Test: COF-257-101	COF-257-102	COF-257-103	COF-257-104	COF-257-105	COF-811-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104	COF-WPCP-102	COF-WPCP-103-104	COF-WPCP-106	COF-SUP-000	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	G210	WT	G				6	2	1	2		1															X				24041541-033
2	G211	WT	G				6	2	1	2		1															X				24041541-034
3	G212	WT	G				6	2	1	2		1							X						X		X				24041541-035
4	G213	WT	G				6	2	1	2		1							X						X		X				24041541-036
5	G214	WT	G				6	2	1	2		1															X				24041541-037
6	G215	WT	G				6	2	1	2		1							X						X		X				24041541-038
7	G216	WT	G				6	2	1	2		1															X				24041541-039
8	G217	WT	G				6	2	1	2		1							X						X		X				24041541-040
9	G218	WT	G				6	2	1	2		1							X						X		X				24041541-041
10	G219	WT	G				2	1		1																				X		24041541-104
11	G220	WT	G				2	1		1																				X		24041541-105
12	G270	WT	G	5-8-24	940		6	2	1	2		1						X		X				X		X	X	X				24041541-042
13	G271	WT	G				6	2	1	2		1								X						X		X				24041541-043
14	G272	WT	G				6	2	1	2		1								X						X		X				24041541-044
15	G273	WT	G				6	2	1	2		1								X						X		X				24041541-045
16	G274	WT	G				6	2	1	2		1																X				24041541-046

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
COF-24Q2 Rev 1		5-8-24	13:45		5/8/24	1345	

SAMPLER NAME AND SIGNATURE					
PRINT Name of SAMPLER:	Bret Gilliken				
SIGNATURE of SAMPLER:		DATE Signed (MM/DD/YY):	5-8-24		

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

CHAIN-OF-CUSTODY / Analytical Request Document

24041541

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Page: 6 of 7

Section A Required Client Information:	Section B Required Project Information:	Section C Invoice Information:
Company: Vistra Corp-Coffeen	Report To: Brian Voelker	Attention: Jason Stuckey
Address: 134 CIPS Lane	Copy To: Sam Davies-samantha.davies@vistracorp.com	Company Name: Vistra Corp
Coffeen, IL 62017	John Romang - John.Romang@vistracorp.com Scott Bell- Michael.Bell@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	COF-257-101	COF-257-102	COF-257-103	COF-257-104	COF-257-105	COF-811-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104	COF-WPCP-102	COF-WPCP-103-104	COF-WPCP-106	COF-SUP-000	Residual Chlorine (Y/N)	Project No./ Lab I.D.
								Requested Analysis Filtered (Y/N)																									
1	G407	WT	G				4	1		2		1						X						X			X					24041541-079
2	G410	WT	G				4	1		2		1															X					24041541-080
3	G411	WT	G				4	1		2		1															X					24041541-081
4	L203	WT	G	5-8-24	1111		18	9	4	1	3	1											X									24041541-082
5	NE Riser	WT	G				0												X						X							24041541-083
6	R104	WT	G				15	6	3	2	3	1											X					X					24041541-084
7	R201	WT	G				6	2	1	2		1							X						X			X					24041541-085
8	R205	WT	G				6	2	1	2		1																X					24041541-086
9	SG-02	WT	G				0										X	X					X	X								24041541-087
10	SG-03	WT	G				0										X	X					X	X								24041541-088
11	T127	WT	G				14	6	3	1	3	1										X										24041541-089
12	T128	WT	G				14	6	3	1	3	1										X										24041541-090
13	X201	WT	G				2	1		1											X					X						24041541-091
14	XPW01	WT	G				2	1		1													X									24041541-092
15	XPW02	WT	G	5-8-24	1049		2	1		1													X									24041541-093
16	XSG-01	WT	G				0										X						X									24041541-094

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
COF-24Q2 Rev 1	Brett Gillicker	5-9-24	1348	Mich Bell	5/8/24	1348	

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 Gillicker				
SIGNATURE of SAMPLER: Brett Gillicker DATE Signed (MM/DD/YY): 5-8-24				

24041541

CHAIN-OF-CUSTODY / Analytical Request Document

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Page: 7 of 7

Section A Required Client Information:

Company:	Vistra Corp-Coffeen
Address:	134 CIPS Lane
	Coffeen, IL 62017
Email To:	Brian.Voelker@VistraCorp.com
Phone: (217) 753-8911	Fax:
Requested Due Date/TAT:	10 day

Section B Required Project Information:

Report To:	Brian Voelker
Copy To:	Sam Davies-samantha.davies@vistracorp.com
	John Romang - John.Romang@vistracorp.com
	Scott Bell- Michael.Bell@vistracorp.com
Purchase Order No.:	
Project Name:	
Project Number:	2285

Section C Invoice Information:

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

REGULATORY AGENCY

NPDES GROUND WATER DRINKING WATER
UST RCRA OTHER

Site Location STATE: IL

Section D Required Client Information

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

Valid Matrix Codes

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

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N	Requested Analysis Filtered (Y/N): COF-257-101	COF-257-102	COF-257-103	COF-257-104	COF-257-105	COF-811-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104	COF-WPCP-102	COF-WPCP-103-104	COF-WPCP-106	COF-SUP-000	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	Field Blank	WT	G	5/8/24	1130		21	10	5	2	3	1					X	X	X	X	X	X	X	X	X	X	X	X	X	X		24041541-095
2	G102 Duplicate	WT	G				15	6	3	2	3	1										X					X					24041541-096
3	G200 Duplicate	WT	G				6	2	1	2		1							X						X			X				24041541-097
4	G273 Duplicate	WT	G				6	2	1	2		1								X						X		X				24041541-098
5	G301 Duplicate	WT	G				2	1		1							X						X									24041541-099
6	R201 Duplicate	WT	G				6	2	1	2		1								X					X			X				24041541-100
7	Equipment Blank 1	WT	G	5-8-24	1124		21	10	5	2	3	1					X	X	X	X	X	X	X	X	X	X	X	X	X	X		24041541-101
8	Equipment Blank 2	WT	G				21	10	5	2	3	1					X	X	X	X	X	X	X	X	X	X	X	X	X	X		24041541-102
9	Equipment Blank 3	WT	G				21	10	5	2	3	1					X	X	X	X	X	X	X	X	X	X	X	X	X	X		24041541-103
10																																
11																																
12																																
13																																
14																																
15																																
16																																

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
COF-24Q2 Rev 1	Brett Gillinan	5-8-24	1313	Trish Reed	5/8/24	1348	

Blanks: filter upon arrival at the lab for dissolved parameters.

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 Gillinan			Y	N	
SIGNATURE of SAMPLER:	Brett Gillinan	DATE Signed (MM/DD/YY): 5-8-24				

Field Blank date/time per Brett Gillinan. Um 5/8/24 BJP

Site Samping Event: Coffeen- 2Q24
LIMS Workorder: 24041541
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Summary
Coffeen- 2Q 2024

			Weather				Well Condition				
WO Sample	**Well ID**	**Program/ Sample Type**	**Temp (°F)**	**Precipitation**	**Wind Direction**	**Sky**	**Well Pad**	**Casing**	**Protective Cover**	**Reference Mark/ ID**	**Well Locked**
001	AP2D	Groundwater Sample	71.0	None	SE	Partly cloudy	Good	Good	Good	Yes	Yes
002	G1001	Groundwater Sample	68.0	None	N	Partly cloudy	Good	Good	Good	Yes	Yes
003	G1003	Groundwater Sample	70.0	None	NW	Cloudy	Good	Good	Good	Yes	Yes
004	G101	Groundwater Sample	75.0	None	S	Partly cloudy	Good	Good	Good	Yes	Yes
005	G102	Groundwater Sample	76.0	None	S	Partly cloudy	Good	Good	Good	Yes	Yes
006	G103	Groundwater Sample	78.0	None	S	Partly cloudy	Good	Good	Good	Yes	Yes
007	G105	Groundwater Sample	82.0	None	S	Partly cloudy	Good	Good	Good	Yes	Yes
008	G106	Groundwater Sample	82.0	None	S	Partly cloudy	Good	Good	Good	Yes	Yes
009	G107	Groundwater Sample	67.0	None	N	Partly cloudy	Good	Good	Good	Yes	Yes
010	G108	Groundwater Sample	71.0	None	W	Cloudy	Good	Good	Good	Yes	Yes
011	G109	Groundwater Sample	70.0	None	W	Cloudy	Good	Good	Good	Yes	Yes
012	G110	Groundwater Sample	76.0	None	S	Clear	Good	Good	Good	Yes	Yes
013	G111	Groundwater Sample	76.0	None	S	Clear	Good	Good	Good	Yes	Yes
014	G119	Groundwater Sample	76.0	None	W	Clear	Good	Good	Good	Yes	Yes
015	G120	Groundwater Sample	77.0	None	NW	Clear	Good	Good	Good	Yes	Yes
016	G121	Groundwater Sample	78.0	None	NW	Clear	Good	Good	Good	Yes	Yes
017	G122	Groundwater Sample	78.0	None	NW	Clear	Good	Good	Good	Yes	Yes
018	G123	Groundwater Sample	69.0	None	N	Partly cloudy	Good	Good	Good	Yes	Yes
019	G124	Groundwater Sample	78.0	None	NW	Clear	Good	Good	Good	Yes	Yes
020	G125	Groundwater Sample	72.0	None	SE	Clear	Good	Good	Good	Yes	Yes
021	G126	Groundwater Sample	68.0	None	N	Partly cloudy	Good	Good	Good	Yes	Yes
022	G151	Groundwater Sample	65.0	None	SE	Clear	Good	Good	Good	Yes	Yes
023	G152	Groundwater Sample	71.0	None	N	Partly cloudy	Good	Good	Good	Yes	Yes
024	G153	Groundwater Sample	73.0	None	S	Clear	Good	Good	Good	Yes	Yes
025	G154	Groundwater Sample	72.0	None	SE	Clear	Good	Good	Good	Yes	Yes
026	G155	Groundwater Sample	67.0	None	SE	Clear	Good	Good	Good	Yes	Yes
027	G200	Groundwater Sample	74.0	None	SW	Cloudy	Good	Good	Good	Yes	Yes
028	G206	Groundwater Sample	70.0	None	NW	Clear	Good	Good	Good	Yes	Yes
029	G206D	Groundwater Sample	64.0	None	NW	Clear	Good	Good	Good	Yes	Yes
030	G207	Groundwater Sample	73.0	None	NE	Partly cloudy	Good	Good	Good	Yes	Yes
031	G208	Groundwater Sample	71.0	None	NW	Clear	Good	Good	Good	Yes	Yes
032	G209	Groundwater Sample	74.0	None	NE	Clear	Good	Good	Good	Yes	Yes
033	G210	Groundwater Sample	72.0	None	E	Clear	Good	Good	Good	Yes	Yes
034	G211	Groundwater Sample	71.0	None	E	Clear	Good	Good	Good	Yes	Yes
035	G212	Groundwater Sample	70.0	None	E	Clear	Good	Good	Good	Yes	Yes

Site Samping Event: Coffeen- 2Q24
LIMS Workorder: 24041541
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Summary
Coffeen- 2Q 2024

			Weather				Well Condition				
WO Sample	**Well ID**	**Program/ Sample Type**	**Temp (°F)**	**Precipitation**	**Wind Direction**	**Sky**	**Well Pad**	**Casing**	**Protective Cover**	**Reference Mark/ ID**	**Well Locked**
036	G213	Groundwater Sample	70.0	None	E	Clear	Good	Good	Good	Yes	Yes
037	G214	Groundwater Sample	76.0	None	NW	Clear	Good	Good	Good	Yes	Yes
038	G215	Groundwater Sample	74.0	None	NW	Clear	Good	Good	Good	Yes	Yes
039	G216	Groundwater Sample	72.0	None	NW	Clear	Good	Good	Good	Yes	Yes
040	G217	Groundwater Sample	81.0	None	N	Clear	Good	Good	Good	Yes	Yes
041	G218	Groundwater Sample	78.0	None	N	Partly cloudy	Good	Good	Good	Yes	Yes
042	G270	Groundwater Sample	70.0	None	N	Clear	Good	Good	Good	Yes	Yes
043	G271	Groundwater Sample	78.0	None	NE	Partly cloudy	Good	Good	Good	Yes	Yes
044	G272	Groundwater Sample	77.0	None	NE	Partly cloudy	Good	Good	Good	Yes	Yes
045	G273	Groundwater Sample	76.0	None	NE	Partly cloudy	Good	Good	Good	Yes	Yes
046	G274	Groundwater Sample	79.0	None	NW	Partly cloudy	Good	Good	Good	Yes	Yes
047	G275	Groundwater Sample	73.0	None	N	Clear	Good	Good	Good	Yes	Yes
048	G275D	Groundwater Sample	71.0	None	N	Clear	Good	Good	Good	Yes	Yes
049	G276	Groundwater Sample	70.0	None	N	Partly cloudy	Good	Good	Good	Yes	Yes
050	G277	Groundwater Sample	68.0	None	S	Cloudy	Good	Good	Good	Yes	Yes
051	G278	Groundwater Sample	72.0	None	N	Cloudy	Good	Good	Good	Yes	Yes
052	G279	Groundwater Sample	67.0	None	NE	Cloudy	Good	Good	Good	Yes	Yes
053	G280	Groundwater Sample	70.0	None	SE	Cloudy	Good	Good	Good	Yes	Yes
054	G281	Groundwater Sample	69.0	None	N	Cloudy	Good	Good	Good	Yes	Yes
055	G283	Groundwater Sample	63.0	Light	W	Cloudy	Good	Good	Good	Yes	Yes
056	G284	Groundwater Sample	65.0	None	W	Cloudy	Good	Good	Good	Yes	Yes
057	G285	Groundwater Sample	67.0	None	NW	Cloudy	Good	Good	Good	Yes	Yes
058	G301	Groundwater Sample	65.0	None	SW	Cloudy	Good	Good	Good	Yes	Yes
059	G302	Groundwater Sample	65.0	None	SW	Cloudy	Good	Good	Good	Yes	Yes
060	G303	Groundwater Sample	77.0	None	NE	Partly cloudy	Good	Good	Good	Yes	Yes
061	G305	Groundwater Sample	76.0	None	NE	Partly cloudy	Good	Good	Good	Yes	Yes
062	G306	Groundwater Sample	75.0	None	NE	Partly cloudy	Good	Good	Good	Yes	Yes
063	G307	Groundwater Sample	77.0	None	N	Partly cloudy	Good	Good	Good	Yes	Yes
064	G307D	Groundwater Sample	75.0	None	N	Partly cloudy	Good	Good	Good	Yes	Yes
065	G308	Groundwater Sample	77.0	None	N	Clear	Good	Good	Good	Yes	Yes
066	G310	Groundwater Sample	73.0	None	N	Clear	Good	Good	Good	Yes	Yes
067	G312	Groundwater Sample	65.0	None	SW	Cloudy	Good	Good	Good	Yes	Yes
068	G313	Groundwater Sample	75.0	None	NE	Clear	Good	Good	Good	Yes	Yes
069	G314	Groundwater Sample	74.0	None	NW	Clear	Good	Good	Good	Yes	Yes
070	G314D	Groundwater Sample	74.0	None	NW	Clear	Good	Good	Good	Yes	Yes

Site Samping Event: Coffeen- 2Q24
LIMS Workorder: 24041541
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Summary
Coffeen- 2Q 2024

			Weather				Well Condition				
WO Sample	**Well ID**	**Program/ Sample Type**	**Temp (°F)**	**Precipitation**	**Wind Direction**	**Sky**	**Well Pad**	**Casing**	**Protective Cover**	**Reference Mark/ ID**	**Well Locked**
071	G315	Groundwater Sample	70.0	None	NE	Clear	Good	Good	Good	Yes	Yes
072	G316	Groundwater Sample	73.0	None	NW	Clear	Good	Good	Good	Yes	Yes
073	G401	Groundwater Sample	83.0	None	NE	Clear	Good	Good	Good	Yes	Yes
074	G402	Groundwater Sample	65.0	None	E	Cloudy	Good	Good	Good	Yes	Yes
075	G403	Groundwater Sample	63.0	None	E	Cloudy	Good	Good	Good	Yes	Yes
076	G404	Groundwater Sample	68.0	None	SE	Cloudy	Good	Good	Good	Yes	Yes
077	G405	Groundwater Sample	69.0	None	SE	Cloudy	Good	Good	Good	Yes	Yes
078	G406	Groundwater Sample	63.0	None	E	Cloudy	Good	Good	Good	Yes	Yes
079	G407	Groundwater Sample	55.0	None	E	Cloudy	Good	Good	Good	Yes	Yes
080	G410	Groundwater Sample	70.0	None	NW	Clear	Good	Good	Good	Yes	Yes
081	G411	Groundwater Sample	55.0	None	E	Cloudy	Good	Good	Good	Yes	Yes
082	L202	Leachate Sample	77.0	None	NW	Cloudy					
083	NE Riser	DTW Only	55.0	None	E	Cloudy					
084	R104	Groundwater Sample	81.0	None	S	Partly cloudy	Good	Good	Good	Yes	Yes
085	R201	Groundwater Sample	74.0	None	NW	Cloudy	Good	Good	Good	Yes	Yes
086	R205	Groundwater Sample	76.0	None	NW	Partly cloudy	Good	Good	Good	Yes	Yes
087	SG-02	DTW Only	55.0	None	E	Cloudy					
088	SG-03	DTW Only	55.0	None	E	Cloudy					
089	T127	Groundwater Sample	65.0	None	SW	Cloudy	Good	Good	Good	Yes	Yes
090	T128	Groundwater Sample	74.0	None	W	Partly cloudy	Good	Good	Good	Yes	Yes
091	X201	Groundwater Sample	76.0	None	SW	Partly cloudy				Yes	
092	XPW01	Groundwater Sample	78.0	None	SW	Partly cloudy	Good	Good	Good	Yes	No
093	XPW02	Groundwater Sample	75.0	None	NE	Cloudy	Good	Good	Good	Yes	Yes
094	XSG-01	DTW Only	55.0	None	E	Cloudy					
095	Field Blank	QA/QC Sample	71.0	None	SE	Partly cloudy					
096	G102 Duplicate	QA/QC Sample	76.0	None	S	Partly cloudy	Good	Good	Good	Yes	Yes
097	G200 Duplicate	QA/QC Sample	74.0	None	SW	Cloudy	Good	Good	Good	Yes	Yes
098	G217 Duplicate	QA/QC Sample	81.0	None	N	Clear	Good	Good	Good	Yes	Yes
099	G301 Duplicate	QA/QC Sample	65.0	None	SW	Cloudy	Good	Good	Good	Yes	Yes
100	R201 Duplicate	QA/QC Sample	74.0	None	NW	Cloudy	Good	Good	Good	Yes	Yes
101	Equipment Blank 1	QA/QC Sample	71.0	None	SE	Partly cloudy					
102	Equipment Blank 2	QA/QC Sample									
103	Equipment Blank 3	QA/QC Sample									
104	G219	Groundwater Sample	70.0	None	S	Partly cloudy	Good	Good	Good	Yes	Yes
105	G220	Groundwater Sample	73.0	None	S	Partly cloudy	Good	Good	Good	Yes	Yes

Site Samping Event: Coffeen- 2Q24
LIMS Workorder: 24041541
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Summary
Coffeen- 2Q 2024

		GW Level Measurement				Purge Activities						
WO Sample	Well ID	Sampler Initials	Date/Time	DTW (ft)	DTB (ft)	Sampler Initials	Purge Date	Purge Start Time	Purge End Time	Purging/Sampling Device	Well Diameter (in)	Purge Rate (mL/min)
001	AP2D	JC	5/8/24 9:18	20.50	35.43	JC	5/8/2024	09:25	09:52	Submersible Pump	4"	370.4
002	G1001	TAC	5/7/24 9:38	5.73	13.79	TAC	5/7/2024	09:42	10:16	Peristaltic Pump	2"	147.1
003	G1003	BG	5/6/24 13:18	11.16	11.16							
004	G101	JC	5/2/24 9:59	3.90	24.30	JC	5/2/2024	09:59	10:22	Bladder Pump	2"	282.6
005	G102	JC	5/2/24 10:41	4.33	20.00	JC	5/2/2024	10:41	11:03	Bladder Pump	2"	272.7
006	G103	JC	5/2/24 11:47	8.89	26.90	JC	5/2/2024	11:47	12:26	Bladder Pump	2"	230.8
007	G105	JC	5/2/24 13:17	8.23	27.70	JC	5/2/2024	13:18	13:30	Bladder Pump	2"	250.0
008	G106	JC	5/2/24 13:58	9.13	25.60	JC	5/2/2024	13:58	14:15	Bladder Pump	2"	235.3
009	G107	JC	5/3/24 9:03	8.61	22.70	JC	5/3/2024	09:05	09:20	Bladder Pump	2"	266.7
010	G108	JC	5/1/24 10:00	8.74	26.60	JC	5/1/2024	10:10	10:36	Bladder Pump	2"	230.8
011	G109	JC	5/1/24 9:33	8.44	26.30	JC	5/1/2024	09:33	09:53	Bladder Pump	2"	250.0
012	G110	JC	4/30/24 14:36	9.30	27.50	JC	4/30/2024	14:36	14:48	Bladder Pump	2"	250.0
013	G111	JC	4/30/24 13:57	9.23	24.30	JC	4/30/2024	13:57	14:11	Bladder Pump	2"	250.0
014	G119	JC	5/1/24 11:38	14.96	27.40	JC	5/1/2024	11:46	12:22	Bladder Pump	2"	250.0
015	G120	JC	5/1/24 12:32	13.99	26.70	JC	5/1/2024	12:35	12:51	Bladder Pump	2"	312.5
016	G121	JC	5/1/24 12:58	13.92	29.10	JC	5/1/2024	13:06	13:21	Bladder Pump	2"	233.3
017	G122	JC	5/1/24 13:25	12.49	26.50	JC	5/1/2024	13:37	13:59	Bladder Pump	2"	227.3
018	G123	BG	5/7/24 9:30	10.84	30.90	BG	5/7/2024	09:30	10:01	Peristaltic Pump	2"	161.3
019	G124	JC	5/1/24 14:15	11.38	26.70	JC	5/1/2024	14:16	14:51	Bladder Pump	2"	200.0
020	G125	JC	5/2/24 9:19	11.12	26.70	JC	5/2/2024	09:20	09:41	Bladder Pump	2"	285.7
021	G126	JC	5/3/24 9:28	8.51	20.40	JC	5/3/2024	09:33	09:53	Bladder Pump	2"	200.0
022	G151	JC	4/30/24 9:51	10.05	23.60	JC	4/30/2024	09:52	10:11	Bladder Pump	2"	210.5
023	G152	BG	5/7/24 10:28	9.34	22.00	BG	5/7/2024	10:28	11:15	Peristaltic Pump	2"	106.4
024	G153	JC	4/30/24 12:19	10.54	23.90	JC	4/30/2024	12:19	12:38	Bladder Pump	2"	210.5
025	G154	JC	4/30/24 11:43	6.54	22.80	JC	4/30/2024	11:43	12:01	Bladder Pump	2"	250.0
026	G155	JC	4/30/24 10:35	9.25	26.20	JC	4/30/2024	10:35	11:21	Bladder Pump	2"	217.4
027	G200	JC	5/7/24 12:23	2.90	20.70	JC	5/7/2024	12:24	12:53	Submersible Pump	2"	275.9
028	G206	BG	4/30/24 10:35	9.69	26.30	BG	4/30/2024	10:35	10:57	Bladder Pump	2"	272.7
029	G206D	BG		29.57		BG	4/30/2024	09:46	10:28	Bladder Pump	2"	214.3
030	G207	BG	5/7/24 11:32	10.25	26.60	BG	5/7/2024	11:32	11:46	Peristaltic Pump	2"	214.3
031	G208	bg	4/30/24 11:12	10.36	26.60	BG	4/30/2024	11:12	11:27	Bladder Pump	2"	113.3
032	G209	BG	5/1/24 11:40	9.64	25.50	BG	5/1/2024	11:40	12:16	Bladder Pump	2"	83.3
033	G210	bg	5/1/24 10:53	9.90	25.00	BG	5/1/2024	10:53	11:27	Bladder Pump	2"	294.1
034	G211	BG	5/1/24 10:02	9.85	26.30	BG	5/1/2024	10:02	10:40	Bladder Pump	2"	171.1
035	G212	BG	5/1/24 9:39	10.30		BG	5/1/2024	09:39	09:52	Bladder Pump	2"	115.4

Site Samping Event: Coffeen- 2Q24
LIMS Workorder: 24041541
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Summary
Coffeen- 2Q 2024

		GW Level Measurement				Purge Activities						
WO Sample	Well ID	Sampler Initials	Date/Time	DTW (ft)	DTB (ft)	Sampler Initials	Purge Date	Purge Start Time	Purge End Time	Purging/Sampling Device	Well Diameter (in)	Purge Rate (mL/min)
036	G213	BG	5/6/24 1359	10.98	26.50	BG	5/6/2024	13:56	14:28	Bladder Pump	2"	140.6
037	G214	BG	4/30/24 13:51	13.98	26.50	BG	4/30/2024	13:51	14:17	Bladder Pump	2"	384.6
038	G215	BG	4/30/24 12:35	13.89	26.90	BG	4/30/2024	12:35	13:19	Bladder Pump	2"	227.3
039	G216	BG	4/30/24 11:42	13.22	28.50	BG	4/30/2024	11:42	12:20	Bladder Pump	2"	223.7
040	G217	BG	5/2/24 12:06	13.75	28.40	BG	5/2/2024	12:06	12:39	Bladder Pump	2"	272.7
041	G218	BG	5/2/24 11:00	12.93	28.50	BG	5/2/2024	11:00	11:47	Bladder Pump	2"	191.5
042	G270	BG	5/8/24 9:26	1.94	20.40	BG	5/8/2024	09:26	09:40	Peristaltic Pump	2"	178.6
043	G271	BG	5/1/24 13:22	8.40	18.70	BG	5/1/2024	13:22	13:37	Bladder Pump	2"	200.0
044	G272	BG	5/1/24 12:44	8.80	17.40	BG	5/1/2024	12:44	13:10	Bladder Pump	2"	173.1
045	G273	BG	5/1/24 12:13	8.65	18.90	BG	5/1/2024	12:13	12:30	Bladder Pump	2"	352.9
046	G274	BG	5/1/24 13:55	12.38	20.40	BG	5/1/2024	13:55	14:21	Bladder Pump	2"	192.3
047	G275	BG	5/2/24 10:18	12.64	15.30	BG	5/2/2024	10:18	10:33	Bladder Pump	2"	133.3
048	G275D	BG	5/2/24 9:23	46.64	62.70	BG	5/2/2024	09:23	09:58	Bladder Pump	2"	85.7
049	G276	TAC	5/7/24 10:53	26.70	30.90	TAC	5/7/2024	11:12	11:45	Peristaltic Pump	2"	151.5
050	G277	JC	5/7/24 9:18	19.56	22.30	JC	5/7/2024	09:18	09:40	Bladder Pump	2"	181.8
051	G278	TAC	5/7/24 12:43	23.97	26.40	TAC	5/7/2024	12:44	13:31	Peristaltic Pump	2"	148.9
052	G279	BG	5/3/24 9:16	21.98	30.80	BG	5/3/2024	09:16	09:40	Bladder Pump	2"	83.3
053	G280	JC	5/6/24 13:35	3.86	20.20	JC	5/6/2024	13:37	14:07	Bladder Pump	2"	200.0
054	G281	JC	5/3/24 10:06	4.24	22.80	JC	5/3/2024	10:06	10:27	Bladder Pump	2"	238.1
055	G283	BG	5/6/24 10:19	4.18	20.80	BG	5/6/2024	10:19	10:59	Bladder Pump	2"	137.5
056	G284	BG	5/6/24 11:14	10.00	16.30	BG	5/6/2024	11:14	11:36	Bladder Pump	2"	181.8
057	G285	BG	5/6/24 11:52	4.80	26.80	BG	5/6/2024	11:52	12:22	Bladder Pump	2"	166.7
058	G301	TAC	5/6/24 9:55	6.18	18.60	TAC	5/6/2024	09:59	10:28	Bladder Pump	2"	206.9
059	G302	TAC	5/6/24 11:21	5.52	20.50	TAC	5/6/2024	11:21	11:54	Bladder Pump	2"	265.2
060	G303	TAC	5/1/24 10:17	3.69	23.30	TAC	5/1/2024	10:17	10:49	Bladder Pump	2"	140.6
061	G305	TAC	5//1 14:13	6.04	21.50	TAC	5/1/2024	14:14	14:41	Bladder Pump	2"	259.3
062	G306	TAC	5/1/24 12:59	5.42	20.90	TAC	5/1/2024	13:00	13:47	Bladder Pump	2"	255.3
063	G307	TAC	5/2/24 12:28	0.00	20.60	TAC	5/2/2024	13:30	14:32	Peristaltic Pump	2"	161.3
064	G307D	TAC	5/2/24 11:09	2.83	62.00	TAC	5/2/2024	11:10	11:35	Bladder Pump	2"	260.0
065	G308	TAC	5/2/24 12:26	4.12	18.20	TAC	5/2/2024	12:27	12:53	Bladder Pump	2"	192.3
066	G310	TAC	5/2/24 9:24	7.23	18.40	TAC	5/3/2024	09:25	09:55	Bladder Pump	2"	233.3
067	G312	TAC	5/6/24 12:37	10.18	17.80	TAC	5/6/2024	12:38	13:29	Bladder Pump	2"	215.7
068	G313	TAC	5/1/24 11:47	3.01	14.30	TAC	5/1/2024	11:48	12:13	Bladder Pump	2"	360.0
069	G314	TAC	4/30/24 13:35	5.48	22.80	TAC	4/30/2024	13:36	14:13	Bladder Pump	2"	162.2
070	G314D	TAC	4/30/24 12:24	5.82	52.30	TAC	4/30/2024	12:25	13:07	Bladder Pump	2"	166.7

Site Samping Event: Coffeen- 2Q24
LIMS Workorder: 24041541
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Summary
Coffeen- 2Q 2024

		GW Level Measurement				Purge Activities						
WO Sample	**Well ID**	**Sampler Initials**	**Date/Time**	**DTW (ft)**	**DTB (ft)**	**Sampler Initials**	**Purge Date**	**Purge Start Time**	**Purge End Time**	**Purging/Sampling Device**	**Well Diameter (in)**	**Purge Rate (mL/min)**
071	G315	TAC	5/2/24 10:03	2.34	17.40	TAC	5/2/2024	10:04	10:31	Bladder Pump	2"	166.7
072	G316	TAC	4/30/24 11:21	10.95	18.10	TAC	4/30/2024	11:22	11:56	Bladder Pump	2"	264.7
073	G401	BG	5/2/24 13:44	20.94	21.80	BG	5/2/2024	13:44	14:06	Bladder Pump	2"	136.4
074	G402	JC	5/6/24 11:27	8.74	23.40	JC	5/6/2024	11:27	12:00	Bladder Pump	2"	212.1
075	G403	JC	5/6/24 10:13	6.26	20.80	JC	5/6/2024	10:15	10:28	Bladder Pump	2"	230.8
076	G404	JC	5/6/24 12:32	3.80	14.10	JC	5/6/2024	12:32	12:44	Bladder Pump	2"	250.0
077	G405	JC	5/6/24 12:59	6.05	16.40	JC	5/6/2024	13:00	13:13	Bladder Pump	2"	230.8
078	G406	JC	5/6/24 10:48	10.24	22.30	JC	5/6/2024	10:48	11:05	Bladder Pump	2"	235.3
079	G407	TAC	4/29/24 14:09	4.27	23.00	TAC	4/29/2024	14:10	14:52	Bladder Pump	2"	190.5
080	G410	TAC	4/30/24 10:05	6.21	16.70	TAC	4/30/2024	10:06	10:36	Bladder Pump	2"	400.0
081	G411	TAC	4/29/24 12:40	4.33	19.20	TAC	4/29/2024	12:41	13:11	Bladder Pump	2"	250.0
082	L202	-	-	-	-	BG	5/8/2024	11:11	11:11	Direct Grab		-
083	NE Riser	BG	4/29/24 13:04	1.05	-							
084	R104	JC	5/2/24 12:42	6.85	22.70	JC	5/2/2024	12:42	13:00	Bladder Pump	2"	222.2
085	R201	BG	5/7/24 12:13	2.59	22.20	BG	5/7/2024	12:13	12:43	Peristaltic Pump	2"	100.0
086	R205	BG	5/7/24 13:20	4.29	19.00	BG	5/7/2024	13:20	13:46	Peristaltic Pump	2"	115.4
087	SG-02	JC	4/29/24 15:29	6.68								
088	SG-03	JC	4/29/24 10:27	7.94								
089	T127	TAC	5/6/24 14:09	13.81	21.28	TAC	5/6/2024	14:31	15:06	Peristaltic Pump	2"	228.6
090	T128	JC	5/1/24 10:59	13.83	28.70	JC	5/1/2024	10:59	11:31	Bladder Pump	2"	218.8
091	X201	-	-	-		JC	5/7/2024	13:25	13:25	Direct Grab		
092	XPW01	JC	5/7/24 13:35	4.63	16.10	JC	5/7/2024	13:38	13:55	Bladder Pump	2"	235.3
093	XPW02	BG	5/8/24 10:24	9.87	21.30	BG	5/8/2024	10:24	10:49	Bladder Pump	2"	180.0
094	XSG-01	JC	4/29/24 11:10	7.94								
095	Field Blank											
096	G102 Duplicate	JC	5/2/24 10:41	4.33	20.00	JC	5/2/2024	10:41	11:03	Bladder Pump	2"	272.7
097	G200 Duplicate	JC	5/7/24 12:23	2.90	20.70	JC	5/7/2024	12:24	12:53	Submersible Pump	2"	275.9
098	G217 Duplicate	BG	5/2/24 12:06	13.75	28.40	BG	5/2/2024	12:06	12:39	Bladder Pump	2"	272.7
099	G301 Duplicate	TAC	5/6/24 9:55	6.18	18.60	TAC	5/6/2024	09:59	10:28	Bladder Pump	2"	206.9
100	R201 Duplicate	BG	5/7/24 12:13	2.59	22.20	BG	5/7/2024	12:13	12:43	Peristaltic Pump	2"	100.0
101	Equipment Blank 1											
102	Equipment Blank 2											
103	Equipment Blank 3											
104	G219	JC	5/7/24 10:40	6.45	18.52	JC	5/7/2024	10:43	11:10	Submersible Pump	2"	333.3
105	G220	JC	5/7/24 11:35	12.10	27.91	JC	5/7/2024	11:37	12:08	Submersible Pump	2"	387.1

Site Samping Event: Coffeen- 2Q24
LIMS Workorder: 24041541
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Summary
Coffeen- 2Q 2024

WO Sample	Well ID	Sampling Activities and Observations										
		Sampler Initials	Date	Time	Sampling Method	Instrument ID	Field Filtered	Appearance	Odor	Color	Post-Sample DTW (ft)	Drawdown (ft)
001	AP2D	JC	05/08/24	09:52	Low Flow	218083	No	Clear	Moderate	lt rust	20.50	0
002	G1001	TAC	05/07/24	10:16	Low Flow	45986	No	Clear	None	None	8.11	2.38
003	G1003											
004	G101	JC	05/02/24	10:22	Low Flow	218083	Yes	Slightly cloudy	None	none	3.90	0
005	G102	JC	05/02/24	11:03	Low Flow	218083	Yes	Clear	None	none	4.33	0
006	G103	JC	05/02/24	12:26	Low Flow	218083	Yes	Clear	None	none	10.65	1.76
007	G105	JC	05/02/24	13:30	Low Flow	218083	Yes	Clear	None	none	8.23	0
008	G106	JC	05/02/24	14:15	Low Flow	218083	Yes	Clear	None	none	10.10	0.97
009	G107	JC	05/03/24	09:20	Low Flow	218083	Yes	Clear	None	none	9.33	0.72
010	G108	JC	05/01/24	10:36	Low Flow	218083	Yes	Clear	None	none	8.74	0
011	G109	JC	05/01/24	09:53	Low Flow	218083	Yes	Clear	None	none	8.44	0
012	G110	JC	04/30/24	14:48	Low Flow	218083	Yes	Clear	None	none	9.30	0
013	G111	JC	04/30/24	14:11	Low Flow	218083	Yes	Clear	None	none	9.23	0
014	G119	JC	05/01/24	12:22	Low Flow	218083	Yes	Clear	None	none	14.96	0
015	G120	JC	05/01/24	12:51	Low Flow	218083	Yes	Clear	None	none	16.41	2.42
016	G121	JC	05/01/24	13:21	Low Flow	218083	Yes	Clear	None	none	16.30	2.38
017	G122	JC	05/01/24	13:59	Low Flow	218083	Yes	Clear	None	none	13.75	1.26
018	G123	BG	05/07/24	10:01	Low Flow	26559	Yes	Clear	None	LT BROWN	12.15	1.31
019	G124	JC	05/01/24	14:51	Low Flow	218083	Yes	Clear	None	none	12.44	1.06
020	G125	JC	05/02/24	09:41	Low Flow	218083	Yes	Clear	None	none	11.12	0
021	G126	JC	05/03/24	09:53	Low Flow	218083	Yes	Clear	None	none	8.51	0
022	G151	JC	04/30/24	10:11	Low Flow	218083	Yes	Clear	None	none	10.05	0
023	G152	BG	05/07/24	11:15	Low Flow	26559	Yes	Clear	None	CLEAR	13.03	3.69
024	G153	JC	04/30/24	12:38	Low Flow	218083	Yes	Clear	None	none	13.09	2.55
025	G154	JC	04/30/24	12:01	Low Flow	218083	Yes	Clear	None	none	6.54	0
026	G155	JC	04/30/24	11:21	Low Flow	218083	Yes	Clear	None	none	9.25	0
027	G200	JC	05/07/24	12:53	Low Flow	218083	Yes	Slightly cloudy	Slight	none	2.98	0.08
028	G206	BG	04/30/24	10:57	Low Flow	26559	Yes	Clear	None	Lt Yellow	17.76	8.07
029	G206D	BG	04/30/24	10:28	Low Flow	26559	No	Clear	None	CLEAR	34.67	5.1
030	G207	BG	05/07/24	11:46	Low Flow	26559	Yes	Clear	None	CLEAR	10.76	0.51
031	G208	BG	04/30/24	11:27	Low Flow	26559	Yes	Clear	None	CLEAR	10.36	0
032	G209	BG	05/01/24	12:16	Low Flow	26559	Yes	Clear	Slight	Clear	10.73	1.09
033	G210	BG	05/01/24	11:27	Low Flow	26559	Yes	Clear	None	Clear	10.89	
034	G211	BG	05/01/24	10:40	Low Flow	26559	Yes	Clear	None	CLEAR	11.16	1.31
035	G212	BG	05/01/24	09:52	Low Flow	26559	Yes	Clear	None	CLEAR	10.98	0.68

Site Samping Event: Coffeen- 2Q24
LIMS Workorder: 24041541
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Summary
Coffeen- 2Q 2024

WO Sample	Well ID	Sampling Activities and Observations										
		Sampler Initials	Date	Time	Sampling Method	Instrument ID	Field Filtered	Appearance	Odor	Color	Post-Sample DTW (ft)	Drawdown (ft)
036	G213	BG	05/06/24	14:28	Low Flow	26559	Yes	Clear	Slight	Lt Yellow	11.04	0.06
037	G214	BG	04/30/24	14:17	Low Flow	26559	Yes	Clear	None	CLRAR	14.94	0.96
038	G215	BG	04/30/24	13:19	Low Flow	26559	Yes	Clear	None	CLEAR	16.67	2.78
039	G216	BG	04/30/24	12:20	Low Flow	26559	Yes	Slightly cloudy	Slight	Lt Orange	16.13	2.91
040	G217	BG	05/02/24	12:39	Low Flow	26559	Yes	Clear	None	CLEAR	14.01	0.26
041	G218	BG	05/02/24	11:47	Low Flow	26559	Yes	Clear	None	CLEAR	13.15	0.22
042	G270	BG	05/08/24	09:40	Low Flow	26559	Yes	Clear	Slight	CLEAR	1.92	-0.02
043	G271	BG	05/01/24	13:37	Low Flow	26559	Yes	Clear	None	CLEAR	8.98	0.58
044	G272	BG	05/01/24	13:10	Low Flow	26559	Yes	Slightly cloudy	None	LT BROWN	8.92	0.12
045	G273	BG	05/01/24	12:30	Low Flow	26559	Yes	Clear	None	CLEAR	9.05	0.4
046	G274	BG	05/01/24	14:21	Low Flow	26559	Yes	Clear	None	CLEAR	13.03	0.65
047	G275	BG	05/02/24	10:33	Low Flow	26559	Yes	Clear	None	CLEAR	T.O.P	N/A
048	G275D	BG	05/02/24	09:58	Low Flow	26559	Yes	Clear	None	LT BROWN	47.47	0.83
049	G276	TAC	05/07/24	11:45	Low Flow	45986	Yes	Clear	None	None	28.15	1.45
050	G277	JC	05/07/24	09:40	Low Flow	218083	Yes	Clear	None	none	19.86	0.3
051	G278	TAC	05/07/24	13:31	Low Flow	45986	Yes	Clear	None	None	24.86	0.89
052	G279	BG	05/03/24	09:40	Low Flow	26559	Yes	Clear	None	CLEAR	22.01	0.03
053	G280	JC	05/06/24	14:07	Low Flow	218083	Yes	Clear	None	none	3.86	0
054	G281	JC	05/03/24	10:27	Low Flow	218083	Yes	Cloudy	None	none	4.24	0
055	G283	BG	05/06/24	10:59	Low Flow	26559	No	Clear	None	cLEAR	4.98	0.8
056	G284	BG	05/06/24	11:36	Low Flow	26559	No	Clear	None	CLEAR	11.04	1.04
057	G285	BG	05/06/24	12:22	Low Flow	26559	No	Clear	None	CLEAR	5.21	0.41
058	G301	TAC	05/06/24	10:28	Low Flow	45986	No	Clear	None	None	7.39	1.21
059	G302	TAC	05/06/24	11:54	Low Flow	45986	No	Clear	None	None	6.42	0.9
060	G303	TAC	05/01/24	10:49	Low Flow	45986	No	Clear	None	None	4.98	1.29
061	G305	TAC	05/01/24	14:41	Low Flow	45986	No	Clear	None	None	6.15	0.11
062	G306	TAC	05/01/24	13:47	Low Flow	45986	No	Clear	None	None	9.58	4.16
063	G307	TAC	05/02/24	14:32	Low Flow	45986	No	Clear	None	None	0.00	0
064	G307D	TAC	05/02/24	11:35	Low Flow	45986	No	Clear	None	None	11.63	8.8
065	G308	TAC	05/02/24	12:53	Low Flow	45986	No	Clear	None	None	4.76	0.64
066	G310	TAC	05/03/24	09:55	Low Flow	45986	No	Clear	None	None	7.52	0.29
067	G312	TAC	05/06/24	13:29	Low Flow	45986	No	Clear	None	None	11.29	1.11
068	G313	TAC	05/01/24	12:13	Low Flow	45986	No	Clear	None	None	3.80	0.79
069	G314	TAC	04/30/24	14:13	Low Flow	45986	No	Clear	None	None	13.89	8.41
070	G314D	TAC	04/30/24	13:07	Low Flow	45986	No	Clear	None	None	17.15	11.33

Site Samping Event: Coffeen- 2Q24
LIMS Workorder: 24041541
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Summary
Coffeen- 2Q 2024

WO Sample	Well ID	Sampling Activities and Observations										
		Sampler Initials	Date	Time	Sampling Method	Instrument ID	Field Filtered	Appearance	Odor	Color	Post-Sample DTW (ft)	Drawdown (ft)
071	G315	TAC	05/02/24	10:31	Low Flow	45986	No	Clear	None	None	2.75	0.41
072	G316	TAC	04/30/24	11:56	Low Flow	45986	No	Clear	None	None	11.90	0.95
073	G401	BG	05/02/24	14:06	Low Flow	26559	Yes	Clear	None	Clear	20.00	-0.94
074	G402	JC	05/06/24	12:00	Low Flow	218083	Yes	Slightly cloudy	None	none	8.74	0
075	G403	JC	05/06/24	10:28	Low Flow	218083	Yes	Clear	None	none	6.26	0
076	G404	JC	05/06/24	12:44	Low Flow	218083	Yes	Clear	None	none	3.80	0
077	G405	JC	05/06/24	13:13	Low Flow	218083	Yes	Clear	None	none	6.05	0
078	G406	JC	05/06/24	11:05	Low Flow	218083	Yes	Clear	None	none	10.24	0
079	G407	TAC	04/29/24	14:52	Low Flow	45986	Yes	Clear	None	None	10.59	6.32
080	G410	TAC	04/30/24	10:36	Low Flow	45986	Yes	Clear	None	None	8.13	1.92
081	G411	TAC	04/29/24	13:11	Low Flow	45986	Yes	Clear	None	None	4.81	0.48
082	L202	BG	05/08/24	11:11	No Purge	26559	No	Clear	Slight	none	-	N/A
083	NE Riser											
084	R104	JC	05/02/24	13:00	Low Flow	218083	Yes	Clear	None	none	8.94	2.09
085	R201	BG	05/07/24	12:43	Low Flow	26559	Yes	Clear	Slight	CLEAR	3.12	0.53
086	R205	BG	05/07/24	13:46	Low Flow	26559	Yes	Clear	None	CLEAR	4.97	0.68
087	SG-02											
088	SG-03											
089	T127	TAC	05/06/24	15:06	Low Flow	45986	Yes	Clear	None	None	14.19	0.38
090	T128	JC	05/01/24	11:31	Low Flow	218083	Yes	Clear	None	none	13.83	0
091	X201	JC	05/07/24	13:25	No Purge	218083	No	Clear	None	none	-	N/A
092	XPW01	JC	05/07/24	13:55	Low Flow	218083	No	Clear	None	none	4.63	0
093	XPW02	BG	05/08/24	10:49	Low Flow	26559	Yes	Clear	None	CLREAR	10.87	1
094	XSG-01											
095	Field Blank	JC	05/08/24	11:21								
096	G102 Duplicate	JC	05/02/24	11:03	Low Flow	218083	Yes	Clear	None	none	4.33	0
097	G200 Duplicate	JC	05/07/24	12:53	Low Flow	218083	Yes	Slightly cloudy	Slight	none	2.98	0.08
098	G217 Duplicate	BG	05/02/24	12:39	Low Flow	26559	Yes	Clear	None	CLEAR	14.01	0.26
099	G301 Duplicate	TAC	05/06/24	10:28	Low Flow	45986	No	Clear	None	None	7.39	1.21
100	R201 Duplicate	BG	05/07/24	12:43	Low Flow	26559	Yes	Clear	Slight	CLEAR	3.12	0.53
101	Equipment Blank 1	JC	05/08/24	11:35								
102	Equipment Blank 2											
103	Equipment Blank 3											
104	G219	JC	05/07/24	11:10	Low Flow	218083	No	Clear	None	none	8.55	2.1
105	G220	JC	05/07/24	12:08	Low Flow	218083	No	Clear	None	none	12.34	0.24

Site Samping Event: Coffeen- 2Q24
LIMS Workorder: 24041541
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Summary
Coffeen- 2Q 2024

WO Sample	Well ID	COMMENTS
001	AP2D	
002	G1001	
003	G1003	DRY- no sample
004	G101	
005	G102	
006	G103	
007	G105	
008	G106	
009	G107	
010	G108	
011	G109	
012	G110	
013	G111	
014	G119	
015	G120	
016	G121	
017	G122	
018	G123	
019	G124	
020	G125	
021	G126	
022	G151	
023	G152	
024	G153	
025	G154	
026	G155	
027	G200	
028	G206	
029	G206D	
030	G207	
031	G208	
032	G209	
033	G210	
034	G211	
035	G212	

Site Samping Event: Coffeen- 2Q24
LIMS Workorder: 24041541
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Summary
Coffeen- 2Q 2024

WO Sample	Well ID	COMMENTS
036	G213	
037	G214	
038	G215	
039	G216	
040	G217	
041	G218	
042	G270	
043	G271	
044	G272	
045	G273	
046	G274	
047	G275	13.28 post-sample DTW is top of pump
048	G275D	
049	G276	
050	G277	
051	G278	
052	G279	
053	G280	
054	G281	
055	G283	
056	G284	
057	G285	
058	G301	
059	G302	
060	G303	
061	G305	
062	G306	
063	G307	Sampled under artesian conditions (mechanical packer well)
064	G307D	
065	G308	
066	G310	
067	G312	
068	G313	
069	G314	
070	G314D	

Site Samping Event: Coffeen- 2Q24
LIMS Workorder: 24041541
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Summary
Coffeen- 2Q 2024

WO Sample	Well ID	COMMENTS
071	G315	
072	G316	
073	G401	
074	G402	
075	G403	
076	G404	
077	G405	
078	G406	
079	G407	
080	G410	
081	G411	
082	L202	L203 inoperable; alternative location L202 sampled; direct from line
083	NE Riser	
084	R104	
085	R201	
086	R205	
087	SG-02	
088	SG-03	
089	T127	Pulled pump. Check ball keeps getting stuck during pumping
090	T128	
091	X201	Sampled directly from leachate line.
092	XPW01	
093	XPW02	
094	XSG-01	
095	Field Blank	
096	G102 Duplicate	
097	G200 Duplicate	
098	G217 Duplicate	
099	G301 Duplicate	
100	R201 Duplicate	
101	Equipment Blank 1	
102	Equipment Blank 2	Not used; not collected
103	Equipment Blank 3	Not used; not collected
104	G219	
105	G220	

Site Samping Event: Coffeen- 2Q24
LIMS Workorder: 24041541
Technician(s): DC, JC, TC, BG, PY

Stabilized Field Parameters Summary
Coffeen- 2Q 2024

Well ID	Date	Time	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	DTW (ft)	LIMS ID
AP2D	5/8/2024	9:52	15.5	59.9	8.01	1,803.0	0.12	37.82	-200.3	20.50	24041541-001A
G1001	5/7/2024	10:16	17.7	63.9	6.82	1,048.1	2.79	2.87	3.4	5.73	24041541-002A
G1003	5/6/2024	13:18	Dry- No Sample							11.16	24041541-003A
G101	5/2/2024	10:22	13.8	56.8	7.37	781.9	0.34	51.61	54.1	3.90	24041541-004A
G102	5/2/2024	11:03	14.1	57.4	7.29	558.1	2.89	11.75	78.8	4.33	24041541-005A
G103	5/2/2024	12:26	15.8	60.4	7.05	901.7	0.96	4.20	93.6	8.89	24041541-006A
G105	5/2/2024	13:30	15.4	59.7	7.20	830.6	0.25	3.86	-111.6	8.23	24041541-007A
G106	5/2/2024	14:15	15.4	59.7	7.10	957.2	1.89	4.71	68.4	9.13	24041541-008A
G107	5/3/2024	9:20	15.6	60.0	7.33	763.7	5.02	10.26	80.3	8.61	24041541-009A
G108	5/1/2024	10:36	14.6	58.3	7.19	755.5	1.59	2.10	88.4	8.74	24041541-010A
G109	5/1/2024	9:53	13.9	57.0	7.01	960.2	0.18	28.90	92.9	8.44	24041541-011A
G110	4/30/2024	14:48	14.9	58.8	6.87	872.5	0.53	9.64	80.5	9.30	24041541-012A
G111	4/30/2024	14:11	15.0	58.9	7.15	903.8	1.89	3.31	62.7	9.23	24041541-013A
G119	5/1/2024	12:22	15.1	59.1	7.23	712.8	0.79	3.64	91.7	14.96	24041541-014A
G120	5/1/2024	12:51	16.3	61.4	7.34	775.2	6.83	8.37	111.2	13.99	24041541-015A
G121	5/1/2024	13:21	15.2	59.3	7.13	965.7	5.45	6.66	118.0	13.92	24041541-016A
G122	5/1/2024	13:59	16.8	62.2	6.89	1,179.4	2.98	13.52	107.9	12.49	24041541-017A
G123	5/7/2024	10:01	15.4	59.7	7.06	946.0	1.55	68.00	69.2	10.84	24041541-018A
G124	5/1/2024	14:51	14.8	58.6	7.20	875.1	2.83	20.76	109.7	11.38	24041541-019A
G125	5/2/2024	9:41	14.0	57.1	7.19	918.2	0.68	22.75	39.5	11.12	24041541-020A
G126	5/3/2024	9:53	14.1	57.4	7.16	805.8	1.35	4.48	80.8	8.51	24041541-021A
G151	4/30/2024	10:11	16.7	62.1	7.33	896.6	3.73	25.19	124.1	10.05	24041541-022A
G152	5/7/2024	11:15	16.6	61.8	7.21	781.9	3.20	8.38	36.5	9.34	24041541-023A
G153	4/30/2024	12:38	15.1	59.1	6.75	3,946.3	0.33	10.76	-59.3	10.54	24041541-024A
G154	4/30/2024	12:01	14.9	58.8	7.39	655.4	2.02	31.93	113.3	6.54	24041541-025A
G155	4/30/2024	11:21	14.8	58.6	7.27	960.1	1.11	45.64	114.1	9.25	24041541-026A
G200	5/7/2024	12:53	17.3	63.1	7.19	849.7	0.13	53.10	6.4	2.90	24041541-027A
G206	4/30/2024	10:57	15.1	59.2	7.12	858.5	1.71	12.71	-37.4	9.69	24041541-028A
G206D	4/30/2024	10:28	15.9	60.6	7.26	981.7	0.71	13.00	-104.1	29.57	24041541-029A
G207	5/7/2024	11:46	17.1	62.8	7.26	635.9	2.60	2.00	78.5	10.25	24041541-030A
G208	4/30/2024	11:27	15.4	59.8	7.33	545.7	4.69	6.43	72.9	10.36	24041541-031A
G209	5/1/2024	12:16	13.9	57.1	7.01	1,535.6	0.87	10.85	-6.9	9.64	24041541-032A
G210	5/1/2024	11:27	14.8	58.7	7.21	886.3	0.79	37.29	145.9	9.90	24041541-033A
G211	5/1/2024	10:40	15.4	59.8	7.31	781.6	1.68	28.87	150.0	9.85	24041541-034A
G212	5/1/2024	9:52	14.6	58.2	7.19	681.3	1.24	4.65	132.7	10.30	24041541-035A
G213	5/6/2024	14:28	15.4	59.8	7.14	668.3	0.90	31.60	63.5	10.98	24041541-036A
G214	4/30/2024	14:17	14.8	58.6	7.08	962.9	1.41	56.68	78.8	13.98	24041541-037A
G215	4/30/2024	13:19	15.1	59.2	6.87	1,908.7	0.69	10.28	-7.8	13.89	24041541-038A
G216	4/30/2024	12:20	15.8	60.5	6.93	2,081.6	2.60	56.89	-35.9	13.22	24041541-039A
G217	5/2/2024	12:39	15.6	60.1	6.88	1,560.0	0.76	4.53	12.7	13.75	24041541-040A
G218	5/2/2024	11:47	15.7	60.2	6.90	1,522.4	0.63	25.80	-21.4	12.93	24041541-041A
G270	5/8/2024	9:40	14.0	57.2	7.11	688.1	1.83	1.26	55.0	1.94	24041541-042A

Site Samping Event: Coffeen- 2Q24
LIMS Workorder: 24041541
Technician(s): DC, JC, TC, BG, PY

Stabilized Field Parameters Summary
Coffeen- 2Q 2024

Well ID	Date	Time	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	DTW (ft)	LIMS ID
G271	5/1/2024	13:37	14.2	57.6	7.06	1,076.4	1.22	4.33	112.9	8.40	24041541-043A
G272	5/1/2024	13:10	14.8	58.6	7.13	1,339.7	2.43	5.67	92.5	8.80	24041541-044A
G273	5/1/2024	12:30	13.9	57.0	6.97	1,570.3	0.66	3.02	24.3	8.65	24041541-045A
G274	5/1/2024	14:21	14.7	58.4	7.09	951.2	2.50	4.65	54.1	12.38	24041541-046A
G275	5/2/2024	10:33	16.4	61.5	6.93	1,027.0	4.95	19.58	70.3	12.64	24041541-047A
G275D	5/2/2024	9:58	17.7	63.8	7.23	1,503.7	0.58	64.88	-105.5	46.64	24041541-048A
G276	5/7/2024	11:45	18.1	64.6	6.83	1,214.5	5.02	10.30	59.5	26.70	24041541-049A
G277	5/7/2024	9:40	15.4	59.7	6.88	1,825.5	4.56	4.28	107.2	19.56	24041541-050A
G278	5/7/2024	13:31	19.7	67.5	6.68	2,756.8	2.06	1.95	78.1	23.97	24041541-051A
G279	5/3/2024	9:40	16.6	61.9	6.81	2,556.4	2.58	1.92	122.0	21.98	24041541-052A
G280	5/6/2024	14:07	13.7	56.7	7.31	833.7	0.19	18.68	71.1	3.86	24041541-053A
G281	5/3/2024	10:27	13.7	56.7	6.96	1,327.1	0.15	62.55	91.0	4.24	24041541-054A
G283	5/6/2024	10:59	13.1	55.5	7.05	1,192.3	0.69	6.54	-73.6	4.18	24041541-055A
G284	5/6/2024	11:36	12.5	54.5	7.20	717.2	2.89	0.75	52.0	10.00	24041541-056A
G285	5/6/2024	12:22	13.1	55.5	6.70	2,003.8	0.66	7.80	79.1	4.80	24041541-057A
G301	5/6/2024	10:28	14.3	57.7	6.26	1,068.7	0.69	3.60	-39.8	6.18	24041541-058A
G302	5/6/2024	11:54	13.9	57.0	6.49	1,581.9	0.86	3.24	-73.7	5.52	24041541-059A
G303	5/1/2024	10:49	14.4	57.8	6.69	1,855.9	1.22	71.31	-27.0	3.69	24041541-060A
G305	5/1/2024	14:41	14.6	58.2	7.09	1,617.6	1.22	11.25	55.6	6.04	24041541-061A
G306	5/1/2024	13:47	13.7	56.7	6.42	682.5	4.40	36.14	77.7	5.42	24041541-062A
G307	5/2/2024	14:32	22.3	72.2	7.03	1,121.1	2.14	75.20	6.5	0.00	24041541-063A
G307D	5/2/2024	11:35	16.8	62.2	7.18	1,201.0	3.01	30.22	-38.6	2.83	24041541-064A
G308	5/2/2024	12:53	14.1	57.3	7.14	1,694.9	0.71	2.40	55.6	4.12	24041541-065A
G310	5/3/2024	9:55	13.4	56.0	6.74	1,197.6	0.69	2.02	31.8	7.23	24041541-066A
G312	5/6/2024	13:29	13.8	56.8	6.16	2,159.1	0.69	3.61	35.2	10.18	24041541-067A
G313	5/1/2024	12:13	14.1	57.3	6.81	1,720.9	0.69	31.82	51.2	3.01	24041541-068A
G314	4/30/2024	14:13	13.7	56.6	6.56	3,483.8	0.61	16.21	-6.3	5.48	24041541-069A
G314D	4/30/2024	13:07	14.6	58.4	6.96	2,722.4	0.56	178.65	-36.7	5.82	24041541-070A
G315	5/2/2024	10:31	14.3	57.7	6.77	1,170.1	0.80	1.96	14.7	2.34	24041541-071A
G316	4/30/2024	11:56	12.4	54.4	6.83	1,896.2	0.65	7.79	-82.3	10.95	24041541-072A
G401	5/2/2024	14:06	17.8	64.0	5.89	1,395.7	1.11	4.24	71.7	20.94	24041541-073A
G402	5/6/2024	12:00	14.0	57.2	7.02	1,666.7	7.65	38.01	111.3	8.74	24041541-074A
G403	5/6/2024	10:28	14.5	58.1	6.85	716.9	0.30	6.25	70.2	6.26	24041541-075A
G404	5/6/2024	12:44	13.9	57.1	6.84	1,150.3	1.09	3.05	88.6	3.80	24041541-076A
G405	5/6/2024	13:13	14.0	57.3	6.96	1,818.5	0.71	8.10	59.3	6.05	24041541-077A
G406	5/6/2024	11:05	14.9	58.8	6.65	1,371.7	0.36	1.36	99.9	10.24	24041541-078A
G407	4/29/2024	14:52	14.8	58.7	6.65	2,211.6	1.48	71.17	97.4	4.27	24041541-079A
G410	4/30/2024	10:36	12.9	55.1	6.21	1,045.7	0.77	1.54	38.0	6.21	24041541-080A
G411	4/29/2024	13:11	13.2	55.8	7.04	866.1	0.79	16.20	102.6	4.33	24041541-081A
L202	5/8/2024	11:11	20.5	68.9	11.87	13,935.1	5.12	5.92	-43.3	-	24041541-082A
NE Riser	4/29/2024	13:04	DTW Only							1.05	24041541-083A
R104	5/2/2024	13:00	17.4	63.4	7.47	789.0	4.55	4.01	93.6	6.85	24041541-084A

Site Samping Event: Coffeen- 2Q24
LIMS Workorder: 24041541
Technician(s): DC, JC, TC, BG, PY

Stabilized Field Parameters Summary
Coffeen- 2Q 2024

Well ID	Date	Time	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	DTW (ft)	LIMS ID
R201	5/7/2024	12:43	16.2	61.2	7.03	986.0	2.05	6.83	-14.0	2.59	24041541-085A
R205	5/7/2024	13:46	15.2	59.3	6.75	1,296.9	2.11	7.63	84.6	4.29	24041541-086A
SG-02	4/29/2024	15:29	DTW Only							6.68	24041541-087A
SG-03	4/29/2024	10:27	DTW Only							7.94	24041541-088A
T127	5/6/2024	15:06	14.8	58.7	6.98	716.5	2.01	25.01	48.2	13.81	24041541-089A
T128	5/1/2024	11:31	15.1	59.3	7.16	745.8	2.69	4.88	92.7	13.83	24041541-090A
X201	5/7/2024	13:25	24.5	76.1	5.93	20,857.6	8.28	4.73	158.9		24041541-091A
XPW01	5/7/2024	13:55	16.7	62.1	7.80	1,284.1	0.62	8.23	-121.6	4.63	24041541-092A
XPW02	5/8/2024	10:49	16.7	62.0	7.69	839.6	0.61	4.12	-209.3	9.87	24041541-093A
XSG-01	4/29/2024	11:10	DTW Only							7.94	24041541-094A
Field Blank	5/8/2024	11:21	QA/QC Sample							-	24041541-095A
G102 Duplicate	5/2/2024	11:03	14.1	57.4	7.29	558.1	2.89	11.75	78.8	4.33	24041541-096A
G200 Duplicate	5/7/2024	12:53	17.3	63.1	7.19	849.7	0.13	53.10	6.4	2.90	24041541-097A
G217 Duplicate	5/2/2024	12:39	15.6	60.1	6.88	1,560.0	0.76	4.53	12.7	13.75	24041541-098A
G301 Duplicate	5/6/2024	10:28	14.3	57.7	6.26	1,068.7	0.69	3.60	-39.8	6.18	24041541-099A
R201 Duplicate	5/7/2024	12:43	16.2	61.2	7.03	986.0	2.05	6.83	-14.0	2.59	24041541-100A
Equipment Blank 1	5/8/2024	11:35	QA/QC Sample							-	24041541-101A
G219	5/7/2024	11:10	13.9	56.9	7.17	866.6	0.45	26.09	-58.1	6.45	24041541-104A
G220	5/7/2024	12:08	15.4	59.8	6.89	1,265.9	0.64	24.62	20.7	12.10	24041541-105A

Site Samping Event: Coffeen- 2Q24
LIMS Workorder: 24041541
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Coffeen- 2Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
AP2D	5/8/2024	9:37	20.50	15.7	60.3	8.07	1,810.9	0.29	77.40	-191.5
AP2D	5/8/2024	9:40	20.50	15.6	60.0	8.05	1,813.6	0.22	79.44	-195.8
AP2D	5/8/2024	9:43	20.50	15.5	59.9	8.04	1,811.0	0.18	48.74	-197.9
AP2D	5/8/2024	9:46	20.50	15.5	59.9	8.02	1,806.6	0.16	41.03	-199.1
AP2D	5/8/2024	9:49	20.50	15.5	59.9	8.01	1,803.2	0.14	37.12	-199.4
AP2D	5/8/2024	9:52	20.50	15.5	59.9	8.01	1,803.0	0.12	37.82	-200.3

Site Samping Event: Coffeen- 2Q24
LIMS Workorder: 24041541
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Coffeen- 2Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G1001	5/7/2024	9:58	5.73	15.5	59.9	6.69	1,343.3	2.41	8.20	-10.9
G1001	5/7/2024	10:01	5.73	15.6	60.1	6.74	1,165.7	2.43	6.38	-7.4
G1001	5/7/2024	10:04	5.73	15.5	60.0	6.78	1,073.6	2.56	5.18	-4.9
G1001	5/7/2024	10:07	5.73	15.6	60.1	6.80	1,038.4	2.70	4.09	-3.2
G1001	5/7/2024	10:10	5.73	16.0	60.8	6.82	1,036.5	2.81	3.53	-1.4
G1001	5/7/2024	10:13	5.73	16.9	62.4	6.81	1,042.9	2.81	3.14	1.0
G1001	5/7/2024	10:16	5.73	17.7	63.9	6.82	1,048.1	2.79	2.87	3.4

Site Samping Event: Coffeen- 2Q24
LIMS Workorder: 24041541
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Coffeen- 2Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G1003	5/6/2024	13:18	11.16	Dry- No Sample						

Site Samping Event: Coffeen- 2Q24
LIMS Workorder: 24041541
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Coffeen- 2Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G101	5/2/2024	10:10	3.90	13.8	56.8	7.37	781.8	0.46	67.82	61.2
G101	5/2/2024	10:13	3.90	13.7	56.7	7.37	782.4	0.42	63.77	58.7
G101	5/2/2024	10:16	3.90	13.7	56.7	7.37	780.9	0.38	55.09	56.7
G101	5/2/2024	10:19	3.90	13.7	56.7	7.37	781.6	0.36	55.92	55.3
G101	5/2/2024	10:22	3.90	13.8	56.8	7.37	781.9	0.34	51.61	54.1

Site Samping Event: Coffeen- 2Q24
LIMS Workorder: 24041541
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Coffeen- 2Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G102	5/2/2024	10:45	4.33	14.4	58.0	7.29	541.8	3.49	8.29	81.3
G102	5/2/2024	10:48	4.33	14.3	57.7	7.28	533.9	3.41	8.00	78.9
G102	5/2/2024	10:51	4.33	14.3	57.8	7.28	539.0	3.25	12.29	78.0
G102	5/2/2024	10:54	4.33	14.2	57.6	7.29	544.0	3.10	15.69	77.7
G102	5/2/2024	10:57	4.33	14.2	57.5	7.28	548.5	3.03	11.60	77.9
G102	5/2/2024	11:00	4.33	14.1	57.4	7.29	553.4	2.96	9.57	78.3
G102	5/2/2024	11:03	4.33	14.1	57.4	7.29	558.1	2.89	11.75	78.8

Site Samping Event: Coffeen- 2Q24
LIMS Workorder: 24041541
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Coffeen- 2Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G103	5/2/2024	12:02	8.89	14.8	58.7	7.14	873.4	2.83	15.65	98.6
G103	5/2/2024	12:05	8.89	15.2	59.4	7.13	877.0	2.46	18.40	97.7
G103	5/2/2024	12:08	8.89	15.6	60.1	7.11	881.1	2.20	8.80	96.4
G103	5/2/2024	12:11	8.89	15.5	59.9	7.10	888.6	1.82	7.33	96.4
G103	5/2/2024	12:14	8.89	15.5	60.0	7.08	894.4	1.48	10.94	95.9
G103	5/2/2024	12:17	8.89	15.6	60.1	7.07	898.8	1.23	7.46	95.3
G103	5/2/2024	12:20	8.89	15.7	60.3	7.06	899.8	1.09	5.67	94.6
G103	5/2/2024	12:23	8.89	15.8	60.4	7.05	901.0	1.01	4.29	94.0
G103	5/2/2024	12:26	8.89	15.8	60.4	7.05	901.7	0.96	4.20	93.6

Site Samping Event: Coffeen- 2Q24
LIMS Workorder: 24041541
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Coffeen- 2Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G105	5/2/2024	13:21	8.23	15.4	59.7	7.23	841.9	0.49	5.18	-107.1
G105	5/2/2024	13:24	8.23	15.4	59.8	7.21	840.1	0.33	4.66	-114.9
G105	5/2/2024	13:27	8.23	15.4	59.7	7.20	834.5	0.31	4.09	-112.8
G105	5/2/2024	13:30	8.23	15.4	59.7	7.20	830.6	0.25	3.86	-111.6

Site Samping Event: Coffeen- 2Q24
LIMS Workorder: 24041541
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Coffeen- 2Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G106	5/2/2024	14:06	9.13	15.2	59.3	7.10	955.2	2.02	3.37	67.3
G106	5/2/2024	14:09	9.13	15.5	59.9	7.10	957.5	1.94	4.15	67.7
G106	5/2/2024	14:12	9.13	15.5	59.8	7.10	956.8	1.91	4.23	67.7
G106	5/2/2024	14:15	9.13	15.4	59.7	7.10	957.2	1.89	4.71	68.4

Site Samping Event: Coffeen- 2Q24
LIMS Workorder: 24041541
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Coffeen- 2Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G107	5/3/2024	9:11	8.61	14.6	58.2	7.34	765.5	5.12	8.84	90.4
G107	5/3/2024	9:14	8.61	15.0	58.9	7.34	765.7	5.05	9.14	85.4
G107	5/3/2024	9:17	8.61	15.2	59.4	7.33	764.1	4.99	10.02	82.0
G107	5/3/2024	9:20	8.61	15.6	60.0	7.33	763.7	5.02	10.26	80.3

Site Samping Event: Coffeen- 2Q24
LIMS Workorder: 24041541
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Coffeen- 2Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G108	5/1/2024	10:18	8.74	14.6	58.2	7.23	755.3	2.60	4.01	94.4
G108	5/1/2024	10:21	8.74	14.7	58.4	7.22	755.3	2.45	3.81	92.7
G108	5/1/2024	10:24	8.74	14.6	58.3	7.22	755.1	2.25	3.76	91.7
G108	5/1/2024	10:27	8.74	14.7	58.5	7.21	754.9	2.05	3.31	90.6
G108	5/1/2024	10:30	8.74	14.6	58.3	7.20	755.5	1.88	2.75	89.5
G108	5/1/2024	10:33	8.74	14.7	58.4	7.20	754.3	1.73	2.34	88.8
G108	5/1/2024	10:36	8.74	14.6	58.3	7.19	755.5	1.59	2.10	88.4

Site Samping Event: Coffeen- 2Q24
LIMS Workorder: 24041541
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Coffeen- 2Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G109	5/1/2024	9:44	8.44	13.8	56.8	7.00	960.5	0.29	46.73	99.6
G109	5/1/2024	9:47	8.44	13.8	56.9	7.00	960.5	0.25	32.53	96.3
G109	5/1/2024	9:50	8.44	13.8	56.9	7.00	960.3	0.21	29.91	94.5
G109	5/1/2024	9:53	8.44	13.9	57.0	7.01	960.2	0.18	28.90	92.9

Site Samping Event: Coffeen- 2Q24
LIMS Workorder: 24041541
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Coffeen- 2Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G110	4/30/2024	14:39	9.30	14.8	58.6	6.91	871.5	1.12	6.37	80.4
G110	4/30/2024	14:42	9.30	14.9	58.8	6.87	862.4	0.77	7.66	81.1
G110	4/30/2024	14:45	9.30	14.8	58.7	6.87	868.4	0.63	9.40	80.8
G110	4/30/2024	14:48	9.30	14.9	58.8	6.87	872.5	0.53	9.64	80.5

Site Samping Event: Coffeen- 2Q24
LIMS Workorder: 24041541
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Coffeen- 2Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G111	4/30/2024	14:02	9.23	15.1	59.2	7.18	904.3	2.37	4.37	63.3
G111	4/30/2024	14:05	9.23	15.0	59.0	7.16	904.1	2.07	3.69	62.3
G111	4/30/2024	14:08	9.23	15.0	58.9	7.15	903.4	2.01	4.64	62.3
G111	4/30/2024	14:11	9.23	15.0	58.9	7.15	903.8	1.89	3.31	62.7

Site Samping Event: Coffeen- 2Q24
LIMS Workorder: 24041541
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Coffeen- 2Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G119	5/1/2024	11:52	14.96	15.2	59.4	7.28	713.3	3.07	3.95	102.5
G119	5/1/2024	11:55	14.96	15.3	59.6	7.27	714.5	2.76	4.49	101.4
G119	5/1/2024	11:58	14.96	15.3	59.5	7.26	713.9	2.41	5.31	100.3
G119	5/1/2024	12:01	14.96	15.2	59.3	7.25	714.3	1.95	5.73	99.3
G119	5/1/2024	12:04	14.96	15.3	59.5	7.25	713.8	1.60	5.45	98.2
G119	5/1/2024	12:07	14.96	15.2	59.4	7.25	714.1	1.45	5.15	97.0
G119	5/1/2024	12:10	14.96	15.1	59.2	7.24	713.7	1.26	5.01	96.0
G119	5/1/2024	12:13	14.96	15.2	59.4	7.24	713.9	1.11	5.38	94.9
G119	5/1/2024	12:16	14.96	15.1	59.3	7.23	713.7	0.95	4.56	93.8
G119	5/1/2024	12:19	14.96	15.2	59.4	7.23	712.3	0.87	3.94	92.6
G119	5/1/2024	12:22	14.96	15.1	59.1	7.23	712.8	0.79	3.64	91.7

Site Samping Event: Coffeen- 2Q24
LIMS Workorder: 24041541
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Coffeen- 2Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G120	5/1/2024	12:45	13.99	15.9	60.7	7.34	873.9	6.87	6.12	112.9
G120	5/1/2024	12:48	13.99	16.2	61.2	7.34	874.4	6.87	6.90	111.9
G120	5/1/2024	12:51	13.99	16.3	61.4	7.34	775.2	6.83	8.37	111.2

Site Samping Event: Coffeen- 2Q24
LIMS Workorder: 24041541
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Coffeen- 2Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G121	5/1/2024	13:12	13.92	15.3	59.5	7.14	966.4	5.53	7.90	121.2
G121	5/1/2024	13:15	13.92	15.1	59.1	7.14	965.3	5.48	7.47	119.7
G121	5/1/2024	13:18	13.92	15.1	59.1	7.14	965.9	5.47	6.06	118.6
G121	5/1/2024	13:21	13.92	15.2	59.3	7.13	965.7	5.45	6.66	118.0

Site Samping Event: Coffeen- 2Q24
LIMS Workorder: 24041541
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Coffeen- 2Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G122	5/1/2024	13:50	12.49	16.4	61.5	6.91	1,185.6	3.19	20.59	112.3
G122	5/1/2024	13:53	12.49	16.5	61.7	6.90	1,182.6	3.18	16.64	110.2
G122	5/1/2024	13:56	12.49	16.6	62.0	6.90	1,180.8	3.09	15.46	108.8
G122	5/1/2024	13:59	12.49	16.8	62.2	6.89	1,179.4	2.98	13.52	107.9

Site Samping Event: Coffeen- 2Q24
LIMS Workorder: 24041541
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Coffeen- 2Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G123	5/7/2024	9:43	10.84	15.6	60.1	7.07	950.0	2.29	140.85	68.5
G123	5/7/2024	9:46	10.84	15.6	60.1	7.06	952.9	2.23	120.90	69.6
G123	5/7/2024	9:49	10.84	15.6	60.0	7.05	951.8	2.07	101.83	70.0
G123	5/7/2024	9:52	10.84	15.3	59.5	7.06	947.7	1.69	75.35	69.0
G123	5/7/2024	9:55	10.84	15.4	59.6	7.05	945.0	1.61	65.21	68.5
G123	5/7/2024	9:58	10.84	15.4	59.7	7.06	946.3	1.60	66.41	68.8
G123	5/7/2024	10:01	10.84	15.4	59.7	7.06	946.0	1.55	68.00	69.2

Site Samping Event: Coffeen- 2Q24
LIMS Workorder: 24041541
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Coffeen- 2Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G124	5/1/2024	14:24	11.38	15.1	59.2	7.25	892.9	5.36	9.85	102.9
G124	5/1/2024	14:27	11.38	15.0	59.0	7.23	888.6	4.75	10.63	105.5
G124	5/1/2024	14:30	11.38	14.9	58.9	7.23	884.8	4.23	13.02	106.9
G124	5/1/2024	14:33	11.38	14.9	58.9	7.22	881.4	3.83	15.56	108.0
G124	5/1/2024	14:36	11.38	14.8	58.6	7.21	878.6	3.61	19.05	108.9
G124	5/1/2024	14:39	11.38	14.8	58.6	7.21	877.2	3.37	21.66	109.3
G124	5/1/2024	14:42	11.38	14.8	58.7	7.21	876.1	3.21	26.47	109.5
G124	5/1/2024	14:45	11.38	14.7	58.5	7.21	876.9	3.06	20.23	109.5
G124	5/1/2024	14:48	11.38	14.7	58.4	7.20	874.7	2.91	23.42	109.7
G124	5/1/2024	14:51	11.38	14.8	58.6	7.20	875.1	2.83	20.76	109.7

Site Samping Event: Coffeen- 2Q24
LIMS Workorder: 24041541
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Coffeen- 2Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G125	5/2/2024	9:26	11.12	14.0	57.2	7.15	915.8	0.85	5.43	38.0
G125	5/2/2024	9:29	11.12	14.0	57.2	7.19	915.7	0.65	5.12	38.3
G125	5/2/2024	9:32	11.12	14.0	57.2	7.19	916.9	0.71	14.90	39.6
G125	5/2/2024	9:35	11.12	14.0	57.3	7.19	917.7	0.65	25.63	40.4
G125	5/2/2024	9:38	11.12	13.9	57.1	7.19	918.2	0.69	23.40	39.8
G125	5/2/2024	9:41	11.12	14.0	57.1	7.19	918.2	0.68	22.75	39.5

Site Samping Event: Coffeen- 2Q24
LIMS Workorder: 24041541
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Coffeen- 2Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G126	5/3/2024	9:41	8.51	13.9	56.9	7.15	807.2	1.62	6.30	90.9
G126	5/3/2024	9:44	8.51	13.9	57.1	7.14	801.2	1.67	5.96	88.2
G126	5/3/2024	9:47	8.51	13.9	57.1	7.15	802.1	1.42	5.25	85.0
G126	5/3/2024	9:50	8.51	14.0	57.1	7.15	804.0	1.31	4.94	82.5
G126	5/3/2024	9:53	8.51	14.1	57.4	7.16	805.8	1.35	4.48	80.8

Site Samping Event: Coffeen- 2Q24
LIMS Workorder: 24041541
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Coffeen- 2Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G151	4/30/2024	10:02	10.05	15.8	60.4	7.29	902.6	3.69	20.89	133.9
G151	4/30/2024	10:05	10.05	16.1	60.9	7.29	898.5	3.76	22.10	130.6
G151	4/30/2024	10:08	10.05	16.3	61.3	7.32	899.6	3.79	23.35	126.7
G151	4/30/2024	10:11	10.05	16.7	62.1	7.33	896.6	3.73	25.19	124.1

Site Samping Event: Coffeen- 2Q24
LIMS Workorder: 24041541
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Coffeen- 2Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G152	5/7/2024	10:57	9.34	16.4	61.5	7.17	808.9	3.93	40.56	23.9
G152	5/7/2024	11:00	9.34	16.3	61.4	7.15	823.2	3.70	34.17	17.9
G152	5/7/2024	11:03	9.34	16.3	61.3	7.18	805.4	3.63	16.67	25.6
G152	5/7/2024	11:06	9.34	16.2	61.2	7.20	788.7	3.48	13.62	30.7
G152	5/7/2024	11:09	9.34	16.6	61.9	7.20	783.6	3.36	10.25	33.2
G152	5/7/2024	11:12	9.34	16.7	62.0	7.21	784.2	3.32	9.16	35.4
G152	5/7/2024	11:15	9.34	16.6	61.8	7.21	781.9	3.20	8.38	36.5

Site Samping Event: Coffeen- 2Q24
LIMS Workorder: 24041541
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Coffeen- 2Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G153	4/30/2024	12:26	10.54	15.0	59.1	6.74	4,118.5	0.47	29.42	-93.8
G153	4/30/2024	12:29	10.54	15.0	59.1	6.74	4,024.6	0.38	16.76	-83.1
G153	4/30/2024	12:32	10.54	15.0	58.9	6.74	3,971.3	0.38	13.62	-72.6
G153	4/30/2024	12:35	10.54	15.0	59.0	6.75	3,947.1	0.35	11.46	-64.2
G153	4/30/2024	12:38	10.54	15.1	59.1	6.75	3,946.3	0.33	10.76	-59.3

Site Samping Event: Coffeen- 2Q24
LIMS Workorder: 24041541
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Coffeen- 2Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G154	4/30/2024	11:52	6.54	14.9	58.7	7.40	658.0	2.19	27.08	112.6
G154	4/30/2024	11:55	6.54	14.8	58.7	7.40	656.7	2.12	29.29	112.9
G154	4/30/2024	11:58	6.54	14.7	58.5	7.39	656.8	2.06	30.35	113.1
G154	4/30/2024	12:01	6.54	14.9	58.8	7.39	655.4	2.02	31.93	113.3

Site Samping Event: Coffeen- 2Q24
LIMS Workorder: 24041541
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Coffeen- 2Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G155	4/30/2024	11:06	9.25	14.8	58.6	7.30	960.0	2.02	56.45	117.8
G155	4/30/2024	11:09	9.25	14.7	58.5	7.29	960.9	1.70	51.85	117.2
G155	4/30/2024	11:12	9.25	14.8	58.6	7.29	959.3	1.50	48.49	116.4
G155	4/30/2024	11:15	9.25	14.8	58.7	7.28	959.5	1.35	45.28	115.5
G155	4/30/2024	11:18	9.25	14.8	58.7	7.28	959.4	1.24	46.25	114.8
G155	4/30/2024	11:21	9.25	14.8	58.6	7.27	960.1	1.11	45.64	114.1

Site Samping Event: Coffeen- 2Q24
LIMS Workorder: 24041541
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Coffeen- 2Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G200	5/7/2024	12:29	2.90	16.6	61.9	7.20	848.9	0.91	20.80	29.5
G200	5/7/2024	12:32	2.90	16.7	62.1	7.19	847.2	0.55	30.37	24.3
G200	5/7/2024	12:35	2.90	16.5	61.7	7.19	846.9	0.41	84.52	20.5
G200	5/7/2024	12:38	2.90	16.7	62.0	7.18	849.0	0.31	86.74	17.6
G200	5/7/2024	12:41	2.90	16.6	62.0	7.19	849.0	0.25	74.88	14.2
G200	5/7/2024	12:44	2.90	16.8	62.2	7.19	848.9	0.20	63.14	11.6
G200	5/7/2024	12:47	2.90	17.1	62.8	7.19	849.3	0.17	57.50	11.4
G200	5/7/2024	12:50	2.90	17.0	62.6	7.19	849.2	0.15	58.08	8.3
G200	5/7/2024	12:53	2.90	17.3	63.1	7.19	849.7	0.13	53.10	6.4

Site Samping Event: Coffeen- 2Q24
LIMS Workorder: 24041541
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Coffeen- 2Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G206	4/30/2024	10:45	9.69	15.1	59.1	7.13	844.7	1.68	25.99	-23.9
G206	4/30/2024	10:48	9.69	15.1	59.2	7.13	647.9	1.69	17.49	-30.8
G206	4/30/2024	10:51	9.69	15.1	59.1	7.12	853.2	1.63	12.85	-34.4
G206	4/30/2024	10:54	9.69	15.1	59.2	7.12	855.5	1.63	12.24	-36.4
G206	4/30/2024	10:57	9.69	15.1	59.2	7.12	858.5	1.71	12.71	-37.4

Site Samping Event: Coffeen- 2Q24
LIMS Workorder: 24041541
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Coffeen- 2Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G206D	4/30/2024	9:52	29.57	15.5	59.9	7.08	976.0	1.68	9.04	-11.9
G206D	4/30/2024	9:55	29.57	15.8	60.4	7.13	978.6	1.12	37.81	-51.3
G206D	4/30/2024	9:58	29.57	15.8	60.4	7.18	981.1	0.96	43.31	-73.1
G206D	4/30/2024	10:01	29.57	15.7	60.3	7.22	980.6	1.17	36.28	-88.2
G206D	4/30/2024	10:04	29.57	15.7	60.2	7.23	979.8	0.84	63.48	-94.2
G206D	4/30/2024	10:07	29.57	15.7	60.2	7.23	979.1	0.77	71.22	-97.2
G206D	4/30/2024	10:10	29.57	15.7	60.3	7.24	977.8	0.74	50.88	-99.4
G206D	4/30/2024	10:13	29.57	15.7	60.3	7.24	976.9	0.71	65.26	-100.8
G206D	4/30/2024	10:16	29.57	15.8	60.4	7.24	976.2	0.69	125.52	-102.2
G206D	4/30/2024	10:19	29.57	16.1	61.0	7.25	974.4	0.68	24.94	-103.6
G206D	4/30/2024	10:22	29.57	16.5	61.6	7.25	977.0	0.70	23.62	-103.9
G206D	4/30/2024	10:25	29.57	16.5	61.7	7.25	976.7	0.70	22.97	-103.7
G206D	4/30/2024	10:28	29.57	15.9	60.6	7.26	981.7	0.71	13.00	-104.1

Site Samping Event: Coffeen- 2Q24
LIMS Workorder: 24041541
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Coffeen- 2Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G207	5/7/2024	11:37	10.25	17.4	63.2	7.27	636.8	3.03	3.09	75.7
G207	5/7/2024	11:40	10.25	16.7	62.1	7.27	636.7	2.82	2.33	77.1
G207	5/7/2024	11:43	10.25	16.8	62.2	7.26	634.4	2.66	2.10	78.3
G207	5/7/2024	11:46	10.25	17.1	62.8	7.26	635.9	2.60	2.00	78.5

Site Samping Event: Coffeen- 2Q24
LIMS Workorder: 24041541
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Coffeen- 2Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G208	4/30/2024	11:18	10.36	15.5	60.0	7.35	546.8	5.05	4.02	56.7
G208	4/30/2024	11:21	10.36	15.3	59.6	7.34	547.0	4.87	3.94	62.7
G208	4/30/2024	11:24	10.36	15.4	59.7	7.33	546.1	4.78	4.94	68.0
G208	4/30/2024	11:27	10.36	15.4	59.8	7.33	545.7	4.69	6.43	72.9

Site Samping Event: Coffeen- 2Q24
LIMS Workorder: 24041541
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Coffeen- 2Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G209	5/1/2024	11:43	9.64	15.6	60.0	7.02	1,189.9	1.96	34.10	-11.9
G209	5/1/2024	11:46	9.64	15.6	60.1	6.95	1,195.2	1.27	21.88	-25.0
G209	5/1/2024	11:49	9.64	15.5	59.9	6.94	1,195.6	1.04	20.26	-29.1
G209	5/1/2024	11:52	9.64	15.5	59.8	6.94	1,196.3	0.94	18.23	-30.9
G209	5/1/2024	11:55	9.64	15.7	60.2	6.93	1,195.8	0.86	18.21	-32.3
G209	5/1/2024	11:58	9.64	*Tubing Disconnected from Flow cell; readings invalid*						
G209	5/1/2024	12:01	9.64							
G209	5/1/2024	12:04	9.64							
G209	5/1/2024	12:07	9.64							
G209	5/1/2024	12:10	9.64	14.2	57.5	7.44	1,602.1	1.26	12.40	49.4
G209	5/1/2024	12:13	9.64	14.0	57.2	7.06	1,511.5	1.17	18.29	-12.5
G209	5/1/2024	12:16	9.64	13.9	57.1	7.01	1,535.6	0.87	10.85	-6.9

Site Samping Event: Coffeen- 2Q24
LIMS Workorder: 24041541
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Coffeen- 2Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G210	5/1/2024	11:00	9.90	14.6	58.4	7.22	886.9	1.61	11.35	133.1
G210	5/1/2024	11:03	9.90	14.7	58.4	7.21	889.4	1.28	13.36	139.2
G210	5/1/2024	11:06	9.90	14.8	58.6	7.21	889.9	1.14	16.54	142.3
G210	5/1/2024	11:09	9.90	14.7	58.5	7.21	889.7	1.05	19.04	144.1
G210	5/1/2024	11:12	9.90	14.8	58.6	7.21	888.9	0.97	22.08	145.2
G210	5/1/2024	11:15	9.90	14.8	58.7	7.20	888.4	0.91	25.44	145.8
G210	5/1/2024	11:18	9.90	14.8	58.7	7.21	888.0	0.88	29.48	145.9
G210	5/1/2024	11:21	9.90	14.9	58.8	7.20	887.4	0.85	32.07	146.0
G210	5/1/2024	11:24	9.90	14.9	58.7	7.21	887.3	0.81	34.15	145.9
G210	5/1/2024	11:27	9.90	14.8	58.7	7.21	886.3	0.79	37.29	145.9

Site Samping Event: Coffeen- 2Q24
LIMS Workorder: 24041541
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Coffeen- 2Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G211	5/1/2024	10:16	9.85	15.2	59.4	7.33	780.5	2.11	37.54	152.7
G211	5/1/2024	10:19	9.85	15.2	59.4	7.33	781.1	2.02	34.79	152.1
G211	5/1/2024	10:22	9.85	15.3	59.5	7.32	780.3	1.96	28.54	151.8
G211	5/1/2024	10:25	9.85	15.3	59.5	7.32	780.3	1.90	28.79	151.5
G211	5/1/2024	10:28	9.85	15.4	59.6	7.32	780.5	1.86	27.16	151.2
G211	5/1/2024	10:31	9.85	15.3	59.6	7.32	780.6	1.81	25.46	151.0
G211	5/1/2024	10:34	9.85	15.4	59.6	7.32	781.2	1.76	26.00	150.7
G211	5/1/2024	10:37	9.85	15.4	59.7	7.31	780.8	1.73	26.06	150.5
G211	5/1/2024	10:40	9.85	15.4	59.8	7.31	781.6	1.68	28.87	150.0

Site Samping Event: Coffeen- 2Q24
LIMS Workorder: 24041541
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Coffeen- 2Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G212	5/1/2024	9:43	10.30	14.3	57.7	7.18	677.4	1.65	4.68	137.7
G212	5/1/2024	9:46	10.30	14.4	57.9	7.18	679.4	1.38	4.54	135.4
G212	5/1/2024	9:49	10.30	14.5	58.1	7.18	680.0	1.30	4.58	133.7
G212	5/1/2024	9:52	10.30	14.6	58.2	7.19	681.3	1.24	4.65	132.7

Site Samping Event: Coffeen- 2Q24
LIMS Workorder: 24041541
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Coffeen- 2Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G213	5/6/2024	14:10	10.98	15.2	59.3	7.15	671.8	0.91	66.30	62.2
G213	5/6/2024	14:13	10.98	15.3	59.5	7.15	671.1	0.91	57.52	62.0
G213	5/6/2024	14:16	10.98	15.2	59.4	7.15	669.8	0.91	46.70	62.0
G213	5/6/2024	14:19	10.98	15.2	59.4	7.14	670.2	0.90	41.87	62.3
G213	5/6/2024	14:22	10.98	15.4	59.7	7.14	667.0	0.90	37.79	62.4
G213	5/6/2024	14:25	10.98	15.6	60.0	7.14	669.1	0.89	35.66	62.8
G213	5/6/2024	14:28	10.98	15.4	59.8	7.14	668.3	0.90	31.60	63.5

Site Samping Event: Coffeen- 2Q24
LIMS Workorder: 24041541
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Coffeen- 2Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G214	4/30/2024	13:56	13.98	14.9	58.8	7.17	951.6	3.17	12.84	78.2
G214	4/30/2024	13:59	13.98	14.8	58.7	7.14	954.1	2.78	19.54	78.2
G214	4/30/2024	14:02	13.98	14.8	58.7	7.11	957.0	2.33	23.06	78.2
G214	4/30/2024	14:05	13.98	14.9	58.8	7.10	959.9	2.05	37.06	78.3
G214	4/30/2024	14:08	13.98	14.7	58.5	7.09	960.1	1.79	46.88	78.2
G214	4/30/2024	14:11	13.98	14.8	58.6	7.09	961.6	1.64	51.15	78.3
G214	4/30/2024	14:14	13.98	14.8	58.7	7.08	962.0	1.54	54.01	78.7
G214	4/30/2024	14:17	13.98	14.8	58.6	7.08	962.9	1.41	56.68	78.8

Site Samping Event: Coffeen- 2Q24
LIMS Workorder: 24041541
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Coffeen- 2Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G215	4/30/2024	12:43	13.89	15.0	58.9	6.87	1,917.5	0.84	41.92	4.0
G215	4/30/2024	12:46	13.89	15.0	58.9	6.87	1,917.1	0.80	37.16	0.4
G215	4/30/2024	12:49	13.89	14.9	58.9	6.87	1,914.7	0.77	34.17	-1.4
G215	4/30/2024	12:52	13.89	15.0	59.0	6.86	1,914.2	0.75	34.60	-2.8
G215	4/30/2024	12:55	13.89	15.0	59.0	6.86	1,914.1	0.74	51.30	-3.9
G215	4/30/2024	12:58	13.89	15.0	59.1	6.86	1,912.4	0.72	22.85	-4.6
G215	4/30/2024	13:01	13.89	14.8	58.7	6.87	1,912.6	0.72	26.90	-5.3
G215	4/30/2024	13:04	13.89	14.9	58.9	6.86	1,911.3	0.71	36.25	-5.7
G215	4/30/2024	13:07	13.89	15.1	59.2	6.86	1,910.1	0.71	47.29	-6.3
G215	4/30/2024	13:10	13.89	15.1	59.2	6.86	1,911.1	0.70	14.69	-6.8
G215	4/30/2024	13:13	13.89	15.1	59.2	6.86	1,909.3	0.70	14.10	-7.2
G215	4/30/2024	13:16	13.89	15.1	59.2	6.87	1,908.6	0.70	17.96	-7.5
G215	4/30/2024	13:19	13.89	15.1	59.2	6.87	1,908.7	0.69	10.28	-7.8

Site Samping Event: Coffeen- 2Q24
LIMS Workorder: 24041541
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Coffeen- 2Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G216	4/30/2024	12:02	13.22	15.8	60.4	6.91	2,081.7	2.24	89.75	-39.9
G216	4/30/2024	12:05	13.22	15.7	60.3	6.91	2,083.2	2.26	73.60	-38.5
G216	4/30/2024	12:08	13.22	15.7	60.3	6.91	2,083.1	2.31	65.96	-37.7
G216	4/30/2024	12:11	13.22	15.8	60.5	6.92	2,082.2	2.37	61.79	-37.2
G216	4/30/2024	12:14	13.22	15.8	60.5	6.92	2,082.7	2.51	61.15	-36.6
G216	4/30/2024	12:17	13.22	15.8	60.5	6.93	2,082.9	2.55	57.33	-36.1
G216	4/30/2024	12:20	13.22	15.8	60.5	6.93	2,081.6	2.60	56.89	-35.9

Site Samping Event: Coffeen- 2Q24
LIMS Workorder: 24041541
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Coffeen- 2Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G217	5/2/2024	12:24	13.75	15.6	60.0	6.89	1,552.2	0.85	78.38	10.9
G217	5/2/2024	12:27	13.75	15.5	59.9	6.89	1,555.1	0.83	92.93	11.2
G217	5/2/2024	12:30	13.75	15.4	59.8	6.88	1,558.7	0.82	6.39	11.5
G217	5/2/2024	12:33	13.75	15.5	59.9	6.88	1,557.9	0.80	10.99	11.7
G217	5/2/2024	12:36	13.75	15.5	59.8	6.88	1,560.8	0.78	4.73	12.3
G217	5/2/2024	12:39	13.75	15.6	60.1	6.88	1,560.0	0.76	4.53	12.7

Site Samping Event: Coffeen- 2Q24
LIMS Workorder: 24041541
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Coffeen- 2Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G218	5/2/2024	11:20	12.93	15.5	59.9	6.90	1,530.4	0.78	74.04	-15.3
G218	5/2/2024	11:23	12.93	15.5	60.0	6.90	1,528.1	0.75	56.89	-16.1
G218	5/2/2024	11:26	12.93	15.6	60.1	6.90	1,527.2	0.72	65.16	-17.3
G218	5/2/2024	11:29	12.93	15.5	59.9	6.90	1,526.4	0.71	63.35	-18.1
G218	5/2/2024	11:32	12.93	15.6	60.1	6.90	1,525.7	0.68	47.05	-18.8
G218	5/2/2024	11:35	12.93	15.6	60.1	6.90	1,525.7	0.67	50.14	-19.4
G218	5/2/2024	11:38	12.93	15.7	60.2	6.90	1,524.9	0.66	29.11	-20.0
G218	5/2/2024	11:41	12.93	15.7	60.3	6.90	1,523.5	0.65	26.15	-20.4
G218	5/2/2024	11:44	12.93	15.7	60.2	6.90	1,523.9	0.65	29.00	-20.9
G218	5/2/2024	11:47	12.93	15.7	60.2	6.90	1,522.4	0.63	25.80	-21.4

Site Samping Event: Coffeen- 2Q24
LIMS Workorder: 24041541
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Coffeen- 2Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G270	5/8/2024	9:31	1.94	14.5	58.1	7.17	688.9	2.81	4.78	49.0
G270	5/8/2024	9:34	1.94	14.3	57.8	7.14	688.9	2.41	2.22	58.8
G270	5/8/2024	9:37	1.94	14.2	57.5	7.13	688.3	2.06	1.57	60.3
G270	5/8/2024	9:40	1.94	14.0	57.2	7.11	688.1	1.83	1.26	55.0

Site Samping Event: Coffeen- 2Q24
LIMS Workorder: 24041541
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Coffeen- 2Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G271	5/1/2024	13:28	8.40	13.4	56.2	7.26	945.4	5.00	2.15	114.5
G271	5/1/2024	13:31	8.40	13.7	56.7	7.23	950.5	4.78	3.88	114.7
G271	5/1/2024	13:34	8.40	14.2	57.5	7.10	1,022.0	2.87	3.88	115.0
G271	5/1/2024	13:37	8.40	14.2	57.6	7.06	1,076.4	1.22	4.33	112.9

Site Samping Event: Coffeen- 2Q24
LIMS Workorder: 24041541
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Coffeen- 2Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G272	5/1/2024	12:55	8.80	15.0	59.0	7.15	1,289.5	3.39	15.96	78.1
G272	5/1/2024	12:58	8.80	15.0	59.0	7.14	1,309.1	2.95	11.11	82.0
G272	5/1/2024	13:01	8.80	14.9	58.8	7.13	1,322.5	2.67	6.86	85.1
G272	5/1/2024	13:04	8.80	14.9	58.8	7.13	1,332.5	2.53	5.68	87.8
G272	5/1/2024	13:07	8.80	14.9	58.9	7.13	1,334.8	2.44	5.70	90.3
G272	5/1/2024	13:10	8.80	14.8	58.6	7.13	1,339.7	2.43	5.67	92.5

Site Samping Event: Coffeen- 2Q24
LIMS Workorder: 24041541
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Coffeen- 2Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G273	5/1/2024	12:18	8.65	13.9	57.1	6.99	1,546.9	0.80	7.30	-1.7
G273	5/1/2024	12:21	8.65	13.9	57.0	6.98	1,557.4	0.74	5.09	5.3
G273	5/1/2024	12:24	8.65	13.9	57.0	6.97	1,563.5	0.70	3.97	12.2
G273	5/1/2024	12:27	8.65	13.9	57.0	6.97	1,567.7	0.68	3.32	18.6
G273	5/1/2024	12:30	8.65	13.9	57.0	6.97	1,570.3	0.66	3.02	24.3

Site Samping Event: Coffeen- 2Q24
LIMS Workorder: 24041541
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Coffeen- 2Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G274	5/1/2024	14:03	12.38	14.8	58.6	7.12	874.6	3.19	21.92	34.3
G274	5/1/2024	14:06	12.38	14.8	58.6	7.12	859.1	3.36	19.11	34.9
G274	5/1/2024	14:09	12.38	14.6	58.4	7.12	857.6	3.37	12.75	37.3
G274	5/1/2024	14:12	12.38	14.7	58.5	7.11	874.3	3.24	8.75	41.2
G274	5/1/2024	14:12	12.38	14.7	58.5	7.11	874.2	3.23	8.65	41.3
G274	5/1/2024	14:15	12.38	14.7	58.5	7.11	901.2	2.98	7.25	45.0
G274	5/1/2024	14:18	12.38	14.6	58.3	7.10	926.8	2.73	5.92	50.0
G274	5/1/2024	14:21	12.38	14.7	58.4	7.09	951.2	2.50	4.65	54.1

Site Samping Event: Coffeen- 2Q24
LIMS Workorder: 24041541
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Coffeen- 2Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G275	5/2/2024	10:21	12.64	16.2	61.1	6.93	1,025.3	5.16	18.42	53.7
G275	5/2/2024	10:24	12.64	16.4	61.5	6.93	1,027.4	5.08	17.83	58.0
G275	5/2/2024	10:27	12.64	16.4	61.5	6.93	1,025.5	5.06	17.38	62.2
G275	5/2/2024	10:30	12.64	16.3	61.3	6.93	1,026.0	5.03	18.60	66.2
G275	5/2/2024	10:33	12.64	16.4	61.5	6.93	1,027.0	4.95	19.58	70.3

Site Samping Event: Coffeen- 2Q24
LIMS Workorder: 24041541
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Coffeen- 2Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G275D	5/2/2024	9:37	46.64	17.4	63.3	7.19	1,495.3	0.73	35.49	-113.3
G275D	5/2/2024	9:40	46.64	17.5	63.5	7.20	1,496.8	0.70	47.86	-114.7
G275D	5/2/2024	9:43	46.64	17.6	63.6	7.20	1,497.8	0.66	54.46	-114.4
G275D	5/2/2024	9:46	46.64	17.5	63.4	7.21	1,500.4	0.64	62.66	-112.4
G275D	5/2/2024	9:49	46.64	17.5	63.5	7.22	1,501.5	0.62	69.36	-109.9
G275D	5/2/2024	9:52	46.64	17.5	63.5	7.22	1,502.7	0.60	68.93	-107.4
G275D	5/2/2024	9:55	46.64	17.6	63.6	7.23	1,504.1	0.59	65.97	-106.2
G275D	5/2/2024	9:58	46.64	17.7	63.8	7.23	1,503.7	0.58	64.88	-105.5

Site Samping Event: Coffeen- 2Q24
LIMS Workorder: 24041541
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Coffeen- 2Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G276	5/7/2024	11:24	26.70	17.9	64.3	6.91	1,214.2	5.47	18.12	55.1
G276	5/7/2024	11:27	26.70	18.0	64.4	6.90	1,207.2	5.40	21.11	55.6
G276	5/7/2024	11:30	26.70	18.3	64.9	6.88	1,211.6	5.31	20.95	56.0
G276	5/7/2024	11:33	26.70	18.5	65.4	6.87	1,211.3	5.25	16.29	56.5
G276	5/7/2024	11:36	26.70	18.5	65.4	6.86	1,215.1	5.17	44.11	57.4
G276	5/7/2024	11:39	26.70	18.0	64.4	6.85	1,219.2	5.18	11.72	58.3
G276	5/7/2024	11:42	26.70	17.9	64.1	6.84	1,214.0	5.17	9.19	59.3
G276	5/7/2024	11:45	26.70	18.1	64.6	6.83	1,214.5	5.02	10.30	59.5

Site Samping Event: Coffeen- 2Q24
LIMS Workorder: 24041541
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Coffeen- 2Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G277	5/7/2024	9:25	19.56	14.3	57.8	6.90	1,656.8	5.41	14.70	119.7
G277	5/7/2024	9:28	19.56	14.6	58.3	6.90	1,698.7	5.08	12.17	116.4
G277	5/7/2024	9:31	19.56	14.8	58.6	6.89	1,743.1	4.93	7.52	114.0
G277	5/7/2024	9:34	19.56	15.0	59.0	6.88	1,794.4	4.66	6.12	111.7
G277	5/7/2024	9:37	19.56	15.2	59.3	6.88	1,813.9	4.53	6.49	109.2
G277	5/7/2024	9:40	19.56	15.4	59.7	6.88	1,825.5	4.56	4.28	107.2

Site Samping Event: Coffeen- 2Q24
LIMS Workorder: 24041541
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Coffeen- 2Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G278	5/7/2024	12:55	23.97	17.8	64.0	6.75	2,776.6	2.80	15.65	77.7
G278	5/7/2024	12:58	23.97	17.9	64.2	6.76	2,245.9	3.11	9.66	74.3
G278	5/7/2024	13:01	23.97	17.8	64.0	6.75	2,125.3	3.28	4.25	74.3
G278	5/7/2024	13:04	23.97	17.6	63.7	6.73	2,190.7	3.23	4.11	75.3
G278	5/7/2024	13:07	23.97	17.6	63.7	6.72	2,277.2	2.99	5.58	76.4
G278	5/7/2024	13:10	23.97	18.2	64.7	6.70	2,401.0	2.79	3.97	77.2
G278	5/7/2024	13:13	23.97	18.0	64.4	6.68	2,540.5	2.54	43.56	78.2
G278	5/7/2024	13:16	23.97	18.3	64.9	6.67	2,615.2	2.33	40.39	78.5
G278	5/7/2024	13:19	23.97	19.4	66.9	6.67	2,652.6	2.31	2.09	77.7
G278	5/7/2024	13:22	23.97	19.6	67.2	6.67	2,692.5	2.28	36.33	77.4
G278	5/7/2024	13:25	23.97	19.4	66.9	6.67	2,742.9	2.11	2.51	78.0
G278	5/7/2024	13:28	23.97	19.8	67.6	6.67	2,768.5	2.07	2.02	78.3
G278	5/7/2024	13:31	23.97	19.7	67.5	6.68	2,756.8	2.06	1.95	78.1

Site Samping Event: Coffeen- 2Q24
LIMS Workorder: 24041541
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Coffeen- 2Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G279	5/3/2024	9:25	21.98	16.2	61.2	6.87	1,947.1	4.85	2.25	105.4
G279	5/3/2024	9:28	21.98	16.6	61.8	6.85	2,095.9	4.63	2.10	111.1
G279	5/3/2024	9:31	21.98	16.7	62.0	6.82	2,406.4	3.85	2.04	115.9
G279	5/3/2024	9:34	21.98	16.7	62.0	6.80	2,552.1	3.06	2.04	118.7
G279	5/3/2024	9:37	21.98	16.7	62.0	6.80	2,567.9	2.67	1.95	120.3
G279	5/3/2024	9:40	21.98	16.6	61.9	6.81	2,556.4	2.58	1.92	122.0

Site Samping Event: Coffeen- 2Q24
LIMS Workorder: 24041541
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Coffeen- 2Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G280	5/6/2024	13:49	3.86	14.2	57.6	7.32	832.2	0.49	68.90	73.7
G280	5/6/2024	13:52	3.86	13.9	57.0	7.31	830.9	0.38	39.17	73.4
G280	5/6/2024	13:55	3.86	13.9	57.0	7.31	830.8	0.31	31.92	73.0
G280	5/6/2024	13:58	3.86	13.8	56.8	7.31	831.2	0.26	25.82	72.5
G280	5/6/2024	14:01	3.86	13.8	56.8	7.31	832.2	0.23	22.57	72.1
G280	5/6/2024	14:04	3.86	13.8	56.8	7.30	833.2	0.21	19.60	71.8
G280	5/6/2024	14:07	3.86	13.7	56.7	7.31	833.7	0.19	18.68	71.1

Site Samping Event: Coffeen- 2Q24
LIMS Workorder: 24041541
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Coffeen- 2Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G281	5/3/2024	10:18	4.24	13.8	56.8	6.95	1,326.3	0.19	72.31	96.1
G281	5/3/2024	10:21	4.24	13.8	56.8	6.95	1,326.5	0.17	60.36	94.2
G281	5/3/2024	10:24	4.24	13.7	56.7	6.96	1,328.7	0.16	62.61	92.5
G281	5/3/2024	10:27	4.24	13.7	56.7	6.96	1,327.1	0.15	62.55	91.0

Site Samping Event: Coffeen- 2Q24
LIMS Workorder: 24041541
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Coffeen- 2Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G283	5/6/2024	10:35	4.18	12.7	54.9	7.05	1,196.6	0.77	21.74	-71.5
G283	5/6/2024	10:38	4.18	12.8	55.0	7.05	1,196.3	0.76	12.78	-71.8
G283	5/6/2024	10:41	4.18	12.8	55.0	7.05	1,197.2	0.74	12.12	-72.2
G283	5/6/2024	10:44	4.18	12.8	55.0	7.05	1,197.2	0.73	8.68	-72.6
G283	5/6/2024	10:47	4.18	12.8	55.0	7.05	1,197.1	0.72	6.43	-72.8
G283	5/6/2024	10:50	4.18	12.8	55.0	7.05	1,197.2	0.70	5.19	-73.1
G283	5/6/2024	10:53	4.18	12.7	54.9	7.05	1,197.4	0.70	4.90	-73.3
G283	5/6/2024	10:56	4.18	12.7	54.9	7.05	1,196.7	0.69	4.92	-73.3
G283	5/6/2024	10:59	4.18	13.1	55.5	7.05	1,192.3	0.69	6.54	-73.6

Site Samping Event: Coffeen- 2Q24
LIMS Workorder: 24041541
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Coffeen- 2Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G284	5/6/2024	11:18	10.00	12.6	54.6	7.30	660.3	5.33	3.10	41.6
G284	5/6/2024	11:21	10.00	12.6	54.7	7.27	683.1	4.49	2.50	44.1
G284	5/6/2024	11:24	10.00	12.6	54.8	7.25	696.5	3.98	2.28	45.7
G284	5/6/2024	11:27	10.00	12.6	54.8	7.23	703.6	3.64	1.61	47.0
G284	5/6/2024	11:30	10.00	12.6	54.6	7.22	710.4	3.29	0.86	48.4
G284	5/6/2024	11:33	10.00	12.6	54.6	7.20	713.8	3.09	0.72	50.1
G284	5/6/2024	11:36	10.00	12.5	54.5	7.20	717.2	2.89	0.75	52.0

Site Samping Event: Coffeen- 2Q24
LIMS Workorder: 24041541
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Coffeen- 2Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G285	5/6/2024	12:13	4.80	13.1	55.7	6.70	2,001.4	0.69	8.52	79.5
G285	5/6/2024	12:16	4.80	13.1	55.7	6.70	2,001.0	0.68	8.69	79.4
G285	5/6/2024	12:19	4.80	13.1	55.7	6.70	2,001.4	0.67	9.57	79.2
G285	5/6/2024	12:22	4.80	13.1	55.5	6.70	2,003.8	0.66	7.80	79.1

Site Samping Event: Coffeen- 2Q24
LIMS Workorder: 24041541
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Coffeen- 2Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G301	5/6/2024	10:10	6.18	14.1	57.4	6.32	1,086.9	1.15	4.32	-53.2
G301	5/6/2024	10:13	6.18	14.1	57.3	6.26	1,081.2	0.97	4.69	-49.0
G301	5/6/2024	10:16	6.18	14.1	57.4	6.24	1,076.6	0.86	4.97	-47.2
G301	5/6/2024	10:19	6.18	14.2	57.5	6.24	1,074.9	0.80	4.36	-45.6
G301	5/6/2024	10:22	6.18	14.2	57.6	6.25	1,072.3	0.75	3.81	-43.5
G301	5/6/2024	10:25	6.18	14.2	57.6	6.25	1,071.4	0.71	4.04	-41.4
G301	5/6/2024	10:28	6.18	14.3	57.7	6.26	1,068.7	0.69	3.60	-39.8

Site Samping Event: Coffeen- 2Q24
LIMS Workorder: 24041541
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Coffeen- 2Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G302	5/6/2024	11:30	5.52	14.1	57.4	6.60	1,588.2	1.73	9.81	-109.8
G302	5/6/2024	11:33	5.52	14.0	57.1	6.55	1,588.1	1.33	6.96	-103.8
G302	5/6/2024	11:36	5.52	13.9	57.1	6.52	1,587.2	1.15	7.33	-97.1
G302	5/6/2024	11:39	5.52	13.9	57.0	6.51	1,585.3	1.02	8.32	-91.5
G302	5/6/2024	11:42	5.52	13.9	57.0	6.50	1,584.9	0.94	9.87	-86.8
G302	5/6/2024	11:45	5.52	13.9	57.0	6.49	1,585.6	0.87	5.16	-83.2
G302	5/6/2024	11:48	5.52	13.8	56.9	6.49	1,584.5	0.92	4.65	-79.3
G302	5/6/2024	11:51	5.52	13.9	57.0	6.49	1,583.2	0.85	2.84	-76.5
G302	5/6/2024	11:54	5.52	13.9	57.0	6.49	1,581.9	0.86	3.24	-73.7

Site Samping Event: Coffeen- 2Q24
LIMS Workorder: 24041541
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Coffeen- 2Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G303	5/1/2024	10:31	3.69	14.8	58.6	6.68	1,896.3	1.80	8.35	-28.0
G303	5/1/2024	10:34	3.69	14.4	58.0	6.69	1,868.5	1.74	34.51	-29.6
G303	5/1/2024	10:37	3.69	14.4	57.9	6.68	1,858.6	1.55	78.58	-29.8
G303	5/1/2024	10:40	3.69	14.4	57.9	6.68	1,857.4	1.49	52.98	-29.4
G303	5/1/2024	10:43	3.69	14.4	57.8	6.68	1,854.8	1.35	52.80	-28.8
G303	5/1/2024	10:46	3.69	14.4	57.9	6.68	1,853.5	1.27	35.38	-28.0
G303	5/1/2024	10:49	3.69	14.4	57.8	6.69	1,855.9	1.22	71.31	-27.0

Site Samping Event: Coffeen- 2Q24
LIMS Workorder: 24041541
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Coffeen- 2Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G305	5/1/2024	14:20	6.04	14.8	58.6	7.16	1,621.4	2.56	9.48	60.4
G305	5/1/2024	14:23	6.04	14.7	58.5	7.14	1,619.6	2.18	9.93	57.8
G305	5/1/2024	14:26	6.04	14.6	58.3	7.13	1,618.2	1.99	27.04	56.7
G305	5/1/2024	14:29	6.04	14.6	58.4	7.12	1,615.8	1.72	28.91	56.4
G305	5/1/2024	14:32	6.04	14.6	58.3	7.11	1,617.5	1.62	97.68	56.3
G305	5/1/2024	14:35	6.04	14.6	58.2	7.10	1,617.3	1.54	7.08	56.0
G305	5/1/2024	14:38	6.04	14.6	58.3	7.10	1,616.5	1.33	20.43	55.8
G305	5/1/2024	14:41	6.04	14.6	58.2	7.09	1,617.6	1.22	11.25	55.6

Site Samping Event: Coffeen- 2Q24
LIMS Workorder: 24041541
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Coffeen- 2Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G306	5/1/2024	13:23	5.42	13.7	56.7	6.47	685.7	4.96	74.85	70.1
G306	5/1/2024	13:26	5.42	13.7	56.6	6.47	684.4	4.92	70.65	71.4
G306	5/1/2024	13:29	5.42	13.7	56.6	6.47	687.7	4.87	68.56	72.3
G306	5/1/2024	13:32	5.42	13.7	56.7	6.46	685.5	4.93	60.49	73.4
G306	5/1/2024	13:35	5.42	13.7	56.6	6.45	684.3	4.76	51.53	74.3
G306	5/1/2024	13:38	5.42	13.7	56.6	6.44	683.6	4.65	43.51	75.2
G306	5/1/2024	13:41	5.42	13.7	56.6	6.43	682.3	4.54	40.27	76.2
G306	5/1/2024	13:44	5.42	13.7	56.6	6.43	681.5	4.48	38.11	77.0
G306	5/1/2024	13:47	5.42	13.7	56.7	6.42	682.5	4.40	36.14	77.7

Site Samping Event: Coffeen- 2Q24
LIMS Workorder: 24041541
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Coffeen- 2Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G307	5/2/2024	14:08	0.00	21.3	70.3	7.04	1,117.8	2.56	136.14	-4.8
G307	5/2/2024	14:11	0.00	21.5	70.7	7.04	1,122.3	2.49	128.55	-3.3
G307	5/2/2024	14:14	0.00	21.6	70.8	7.04	1,122.1	2.44	123.17	-1.5
G307	5/2/2024	14:17	0.00	22.0	71.7	7.04	1,120.4	2.36	118.54	-0.1
G307	5/2/2024	14:20	0.00	22.2	72.0	7.03	1,124.4	2.35	108.36	1.4
G307	5/2/2024	14:23	0.00	22.2	71.9	7.04	1,122.6	2.28	98.80	2.9
G307	5/2/2024	14:26	0.00	21.9	71.5	7.04	1,123.4	2.25	89.28	4.4
G307	5/2/2024	14:29	0.00	22.1	71.8	7.03	1,119.8	2.15	85.22	5.6
G307	5/2/2024	14:32	0.00	22.3	72.2	7.03	1,121.1	2.14	75.20	6.5

Site Samping Event: Coffeen- 2Q24
LIMS Workorder: 24041541
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Coffeen- 2Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G307D	5/2/2024	11:23	2.83	15.9	60.7	7.18	1,270.8	1.42	33.69	-53.7
G307D	5/2/2024	11:26	2.83	16.1	60.9	7.20	1,242.9	1.73	27.95	-55.0
G307D	5/2/2024	11:29	2.83	16.1	60.9	7.21	1,216.7	2.37	26.36	-49.9
G307D	5/2/2024	11:32	2.83	16.5	61.7	7.19	1,203.6	2.79	27.97	-43.5
G307D	5/2/2024	11:35	2.83	16.8	62.2	7.18	1,201.0	3.01	30.22	-38.6

Site Samping Event: Coffeen- 2Q24
LIMS Workorder: 24041541
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Coffeen- 2Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G308	5/2/2024	12:38	4.12	14.1	57.4	7.20	1,697.8	1.06	4.14	63.4
G308	5/2/2024	12:41	4.12	14.2	57.5	7.18	1,698.3	0.92	3.55	61.2
G308	5/2/2024	12:44	4.12	14.1	57.3	7.16	1,700.9	0.84	2.93	59.5
G308	5/2/2024	12:47	4.12	14.0	57.2	7.15	1,698.7	0.78	2.63	58.0
G308	5/2/2024	12:50	4.12	14.0	57.2	7.14	1,697.1	0.74	2.36	56.8
G308	5/2/2024	12:53	4.12	14.1	57.3	7.14	1,694.9	0.71	2.40	55.6

Site Samping Event: Coffeen- 2Q24
LIMS Workorder: 24041541
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Coffeen- 2Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G310	5/3/2024	9:34	7.23	13.3	56.0	6.79	1,202.0	1.27	4.29	31.3
G310	5/3/2024	9:37	7.23	13.3	55.9	6.76	1,198.4	1.04	3.98	30.6
G310	5/3/2024	9:40	7.23	13.3	55.9	6.74	1,197.2	0.92	3.63	30.4
G310	5/3/2024	9:43	7.23	13.3	55.9	6.74	1,196.5	0.84	3.14	30.6
G310	5/3/2024	9:46	7.23	13.3	55.9	6.74	1,196.5	0.79	2.42	30.8
G310	5/3/2024	9:49	7.23	13.3	55.9	6.74	1,196.0	0.75	2.23	31.1
G310	5/3/2024	9:52	7.23	13.3	55.9	6.74	1,197.2	0.71	2.19	31.5
G310	5/3/2024	9:55	7.23	13.4	56.0	6.74	1,197.6	0.69	2.02	31.8

Site Samping Event: Coffeen- 2Q24
LIMS Workorder: 24041541
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Coffeen- 2Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G312	5/6/2024	12:56	10.18	13.8	56.9	6.13	1,816.5	1.19	2.73	22.0
G312	5/6/2024	12:59	10.18	13.7	56.7	6.13	1,881.6	1.07	4.66	19.5
G312	5/6/2024	13:02	10.18	13.7	56.7	6.14	1,941.6	0.98	2.57	18.6
G312	5/6/2024	13:05	10.18	13.7	56.6	6.14	1,990.6	0.92	2.14	18.9
G312	5/6/2024	13:08	10.18	13.6	56.5	6.15	2,030.0	0.88	2.81	21.3
G312	5/6/2024	13:11	10.18	13.6	56.5	6.15	2,072.3	0.83	4.80	24.1
G312	5/6/2024	13:14	10.18	13.7	56.6	6.15	2,094.7	0.80	13.46	26.7
G312	5/6/2024	13:17	10.18	13.7	56.6	6.15	2,113.1	0.78	11.32	28.9
G312	5/6/2024	13:20	10.18	13.7	56.7	6.15	2,125.4	0.75	4.91	30.8
G312	5/6/2024	13:23	10.18	13.7	56.7	6.15	2,137.5	0.73	3.08	32.4
G312	5/6/2024	13:26	10.18	13.8	56.8	6.16	2,149.1	0.71	4.09	33.9
G312	5/6/2024	13:29	10.18	13.8	56.8	6.16	2,159.1	0.69	3.61	35.2

Site Samping Event: Coffeen- 2Q24
LIMS Workorder: 24041541
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Coffeen- 2Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G313	5/1/2024	11:58	3.01	14.2	57.6	6.82	1,715.6	1.09	12.19	59.1
G313	5/1/2024	12:01	3.01	14.3	57.7	6.81	1,715.3	0.93	16.53	56.8
G313	5/1/2024	12:04	3.01	14.2	57.6	6.81	1,720.3	0.83	16.15	55.0
G313	5/1/2024	12:07	3.01	14.1	57.4	6.81	1,721.8	0.77	20.52	53.3
G313	5/1/2024	12:10	3.01	14.1	57.4	6.81	1,720.8	0.72	25.27	52.0
G313	5/1/2024	12:13	3.01	14.1	57.3	6.81	1,720.9	0.69	31.82	51.2

Site Samping Event: Coffeen- 2Q24
LIMS Workorder: 24041541
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Coffeen- 2Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G314	4/30/2024	13:49	5.48	13.7	56.6	6.59	3,492.4	0.92	20.65	-6.7
G314	4/30/2024	13:52	5.48	13.7	56.7	6.58	3,496.5	0.82	34.63	-5.7
G314	4/30/2024	13:55	5.48	13.6	56.6	6.58	3,488.8	0.76	88.76	-5.1
G314	4/30/2024	13:58	5.48	13.8	56.8	6.57	3,495.2	0.72	164.74	-5.2
G314	4/30/2024	14:01	5.48	13.7	56.7	6.57	3,499.7	0.68	184.89	-5.3
G314	4/30/2024	14:04	5.48	13.6	56.5	6.57	3,498.2	0.66	212.75	-5.4
G314	4/30/2024	14:07	5.48	13.8	56.8	6.57	3,494.3	0.64	6.57	-5.7
G314	4/30/2024	14:10	5.48	13.8	56.8	6.56	3,493.0	0.62	11.74	-5.9
G314	4/30/2024	14:13	5.48	13.7	56.6	6.56	3,483.8	0.61	16.21	-6.3

Site Samping Event: Coffeen- 2Q24
LIMS Workorder: 24041541
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Coffeen- 2Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G314D	4/30/2024	12:52	5.82	14.6	58.3	6.80	2,745.8	0.63	63.32	-52.4
G314D	4/30/2024	12:55	5.82	14.6	58.3	6.83	2,736.1	0.61	91.69	-49.8
G314D	4/30/2024	12:58	5.82	14.5	58.0	6.89	2,724.1	0.59	127.11	-46.8
G314D	4/30/2024	13:01	5.82	14.6	58.3	6.93	2,718.2	0.58	176.12	-43.4
G314D	4/30/2024	13:04	5.82	14.6	58.4	6.95	2,720.7	0.57	177.93	-40.0
G314D	4/30/2024	13:07	5.82	14.6	58.4	6.96	2,722.4	0.56	178.65	-36.7

Site Samping Event: Coffeen- 2Q24
LIMS Workorder: 24041541
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Coffeen- 2Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G315	5/2/2024	10:16	2.34	14.4	57.9	6.81	1,178.6	1.16	3.06	10.1
G315	5/2/2024	10:19	2.34	14.3	57.7	6.80	1,175.5	1.04	2.83	11.0
G315	5/2/2024	10:22	2.34	14.3	57.8	6.78	1,173.6	0.95	2.54	11.8
G315	5/2/2024	10:25	2.34	14.3	57.8	6.78	1,173.4	0.88	2.16	12.7
G315	5/2/2024	10:28	2.34	14.3	57.7	6.78	1,172.2	0.84	2.10	13.8
G315	5/2/2024	10:31	2.34	14.3	57.7	6.77	1,170.1	0.80	1.96	14.7

Site Samping Event: Coffeen- 2Q24
LIMS Workorder: 24041541
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Coffeen- 2Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G316	4/30/2024	11:32	10.95	12.3	54.1	6.84	1,861.9	1.16	11.74	-55.8
G316	4/30/2024	11:35	10.95	12.3	54.1	6.82	1,884.0	0.98	10.59	-63.8
G316	4/30/2024	11:38	10.95	12.3	54.1	6.81	1,896.4	0.88	11.06	-69.0
G316	4/30/2024	11:41	10.95	12.4	54.3	6.81	1,893.4	0.81	10.20	-72.8
G316	4/30/2024	11:44	10.95	12.4	54.3	6.82	1,894.4	0.76	9.51	-75.6
G316	4/30/2024	11:47	10.95	12.4	54.3	6.82	1,895.2	0.73	9.20	-78.1
G316	4/30/2024	11:50	10.95	12.4	54.3	6.82	1,897.8	0.69	8.73	-79.7
G316	4/30/2024	11:53	10.95	12.4	54.2	6.83	1,901.0	0.67	8.39	-81.3
G316	4/30/2024	11:56	10.95	12.4	54.4	6.83	1,896.2	0.65	7.79	-82.3

Site Samping Event: Coffeen- 2Q24
LIMS Workorder: 24041541
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Coffeen- 2Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G401	5/2/2024	13:48	20.94	17.2	63.0	5.99	1,446.5	1.82	99.02	90.3
G401	5/2/2024	13:57	20.94	17.0	62.5	5.93	1,260.2	1.34	8.90	104.2
G401	5/2/2024	14:00	20.94	16.9	62.5	5.91	1,303.5	1.23	6.26	92.5
G401	5/2/2024	14:03	20.94	17.3	63.2	5.90	1,341.0	1.16	4.91	81.9
G401	5/2/2024	14:06	20.94	17.8	64.0	5.89	1,395.7	1.11	4.24	71.7

Site Samping Event: Coffeen- 2Q24
LIMS Workorder: 24041541
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Coffeen- 2Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G402	5/6/2024	11:42	8.74	14.1	57.3	6.97	1,662.4	6.82	15.00	108.5
G402	5/6/2024	11:45	8.74	14.1	57.3	6.98	1,663.0	7.04	16.34	109.0
G402	5/6/2024	11:48	8.74	14.0	57.3	6.99	1,663.6	7.17	17.13	109.4
G402	5/6/2024	11:51	8.74	14.0	57.2	7.00	1,665.3	7.37	24.94	109.9
G402	5/6/2024	11:54	8.74	14.0	57.2	7.01	1,665.3	7.61	25.24	110.2
G402	5/6/2024	11:57	8.74	14.0	57.2	7.01	1,665.8	7.54	29.75	110.9
G402	5/6/2024	12:00	8.74	14.0	57.2	7.02	1,666.7	7.65	38.01	111.3

Site Samping Event: Coffeen- 2Q24
LIMS Workorder: 24041541
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Coffeen- 2Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G403	5/6/2024	10:19	6.26	14.4	57.8	6.86	716.4	0.68	7.82	82.2
G403	5/6/2024	10:22	6.26	14.4	57.9	6.85	717.0	0.41	6.17	76.5
G403	5/6/2024	10:25	6.26	14.4	57.9	6.85	716.2	0.34	5.65	73.0
G403	5/6/2024	10:28	6.26	14.5	58.1	6.85	716.9	0.30	6.25	70.2

Site Samping Event: Coffeen- 2Q24
LIMS Workorder: 24041541
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Coffeen- 2Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G404	5/6/2024	12:35	3.80	13.7	56.6	6.83	1,391.1	0.71	2.98	102.1
G404	5/6/2024	12:38	3.80	14.0	57.2	6.86	1,171.4	1.04	3.65	94.4
G404	5/6/2024	12:41	3.80	14.0	57.2	6.85	1,148.8	1.03	2.89	91.0
G404	5/6/2024	12:44	3.80	13.9	57.1	6.84	1,150.3	1.09	3.05	88.6

Site Samping Event: Coffeen- 2Q24
LIMS Workorder: 24041541
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Coffeen- 2Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G405	5/6/2024	13:04	6.05	13.9	57.1	7.04	1,606.2	1.59	10.61	77.9
G405	5/6/2024	13:07	6.05	14.0	57.3	6.96	1,828.7	0.84	7.71	68.8
G405	5/6/2024	13:10	6.05	14.1	57.4	6.95	1,854.7	0.64	7.49	63.0
G405	5/6/2024	13:13	6.05	14.0	57.3	6.96	1,818.5	0.71	8.10	59.3

Site Samping Event: Coffeen- 2Q24
LIMS Workorder: 24041541
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Coffeen- 2Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G406	5/6/2024	10:53	10.24	15.0	58.9	6.67	1,387.6	1.07	2.49	102.1
G406	5/6/2024	10:56	10.24	14.9	58.8	6.65	1,385.1	0.75	2.35	101.5
G406	5/6/2024	10:59	10.24	14.9	58.8	6.65	1,386.0	0.55	2.28	100.5
G406	5/6/2024	11:02	10.24	14.9	58.8	6.65	1,380.5	0.45	2.12	100.0
G406	5/6/2024	11:05	10.24	14.9	58.8	6.65	1,371.7	0.36	1.36	99.9

Site Samping Event: Coffeen- 2Q24
LIMS Workorder: 24041541
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Coffeen- 2Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G407	4/29/2024	14:25	4.27	14.3	57.7	6.61	2,200.6	1.28	42.72	100.7
G407	4/29/2024	14:28	4.27	14.2	57.6	6.64	2,125.0	1.44	59.54	99.6
G407	4/29/2024	14:31	4.27	14.2	57.5	6.67	2,097.6	1.69	66.85	99.1
G407	4/29/2024	14:34	4.27	14.5	58.1	6.67	2,101.2	1.75	71.68	98.6
G407	4/29/2024	14:37	4.27	14.5	58.2	6.67	2,116.1	1.75	86.10	98.2
G407	4/29/2024	14:40	4.27	14.6	58.3	6.67	2,139.2	1.72	42.10	97.9
G407	4/29/2024	14:43	4.27	14.7	58.4	6.67	2,165.6	1.66	44.51	97.7
G407	4/29/2024	14:46	4.27	14.8	58.6	6.66	2,186.8	1.60	42.77	97.6
G407	4/29/2024	14:49	4.27	14.8	58.7	6.66	2,202.7	1.54	54.10	97.4
G407	4/29/2024	14:52	4.27	14.8	58.7	6.65	2,211.6	1.48	71.17	97.4

Site Samping Event: Coffeen- 2Q24
LIMS Workorder: 24041541
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Coffeen- 2Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G410	4/30/2024	10:18	6.21	12.9	55.2	6.16	1,017.8	1.26	2.74	46.3
G410	4/30/2024	10:21	6.21	12.9	55.3	6.16	1,029.7	1.08	2.06	44.8
G410	4/30/2024	10:24	6.21	12.9	55.2	6.16	1,036.4	0.97	1.85	43.5
G410	4/30/2024	10:27	6.21	12.9	55.2	6.18	1,038.6	0.89	1.71	41.8
G410	4/30/2024	10:30	6.21	12.9	55.2	6.20	1,043.1	0.84	1.66	39.7
G410	4/30/2024	10:33	6.21	12.9	55.3	6.21	1,045.9	0.80	1.61	38.8
G410	4/30/2024	10:36	6.21	12.9	55.1	6.21	1,045.7	0.77	1.54	38.0

Site Samping Event: Coffeen- 2Q24
LIMS Workorder: 24041541
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Coffeen- 2Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G411	4/29/2024	12:59	4.33	13.2	55.8	7.04	861.1	0.98	5.53	107.4
G411	4/29/2024	13:02	4.33	13.2	55.8	7.04	862.8	0.91	8.27	105.8
G411	4/29/2024	13:05	4.33	13.2	55.8	7.04	865.4	0.86	10.05	104.6
G411	4/29/2024	13:08	4.33	13.2	55.7	7.04	865.8	0.82	14.01	103.6
G411	4/29/2024	13:11	4.33	13.2	55.8	7.04	866.1	0.79	16.20	102.6

Site Samping Event: Coffeen- 2Q24
LIMS Workorder: 24041541
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Coffeen- 2Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
L202	5/8/2024	11:11	-	20.5	68.9	11.87	13,935.1	5.12	5.92	-43.3

Site Samping Event: Coffeen- 2Q24
LIMS Workorder: 24041541
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Coffeen- 2Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
NE Riser	4/29/2024	13:04	1.05	DTW Only						

Site Samping Event: Coffeen- 2Q24
LIMS Workorder: 24041541
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Coffeen- 2Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
R104	5/2/2024	12:51	6.85	16.9	62.4	7.47	784.4	4.55	4.41	91.1
R104	5/2/2024	12:54	6.85	17.1	62.8	7.47	786.6	4.55	4.31	92.1
R104	5/2/2024	12:57	6.85	17.4	63.2	7.47	789.5	4.58	4.26	93.0
R104	5/2/2024	13:00	6.85	17.4	63.4	7.47	789.0	4.55	4.01	93.6

Site Samping Event: Coffeen- 2Q24
LIMS Workorder: 24041541
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Coffeen- 2Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
R201	5/7/2024	12:34	2.59	16.4	61.5	7.03	986.3	2.48	9.71	-4.5
R201	5/7/2024	12:37	2.59	16.2	61.1	7.03	985.8	2.32	7.97	-9.7
R201	5/7/2024	12:40	2.59	16.1	61.0	7.03	985.7	2.16	6.75	-10.5
R201	5/7/2024	12:43	2.59	16.2	61.2	7.03	986.0	2.05	6.83	-14.0

Site Samping Event: Coffeen- 2Q24
LIMS Workorder: 24041541
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Coffeen- 2Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
R205	5/7/2024	13:34	4.29	16.3	61.3	6.75	1,314.1	2.85	9.15	89.6
R205	5/7/2024	13:37	4.29	15.8	60.5	6.75	1,310.0	2.66	5.26	86.9
R205	5/7/2024	13:40	4.29	15.7	60.3	6.75	1,308.0	2.52	4.18	86.6
R205	5/7/2024	13:43	4.29	15.2	59.4	6.75	1,298.5	2.29	9.63	85.1
R205	5/7/2024	13:46	4.29	15.2	59.3	6.75	1,296.9	2.11	7.63	84.6

Site Samping Event: Coffeen- 2Q24
LIMS Workorder: 24041541
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Coffeen- 2Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
SG-02	4/29/2024	15:29	6.68	DTW Only						

Site Samping Event: Coffeen- 2Q24
LIMS Workorder: 24041541
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Coffeen- 2Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
SG-03	4/29/2024	10:27	7.94	DTW Only						

Site Samping Event: Coffeen- 2Q24
LIMS Workorder: 24041541
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Coffeen- 2Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
T127	5/6/2024	14:48	13.81	15.1	59.3	7.03	719.4	2.61	82.03	53.1
T127	5/6/2024	14:51	13.81	15.1	59.2	7.02	718.8	2.45	61.90	51.6
T127	5/6/2024	14:54	13.81	15.1	59.1	7.01	718.2	2.31	52.98	50.7
T127	5/6/2024	14:57	13.81	15.0	58.9	7.00	717.7	2.23	37.86	50.0
T127	5/6/2024	15:00	13.81	15.0	59.0	7.00	716.9	2.17	33.99	49.2
T127	5/6/2024	15:03	13.81	14.9	58.9	6.99	716.5	2.13	30.87	48.7
T127	5/6/2024	15:06	13.81	14.8	58.7	6.98	716.5	2.01	25.01	48.2

Site Samping Event: Coffeen- 2Q24
LIMS Workorder: 24041541
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Coffeen- 2Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
T128	5/1/2024	11:13	13.83	15.1	59.2	7.21	748.2	3.78	9.90	92.7
T128	5/1/2024	11:16	13.83	15.1	59.2	7.20	748.4	3.61	8.57	93.0
T128	5/1/2024	11:19	13.83	15.2	59.4	7.19	747.9	3.39	7.83	93.4
T128	5/1/2024	11:22	13.83	15.2	59.4	7.18	747.8	3.14	7.21	93.3
T128	5/1/2024	11:25	13.83	15.3	59.6	7.17	747.0	2.94	6.25	93.1
T128	5/1/2024	11:28	13.83	15.2	59.4	7.17	746.5	2.81	5.67	92.9
T128	5/1/2024	11:31	13.83	15.1	59.3	7.16	745.8	2.69	4.88	92.7

Site Samping Event: Coffeen- 2Q24
LIMS Workorder: 24041541
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Coffeen- 2Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
X201	5/7/2024	13:25	-	24.5	76.1	5.93	20,857.6	8.28	4.73	158.9

Site Samping Event: Coffeen- 2Q24
LIMS Workorder: 24041541
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Coffeen- 2Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
XPW01	5/7/2024	13:43	4.63	17.5	63.5	7.75	1,274.3	1.15	24.93	-80.4
XPW01	5/7/2024	13:46	4.63	17.6	63.7	7.78	1,282.4	0.94	16.72	-103.1
XPW01	5/7/2024	13:49	4.63	17.5	63.5	7.79	1,281.1	0.82	12.01	-111.7
XPW01	5/7/2024	13:52	4.63	17.5	63.6	7.79	1,281.0	0.72	9.81	-118.1
XPW01	5/7/2024	13:55	4.63	16.7	62.1	7.80	1,284.1	0.62	8.23	-121.6

Site Samping Event: Coffeen- 2Q24
LIMS Workorder: 24041541
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Coffeen- 2Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
XPW02	5/8/2024	10:28	9.87	16.9	62.4	7.74	826.6	0.87	12.50	-191.7
XPW02	5/8/2024	10:31	9.87	16.8	62.3	7.69	832.4	0.77	17.33	-201.3
XPW02	5/8/2024	10:34	9.87	16.8	62.2	7.69	831.2	0.72	18.15	-204.7
XPW02	5/8/2024	10:37	9.87	16.7	62.1	7.69	832.2	0.68	15.38	-206.8
XPW02	5/8/2024	10:40	9.87	16.8	62.2	7.69	835.2	0.65	7.39	-207.3
XPW02	5/8/2024	10:43	9.87	16.7	62.1	7.69	834.7	0.63	4.99	-208.1
XPW02	5/8/2024	10:46	9.87	16.7	62.1	7.69	838.5	0.62	2.25	-209.2
XPW02	5/8/2024	10:49	9.87	16.7	62.0	7.69	839.6	0.61	4.12	-209.3

Site Samping Event: Coffeen- 2Q24
LIMS Workorder: 24041541
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Coffeen- 2Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
XSG-01	4/29/2024	11:10	7.94	DTW Only						

Site Samping Event: Coffeen- 2Q24
LIMS Workorder: 24041541
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Coffeen- 2Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
Field Blank	5/8/2024	11:21	QA/QC Sample							

Site Samping Event: Coffeen- 2Q24
LIMS Workorder: 24041541
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Coffeen- 2Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G102 Duplicate	5/2/2024	10:45	4.33	14.4	58.0	7.29	541.8	3.49	8.29	81.3
G102 Duplicate	5/2/2024	10:48	4.33	14.3	57.7	7.28	533.9	3.41	8.00	78.9
G102 Duplicate	5/2/2024	10:51	4.33	14.3	57.8	7.28	539.0	3.25	12.29	78.0
G102 Duplicate	5/2/2024	10:54	4.33	14.2	57.6	7.29	544.0	3.10	15.69	77.7
G102 Duplicate	5/2/2024	10:57	4.33	14.2	57.5	7.28	548.5	3.03	11.60	77.9
G102 Duplicate	5/2/2024	11:00	4.33	14.1	57.4	7.29	553.4	2.96	9.57	78.3
G102 Duplicate	5/2/2024	11:03	4.33	14.1	57.4	7.29	558.1	2.89	11.75	78.8

Site Samping Event: Coffeen- 2Q24
LIMS Workorder: 24041541
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Coffeen- 2Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G200 Duplicate	5/7/2024	12:29	2.90	16.6	61.9	7.20	848.9	0.91	20.80	29.5
G200 Duplicate	5/7/2024	12:32	2.90	16.7	62.1	7.19	847.2	0.55	30.37	24.3
G200 Duplicate	5/7/2024	12:35	2.90	16.5	61.7	7.19	846.9	0.41	84.52	20.5
G200 Duplicate	5/7/2024	12:38	2.90	16.7	62.0	7.18	849.0	0.31	86.74	17.6
G200 Duplicate	5/7/2024	12:41	2.90	16.6	62.0	7.19	849.0	0.25	74.88	14.2
G200 Duplicate	5/7/2024	12:44	2.90	16.8	62.2	7.19	848.9	0.20	63.14	11.6
G200 Duplicate	5/7/2024	12:47	2.90	17.1	62.8	7.19	849.3	0.17	57.50	11.4
G200 Duplicate	5/7/2024	12:50	2.90	17.0	62.6	7.19	849.2	0.15	58.08	8.3
G200 Duplicate	5/7/2024	12:53	2.90	17.3	63.1	7.19	849.7	0.13	53.10	6.4

Site Samping Event: Coffeen- 2Q24
LIMS Workorder: 24041541
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Coffeen- 2Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G217 Duplicate	5/2/2024	12:24	13.75	15.6	60.0	6.89	1,552.2	0.85	78.38	10.9
G217 Duplicate	5/2/2024	12:27	13.75	15.5	59.9	6.89	1,555.1	0.83	92.93	11.2
G217 Duplicate	5/2/2024	12:30	13.75	15.4	59.8	6.88	1,558.7	0.82	6.39	11.5
G217 Duplicate	5/2/2024	12:33	13.75	15.5	59.9	6.88	1,557.9	0.80	10.99	11.7
G217 Duplicate	5/2/2024	12:36	13.75	15.5	59.8	6.88	1,560.8	0.78	4.73	12.3
G217 Duplicate	5/2/2024	12:39	13.75	15.6	60.1	6.88	1,560.0	0.76	4.53	12.7

Site Samping Event: Coffeen- 2Q24
LIMS Workorder: 24041541
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Coffeen- 2Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G301 Duplicate	5/6/2024	10:10	6.18	14.1	57.4	6.32	1,086.9	1.15	4.32	-53.2
G301 Duplicate	5/6/2024	10:13	6.18	14.1	57.3	6.26	1,081.2	0.97	4.69	-49.0
G301 Duplicate	5/6/2024	10:16	6.18	14.1	57.4	6.24	1,076.6	0.86	4.97	-47.2
G301 Duplicate	5/6/2024	10:19	6.18	14.2	57.5	6.24	1,074.9	0.80	4.36	-45.6
G301 Duplicate	5/6/2024	10:22	6.18	14.2	57.6	6.25	1,072.3	0.75	3.81	-43.5
G301 Duplicate	5/6/2024	10:25	6.18	14.2	57.6	6.25	1,071.4	0.71	4.04	-41.4
G301 Duplicate	5/6/2024	10:28	6.18	14.3	57.7	6.26	1,068.7	0.69	3.60	-39.8

Site Samping Event: Coffeen- 2Q24
LIMS Workorder: 24041541
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Coffeen- 2Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
R201 Duplicate	5/7/2024	12:34	2.59	16.4	61.5	7.03	986.3	2.48	9.71	-4.5
R201 Duplicate	5/7/2024	12:37	2.59	16.2	61.1	7.03	985.8	2.32	7.97	-9.7
R201 Duplicate	5/7/2024	12:40	2.59	16.1	61.0	7.03	985.7	2.16	6.75	-10.5
R201 Duplicate	5/7/2024	12:43	2.59	16.2	61.2	7.03	986.0	2.05	6.83	-14.0

Site Samping Event: Coffeen- 2Q24
LIMS Workorder: 24041541
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Coffeen- 2Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
Equipment Blank 1	5/8/2024	11:35	QA/QC Sample							

Site Samping Event: Coffeen- 2Q24
LIMS Workorder: 24041541
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Coffeen- 2Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G219	5/7/2024	10:46	6.45	14.8	58.6	7.22	878.3	2.39	24.36	-21.7
G219	5/7/2024	10:49	6.45	15.2	59.3	7.19	872.4	1.79	31.03	-30.8
G219	5/7/2024	10:52	6.45	15.8	60.4	7.18	874.4	1.67	35.97	-39.3
G219	5/7/2024	10:55	6.45	14.3	57.7	7.18	869.9	1.33	34.62	-47.1
G219	5/7/2024	10:58	6.45	14.3	57.7	7.17	868.1	1.01	26.45	-50.5
G219	5/7/2024	11:01	6.45	14.3	57.8	7.17	867.6	0.82	24.72	-52.7
G219	5/7/2024	11:04	6.45	13.7	56.7	7.17	866.9	0.67	24.92	-54.4
G219	5/7/2024	11:07	6.45	13.9	57.0	7.17	866.7	0.56	25.18	-56.4
G219	5/7/2024	11:10	6.45	13.9	56.9	7.17	866.6	0.45	26.09	-58.1

Site Samping Event: Coffeen- 2Q24
LIMS Workorder: 24041541
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groundwater Quality Parameters
Coffeen- 2Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G220	5/7/2024	11:47	12.10	16.2	61.2	6.89	1,271.8	2.17	24.68	38.5
G220	5/7/2024	11:50	12.10	16.0	60.8	6.89	1,269.8	1.87	25.70	38.1
G220	5/7/2024	11:53	12.10	15.5	60.0	6.88	1,267.7	1.58	28.08	35.8
G220	5/7/2024	11:56	12.10	15.6	60.1	6.89	1,267.0	1.30	30.77	33.0
G220	5/7/2024	11:59	12.10	15.8	60.4	6.88	1,264.0	1.05	29.44	30.6
G220	5/7/2024	12:02	12.10	15.3	59.5	6.89	1,266.3	0.87	20.10	25.6
G220	5/7/2024	12:05	12.10	15.4	59.7	6.88	1,266.1	0.74	22.71	22.2
G220	5/7/2024	12:08	12.10	15.4	59.8	6.89	1,265.9	0.64	24.62	20.7

Site Samping Event: Coffeen- 2Q2024
LIMS Workorder: 24041541
Technician(s): DC, JC, TC, BG, PY

Field Calibration Log(s)
Coffeen- 2Q 2024

Field Temp SOP 1156 - SM 2550 B
Field pH SOP 1152 - SW-846 9040B - SM 4500-H B
Field Cond. SOP 1155 - SW-846 9050A - SM 2510 B

Field Meter ID: Pine 218083 Technician(s): justin colp Date: 4/30/2024

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	wc230830b	3.98	4/30/24 8:54
7.0 Buffer	wc240307f	7.01	4/30/24 8:50
10.0 Buffer	wc231027d	9.99	4/30/24 8:59
LCS/CCV (7.0 Buffer)	wc231207a		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	95009	1415	4/30/24 9:04

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	1.82	4/30/24 9:04
124 NTU	95834		

ORP Standard	LIMS ID/Lot#	Reading	Date/Time

D.O. Saturation	LIMS ID/Lot#	Reading	Date/Time
100%	N/A		

Sample ID	Sample Type	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	ORP mV	D.O. %
LCS-1	LCS	4/30/24 9:08	17.9	7.01	1,415	1.82		
CCV-1	CCV	4/30/24 14:52	18.8	7.03	1,423	1.84		

Comments:

Field Meter ID: Pine 218083 Technician(s): justin colp Date: 5/1/2024

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	wc230830b	3.99	5/1/24 9:05
7.0 Buffer	wc240307f	7.00	5/1/24 9:00
10.0 Buffer	wc231027d	10.00	5/1/24 9:10
LCS/CCV (7.0 Buffer)	wc231207a		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	95009	1418	5/1/24 9:16

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	1.78	5/1/24 9:16
124 NTU	95834		

ORP Standard	LIMS ID/Lot#	Reading	Date/Time

D.O. Saturation	LIMS ID/Lot#	Reading	Date/Time
100%	N/A		

Sample ID	Sample Type	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	ORP mV	D.O. %
LCS-2	LCS	5/1/24 9:18	20.4	7.00	1,418	1.78		
CCV-M-2	CCV	5/1/24 12:25	20.9	7.02	1,421	1.77		
CCV-2	CCV	5/1/24 14:54	21.7	7.03	1,427	1.8		

Comments:

Site Samping Event: Coffeen- 2Q2024
LIMS Workorder: 24041541
Technician(s): DC, JC, TC, BG, PY

Field Calibration Log(s)
Coffeen- 2Q 2024

Field Temp SOP 1156 - SM 2550 B
Field pH SOP 1152 - SW-846 9040B - SM 4500-H B
Field Cond. SOP 1155 - SW-846 9050A - SM 2510 B

Field Meter ID: Pine 218083 Technician(s): justin colp Date: 5/2/2024

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	wc230830b	4.00	5/2/24 9:12
7.0 Buffer	wc240307f	7.02	5/2/24 8:55
10.0 Buffer	wc231027d	10.00	5/2/24 9:12
LCS/CCV (7.0 Buffer)	wc231207a		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	95009	1414	5/2/24 9:14

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	0.91	5/2/24 9:18
124 NTU	95834		

ORP Standard	LIMS ID/Lot#	Reading	Date/Time

D.O. Saturation	LIMS ID/Lot#	Reading	Date/Time
100%	N/A		

Sample ID	Sample Type	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	ORP mV	D.O. %
LCS-3	LCS	5/2/24 9:18	21.1	7.02	1,414	0.91		
CCV-M-3	CCV	5/2/24 12:30	21.4	7.03	1,415	0.91		
CCV-3	CCV	5/2/24 14:59	22.8	7.03	1,420	0.9		

Comments:

Field Meter ID: Pine 218083 Technician(s): justin colp Date: 5/3/2024

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	wc230830b	4.00	5/3/24 8:53
7.0 Buffer	wc240307f	7.01	5/3/24 8:47
10.0 Buffer	wc231027d	10.01	5/3/24 8:56
LCS/CCV (7.0 Buffer)	wc231207a		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	95009	1413	5/3/24 9:00

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	0.91	5/3/24 9:00
124 NTU	95834		

ORP Standard	LIMS ID/Lot#	Reading	Date/Time

D.O. Saturation	LIMS ID/Lot#	Reading	Date/Time
100%	N/A		

Sample ID	Sample Type	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	ORP mV	D.O. %
LCS-4	LCS	5/3/24 9:04	20.7	7.01	1,413	0.91		
CCV-4	CCV	5/3/24 10:31	21.1	7.02	1,414	0.93		

Comments:

Site Samping Event: Coffeen- 2Q2024
LIMS Workorder: 24041541
Technician(s): DC, JC, TC, BG, PY

Field Calibration Log(s)
Coffeen- 2Q 2024

Field Temp SOP 1156 - SM 2550 B
Field pH SOP 1152 - SW-846 9040B - SM 4500-H B
Field Cond. SOP 1155 - SW-846 9050A - SM 2510 B

Field Meter ID: Pine 218083 Technician(s): justin colp Date: 5/6/2024

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	wc230830b	4.01	5/6/24 10:01
7.0 Buffer	wc240307f	7.00	5/6/24 9:42
10.0 Buffer	wc231027d	9.99	5/6/24 10:02
LCS/CCV (7.0 Buffer)	wc231207a		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	95009	1413	5/6/24 10:06

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	0.92	5/6/24 10:07
124 NTU	95834		

ORP Standard	LIMS ID/Lot#	Reading	Date/Time

D.O. Saturation	LIMS ID/Lot#	Reading	Date/Time
100%	N/A		

Sample ID	Sample Type	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	ORP mV	D.O. %
LCS-5	LCS	5/6/24 10:07	20.1	7.00	1,413	0.92		
CCV-5	CCV	5/6/24 14:50	22.9	7.03	1,422	1.28		

Comments:

Field Meter ID: Pine 218083 Technician(s): justin colp Date: 5/7/2024

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	wc230830b	3.98	5/7/24 9:04
7.0 Buffer	wc240307f	7.01	5/7/24 8:58
10.0 Buffer	wc231027d	10.00	5/7/24 9:07
LCS/CCV (7.0 Buffer)	wc231207a		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	95009	1416	5/7/24 9:11

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	1.2	5/7/24 9:11
124 NTU	95834		

ORP Standard	LIMS ID/Lot#	Reading	Date/Time

D.O. Saturation	LIMS ID/Lot#	Reading	Date/Time
100%	N/A		

Sample ID	Sample Type	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	ORP mV	D.O. %
LCS-6	LCS	5/7/24 9:13	21.2	7.01	1,416	1.2		
CCV-6	CCV	5/7/24 14:17	22.9	7.03	1,431	0.98		

Comments:

Site Samping Event: Coffeen- 2Q2024
LIMS Workorder: 24041541
Technician(s): DC, JC, TC, BG, PY

Field Calibration Log(s)
Coffeen- 2Q 2024

Field Temp SOP 1156 - SM 2550 B
Field pH SOP 1152 - SW-846 9040B - SM 4500-H B
Field Cond. SOP 1155 - SW-846 9050A - SM 2510 B

Field Meter ID: Pine 218083 Technician(s): justin colp Date: 5/8/2024

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	wc230830b	4.01	5/8/24 8:48
7.0 Buffer	wc240307f	7.02	5/8/24 8:42
10.0 Buffer	wc231027d	10.00	5/8/24 8:53
LCS/CCV (7.0 Buffer)	wc231207a		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	95009	1411	5/8/24 8:56

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	0.87	5/8/24 8:57
124 NTU	95834		

ORP Standard	LIMS ID/Lot#	Reading	Date/Time

D.O. Saturation	LIMS ID/Lot#	Reading	Date/Time
100%	N/A		

Sample ID	Sample Type	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	ORP mV	D.O. %
LCS-7	LCS	5/8/24 9:00	18.9	7.02	1,411	0.87		
CCV-7	CCV	5/8/24 10:59	21.4	7.04	1,426	0.93		

Comments:

Site Samping Event: Coffeen- 2Q2024
LIMS Workorder: 24041541
Technician(s): DC, JC, TC, BG, PY

Field Calibration Log(s)
Coffeen- 2Q 2024

Field Temp SOP 1156 - SM 2550 B
Field pH SOP 1152 - SW-846 9040B - SM 4500-H B
Field Cond. SOP 1155 - SW-846 9050A - SM 2510 B

Field Meter ID: Pine 45986 Technician(s): Tracy Carroll Date: 4/29/2024

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	WC230830B	4.00	4/29/24 10:45
7.0 Buffer	WC240307F	7.02	4/29/24 10:42
10.0 Buffer	WC230619B	10.00	4/29/24 10:48
LCS/CCV (7.0 Buffer)	WC231207A		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	95009	1412	4/29/24 10:51

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	0.23	4/29/24 10:53
124 NTU	95834		

ORP Standard	LIMS ID/Lot#	Reading	Date/Time

D.O. Saturation	LIMS ID/Lot#	Reading	Date/Time
100%	N/A		

Sample ID	Sample Type	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	ORP mV	D.O. %
LCS-1	LCS	4/29/24 10:55	20.2	7.01	1,413	0.26		
CCV-1	CCV	4/29/24 14:15	21.3	7.01	1,438	0.58		

Comments:

Field Meter ID: Pine 45986 Technician(s): Tracy Carroll Date: 4/30/2024

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	WC230830B	4.00	4/30/24 9:11
7.0 Buffer	WC240307F	7.03	4/30/24 9:08
10.0 Buffer	WC230619B	9.98	4/30/24 9:14
LCS/CCV (7.0 Buffer)	WC231207A		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	95009	1412	4/30/24 9:17

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	1.45	4/30/24 9:20
124 NTU	95834		

ORP Standard	LIMS ID/Lot#	Reading	Date/Time

D.O. Saturation	LIMS ID/Lot#	Reading	Date/Time
100%	N/A		

Sample ID	Sample Type	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	ORP mV	D.O. %
LCS-2	LCS	4/30/24 9:25	19.5	7.01	1,410	1.45		
CCV-M-2	CCV	4/30/24 11:47	19.7	7.01	1,414	1.08		
CCV-2	CCV	4/30/24 14:43	25.2	7.03	1,473	1.63		

Comments:

Site Samping Event: Coffeen- 2Q2024
LIMS Workorder: 24041541
Technician(s): DC, JC, TC, BG, PY

Field Calibration Log(s)
Coffeen- 2Q 2024

Field Temp SOP 1156 - SM 2550 B
Field pH SOP 1152 - SW-846 9040B - SM 4500-H B
Field Cond. SOP 1155 - SW-846 9050A - SM 2510 B

Field Meter ID: Pine 45986 Technician(s): Tracy Carroll Date: 5/1/2024

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	WC230830B	4.00	5/1/24 9:23
7.0 Buffer	WC240307F	7.01	5/1/24 9:20
10.0 Buffer	WC230619B	10.02	5/1/24 9:26
LCS/CCV (7.0 Buffer)	WC231207A		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	95009	1412	5/1/24 9:29

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	1.81	5/1/24 9:32
124 NTU	95834		

ORP Standard	LIMS ID/Lot#	Reading	Date/Time

D.O. Saturation	LIMS ID/Lot#	Reading	Date/Time
100%	N/A		

Sample ID	Sample Type	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	ORP mV	D.O. %
LCS-3	LCS	5/1/24 9:29	22.9	7.10	1,412	1.81		
CCV-M-3	CCV	5/1/24 12:22	23.1	7.06	1,422	1.64		
CCV-3	CCV	5/1/24 15:02	23.9	7.08	1,458	1.55		

Comments:

Field Meter ID: Pine 45986 Technician(s): Tracy Carroll Date: 5/2/2024

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	WC230830B	4.00	5/2/24 9:20
7.0 Buffer	WC240307F	7.01	5/2/24 9:17
10.0 Buffer	WC230619B	10.00	5/2/24 9:23
LCS/CCV (7.0 Buffer)	WC231207A		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	95009	1412	5/2/24 9:27

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	1.02	5/2/24 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-4	LCS	5/2/24 9:33	21..4	7.06	1,413	1.02		
CCV-M-4	CCV	5/2/24 12:02	21.6	7.07	1,414	1.1		
CCV-4	CCV	5/2/24 14:58	23.8	7.08	1,422	1.33		

Comments:

Site Samping Event: Coffeen- 2Q2024
LIMS Workorder: 24041541
Technician(s): DC, JC, TC, BG, PY

Field Calibration Log(s)
Coffeen- 2Q 2024

Field Temp SOP 1156 - SM 2550 B
Field pH SOP 1152 - SW-846 9040B - SM 4500-H B
Field Cond. SOP 1155 - SW-846 9050A - SM 2510 B

Field Meter ID: Pine 45986 Technician(s): Tracy Carroll Date: 5/3/2024

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	WC230830B	4.00	5/3/24 8:56
7.0 Buffer	WC240307F	7.02	5/3/24 8:53
10.0 Buffer	WC230619B	10.00	5/3/24 8:59
LCS/CCV (7.0 Buffer)	WC231207A		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	95009	1412	5/3/24 9:02

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	1.23	5/3/24 9:05
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	5/3/24 9:07	20.5	7.01	1,410	1.23		
CCV-5	CCV	5/3/24 10:43	21.4	6.99	1,436	1.73		

Comments:

Field Meter ID: Pine 45986 Technician(s): Tracy Carroll Date: 5/6/2024

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	WC230830B	4.00	5/6/24 9:10
7.0 Buffer	WC240307F	7.02	5/6/24 9:05
10.0 Buffer	WC230619B	10.00	5/6/24 9:13
LCS/CCV (7.0 Buffer)	WC231207A		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	95009	1412	5/6/24 9:23

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	1.87	5/6/24 8:58
124 NTU	95834		

ORP Standard	LIMS ID/Lot#	Reading	Date/Time

D.O. Saturation	LIMS ID/Lot#	Reading	Date/Time
100%	N/A		

Sample ID	Sample Type	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	ORP mV	D.O. %
LCS-6	LCS	5/6/24 9:33	20.1	7.07	1,412	1.86		
CCV-M-6	CCV	5/6/24 12:31	20.4	7.04	1,420	1.56		
CCV-6	CCV	5/6/24 16:30	21.6	7.02	1,456	1.55		

Comments: CCV time is 1630

Site Samping Event: Coffeen- 2Q2024
LIMS Workorder: 24041541
Technician(s): DC, JC, TC, BG, PY

Field Calibration Log(s)
Coffeen- 2Q 2024

Field Temp SOP 1156 - SM 2550 B
Field pH SOP 1152 - SW-846 9040B - SM 4500-H B
Field Cond. SOP 1155 - SW-846 9050A - SM 2510 B

Field Meter ID: Pine 45986 Technician(s): Tracy Carroll Date: 5/7/2024

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	WC230830B	4.00	5/7/24 9:16
7.0 Buffer	WC240307F	7.01	5/7/24 9:09
10.0 Buffer	WC230619B	10.00	5/7/24 9:20
LCS/CCV (7.0 Buffer)	WC231207A		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	95009	1412	5/7/24 9:25

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	1.22	5/7/24 9:17
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-7	LCS	5/7/24 9:25	23.5	7.05	1,413	1.23		
CCV-7	CCV	5/7/24 14:31	24.2	7.06	1,456	1.58		

Comments:

Site Samping Event: Coffeen- 2Q2024
LIMS Workorder: 24041541
Technician(s): DC, JC, TC, BG, PY

Field Calibration Log(s)
Coffeen- 2Q 2024

Field Temp SOP 1156 - SM 2550 B
Field pH SOP 1152 - SW-846 9040B - SM 4500-H B
Field Cond. SOP 1155 - SW-846 9050A - SM 2510 B

Field Meter ID: Pine 26559 Technician(s): Brett Gillihan Date: 4/30/2024

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	WC230830B	4.03	4/30/24 8:55
7.0 Buffer	WC240307F	7.01	4/30/24 9:00
10.0 Buffer	WC230619B	10.01	4/30/24 9:05
LCS/CCV (7.0 Buffer)	WC231207A		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	95009	1412	4/30/24 9:05

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	1.52	4/30/24 9:08
124 NTU	95834		

ORP Standard	LIMS ID/Lot#	Reading	Date/Time

D.O. Saturation	LIMS ID/Lot#	Reading	Date/Time
100%	N/A		

Sample ID	Sample Type	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	ORP mV	D.O. %
LCS-1	LCS	4/30/24 9:14	20	7.00	1,412	1.52		
CCV-1	CCV	4/30/24 14:52	24	7.20	1,410	1.54		

Comments:

Field Meter ID: Pine 26559 Technician(s): Brett Gillihan Date: 5/1/2024

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	WC230830B	4.00	5/1/24 8:39
7.0 Buffer	WC240307F	7.01	5/1/24 8:45
10.0 Buffer	WC230619B	10.00	5/1/24 8:51
LCS/CCV (7.0 Buffer)	WC231207A		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	95009	1411	5/1/24 8:54

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	1.51	5/1/24 8:58
124 NTU	95834		

ORP Standard	LIMS ID/Lot#	Reading	Date/Time

D.O. Saturation	LIMS ID/Lot#	Reading	Date/Time
100%	N/A		

Sample ID	Sample Type	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	ORP mV	D.O. %
LCS-2	LCS	5/1/24 9:03	21.2	7.01	1,412	1.51		
CCV-M-2	CCV	5/1/24 12:11	22	7.00	1,413	1.5		
CCV-2	CCV	5/1/24 14:57	23.6	7.00	1,412	1.59		

Comments:

Site Samping Event: Coffeen- 2Q2024
LIMS Workorder: 24041541
Technician(s): DC, JC, TC, BG, PY

Field Calibration Log(s)
Coffeen- 2Q 2024

Field Temp SOP 1156 - SM 2550 B
Field pH SOP 1152 - SW-846 9040B - SM 4500-H B
Field Cond. SOP 1155 - SW-846 9050A - SM 2510 B

Field Meter ID: Pine 26559 Technician(s): Brett Gillihan Date: 5/2/2024

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	WC230830B	4.00	5/2/24 8:40
7.0 Buffer	WC240307F	7.03	5/2/24 8:47
10.0 Buffer	WC230619B	10.00	5/2/24 8:55
LCS/CCV (7.0 Buffer)	WC231207A		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	95009	1412	5/2/24 8:59

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	1.58	5/2/24 9:01
124 NTU	95834		

ORP Standard	LIMS ID/Lot#	Reading	Date/Time

D.O. Saturation	LIMS ID/Lot#	Reading	Date/Time
100%	N/A		

Sample ID	Sample Type	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	ORP mV	D.O. %
LCS-3	LCS	5/2/24 9:08	19.78	7.01	1,412	1.68		
CCV-M-3	CCV	5/2/24 11:39	21.6	7.01	1,412	1.34		
CCV-3	CCV	5/2/24 15:00	23.2	7.00	1,412	1.44		

Comments:

Field Meter ID: Pine 26559 Technician(s): Brett Gillihan Date: 5/3/2024

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	WC230830B	4.00	5/3/24 8:50
7.0 Buffer	WC240307F	7.03	5/3/24 8:56
10.0 Buffer	WC230619B	10.00	5/3/24 8:59
LCS/CCV (7.0 Buffer)	WC231207A		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	95009	1412	5/3/24 9:03

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	1.4	5/3/24 9:09
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	5/3/24 9:09	19.04	7.00	1,412	1.41		
CCV-4	CCV	5/3/24 10:34	19	7.02	1,413	1.63		

Comments:

Site Samping Event: Coffeen- 2Q2024
LIMS Workorder: 24041541
Technician(s): DC, JC, TC, BG, PY

Field Calibration Log(s)
Coffeen- 2Q 2024

Field Temp SOP 1156 - SM 2550 B
Field pH SOP 1152 - SW-846 9040B - SM 4500-H B
Field Cond. SOP 1155 - SW-846 9050A - SM 2510 B

Field Meter ID: Pine 26559 Technician(s): Brett Gillihan Date: 5/6/2024

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	WC230830B	4.02	5/6/24 9:46
7.0 Buffer	WC240307F	7.00	5/6/24 9:50
10.0 Buffer	WC230619B	10.01	5/6/24 10:04
LCS/CCV (7.0 Buffer)	WC231207A		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	95009	1413	5/6/24 10:06

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	1.6	5/6/24 10:07
124 NTU	95834		

ORP Standard	LIMS ID/Lot#	Reading	Date/Time

D.O. Saturation	LIMS ID/Lot#	Reading	Date/Time
100%	N/A		

Sample ID	Sample Type	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	ORP mV	D.O. %
LCS-5	LCS	5/6/24 10:09	19.21	7.01	1,413	1.6		
CCV-5	CCV	5/6/24 15:34	23.61	7.02	1,414	1.71		

Comments:

Field Meter ID: Pine 26559 Technician(s): Brett Gillihan Date: 5/7/2024

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	WC230830B	4.00	5/7/24 8:47
7.0 Buffer	WC240307F	7.01	5/7/24 8:58
10.0 Buffer	WC230619B	10.03	5/7/24 9:12
LCS/CCV (7.0 Buffer)	WC231207A		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	95009	1412	5/7/24 9:14

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	1.5	5/7/24 9:23
124 NTU	95834		

ORP Standard	LIMS ID/Lot#	Reading	Date/Time

D.O. Saturation	LIMS ID/Lot#	Reading	Date/Time
100%	N/A		

Sample ID	Sample Type	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	ORP mV	D.O. %
LCS-6	LCS	5/7/24 9:29	18.8	7.01	1,412	1.5		
CCV-M-6	CCV	5/7/24 12:11	20.1	7.02	1,413	1.44		
CCV-6	CCV	5/7/24 15:32	21.2	7.00	1,414	1.4		

Comments:

Site Samping Event: Coffeen- 2Q2024
LIMS Workorder: 24041541
Technician(s): DC, JC, TC, BG, PY

Field Calibration Log(s)
Coffeen- 2Q 2024

Field Temp SOP 1156 - SM 2550 B
Field pH SOP 1152 - SW-846 9040B - SM 4500-H B
Field Cond. SOP 1155 - SW-846 9050A - SM 2510 B

Field Meter ID: Pine 26559 Technician(s): Brett Gillihan Date: 5/8/2024

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	WC230830B	4.03	5/8/24 8:36
7.0 Buffer	WC240307F	7.01	5/8/24 8:41
10.0 Buffer	WC230619B	10.02	5/8/24 8:46
LCS/CCV (7.0 Buffer)	WC231207A		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	95009	1412	5/8/24 8:50

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	1.11	5/8/24 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-7	LCS	5/8/24 8:59	20.1	7.02	1,412	1.08		
CCV-7	CCV	5/8/24 11:09	20.9	7.04	1,413	1.21		

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 43197
Description YSI ProDSS Display
Calibrated 4/26/2024 6:27:15PM

Manufacturer YSI
Model Number ProDSS
Serial Number/ Lot Number 18E105408
Location St. Louis
Department

State Certified
Status Pass
Temp °C 22.2
Humidity % 43

Calibration Specifications

Group # 1
Group Name Functional / Datalogging Test
Test Performed: Yes **As Found Result: Pass** **As Left Result: Pass**

Test Instruments Used During the Calibration **(As Of Cal Entry Date)**

Test Standard ID	Description	Manufacturer	Model Number	Serial Number / Lot Number	Next Cal Date / Last Cal Date/ Expiration Date Opened Date

Notes about this calibration

Calibration Result Calibration Successful
Who Calibrated Chris Harkins

All instruments are calibrated by Pine Environmental Services LLC according to the manufacturer's specifications, but it is the customer's responsibility to calibrate and maintain this unit in accordance with the manufacturer's specifications and/or the customer's own specific needs.

Notify Pine Environmental Services LLC of any defect within 24 hours of receipt of equipment
Please call 800-301-9663 for Technical Assistance

INSTRUMENT CALIBRATION REPORT

Pine Environmental Services LLC

11669 Lilburn Park Rd.
St. Louis, MO 63146
Office: 314.344.1079

Pine Environmental Services, Inc.

Instrument ID 26599
Description YSI ProDSS
Calibrated 4/26/2024 6:29:23PM

Manufacturer YSI
Model Number ProDSS
Serial Number/ Lot Number 15H101893
Location St. Louis
Department

State Certified
Status Pass
Temp °C 22.2
Humidity % 43

Calibration Specifications

Group # 1
Group Name PH
Stated Accy Pct of Reading
Range Acc % 0.0000
Reading Acc % 3.0000
Plus/Minus 0.00

Nom In Val / In Val	In Type	Out Val	Out Type	Fnd As	Lft As	Dev%	Pass/Fail
7.00 / 7.00	PH	7.00	PH	7.37	7.02	0.29%	Pass
4.00 / 4.00	PH	4.00	PH	4.41	4.00	0.00%	Pass
10.00 / 10.00	PH	10.00	PH	10.22	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	0.31	0.00	0.00%	Pass
124.00 / 124.00	NTU	124.00	NTU	119.85	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	1.494	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	225.8	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 43907
Description YSI ProDSS
Calibrated 4/25/2024 3:34:30PM

Manufacturer	YSI	**State Certified**	
Model Number	PRO DSS	**Status**	Pass
Serial Number/ Lot Number	18J103033	**Temp °C**	22.2
Location	St. Louis	**Humidity %**	43
Department			

Calibration Specifications

Group # 1
Group Name Function Test
Test Performed: Yes **As Found Result: Pass** **As Left Result: Pass**

Test Instruments Used During the Calibration **(As Of Cal Entry Date)**

Test Standard ID	Description	Manufacturer	Model Number	Serial Number / Lot Number	Next Cal Date / Last Cal Date/ Expiration Date Opened Date

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 45986
Description YSI Pro DSS
Calibrated 4/25/2024 3:36:31PM

Manufacturer YSI
Model Number Pro DSS
Serial Number/ Lot Number 19E101800
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	7.71	7.02	0.29%	Pass
4.00 / 4.00	PH	4.00	PH	4.83	4.00	0.00%	Pass
10.00 / 10.00	PH	10.00	PH	10.49	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	2.33	0.00	0.00%	Pass
124.00 / 124.00	NTU	124.00	NTU	98.92	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	1.550	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	200.30	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 218050
Description YSI Pro DSS Display
Calibrated 4/26/2024 6:24:40PM

Manufacturer YSI
Model Number YSI Pro Dss
Serial Number/ Lot Number 23E101406
Location St. Louis
Department

State Certified
Status Pass
Temp °C 22.2
Humidity % 43

Calibration Specifications

Group # 1
Group Name Instrument Test
Test Performed: Yes **As Found Result: Pass** **As Left Result: Pass**

Test Instruments Used During the Calibration

Test Standard ID	Description	Manufacturer	Model Number	Serial Number / Lot Number	(As Of Cal Entry Date) Last Cal Date/ Opened Date	Next Cal Date / Expiration Date

Notes about this calibration

Calibration Result Calibration Successful
Who Calibrated Chris Harkins

All instruments are calibrated by Pine Environmental Services LLC according to the manufacturer's specifications, but it is the customer's responsibility to calibrate and maintain this unit in accordance with the manufacturer's specifications and/or the customer's own specific needs.

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Please call 800-301-9663 for Technical Assistance

INSTRUMENT CALIBRATION REPORT

Pine Environmental Services LLC

11669 Lilburn Park Rd.
St. Louis, MO 63146
Office: 314.344.1079

Pine Environmental Services, Inc.

Instrument ID 218083
Description YSI Pro DSS Sonde
Calibrated 4/26/2024 6:26:38PM

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	7.34	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	10.27	10.05	0.50%	Pass

Group # 2
Group Name Turbidity (NTU)
Stated Accy Pct of Reading
Range Acc % 0.0000
Reading Acc % 3.0000
Plus/Minus 0.00

Nom In Val / In Val	In Type	Out Val	Out Type	Fnd As	Lft As	Dev%	Pass/Fail
0.00 / 0.00	FNU	0.00	FNU	0.44	0.00	0.00%	Pass
124.00 / 124.00	FNU	124.00	FNU	115.85	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	1.510	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	223.10	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

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

September 13, 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: COF-24Q3 **WorkOrder:** 24071451

Dear Eric Bauer:

TEKLAB, INC received 15 samples for COF_257_105 on 8/7/2024 5:27:00 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: 24071451
Client Project: COF-24Q3
Report Date: 13-Sep-24

This reporting package includes the following:

Cover Letter	1
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Definitions	3
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Definitions

Client: Ramboll **Work Order:** 24071451

Client Project: COF-24Q3 **Report Date:** 13-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)

Teklab, Inc.
Environmental Laboratory

Definitions

Client: Ramboll
Work Order: 24071451
Client Project: COF-24Q3
Report Date: 13-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

Case Narrative

Client: Ramboll
Work Order: 24071451
Client Project: COF-24Q3
Report Date: 13-Sep-24

Cooler Receipt Temp: 5.9 °C

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

Equipment Blank 1 was not needed. EAH 8/12/24

Per Eric Bauer's request, only COF_257_105 data is included in this report. EAH 9/13/24

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:** 24071451

Client Project: COF-24Q3 **Report Date:** 13-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

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24071451

Client Project: COF-24Q3 **Report Date:** 13-Sep-24

Lab ID: 24071451-005 **Client Sample ID:** G102

Matrix: GROUNDWATER **Collection Date:** 08/06/2024 9:13

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**5.93**	ft	1	08/06/2024 9:13	R351564
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**26**	NTU	1	08/06/2024 9:13	R351564
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		**201**	mV	1	08/06/2024 9:13	R351564
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**537**	µS/cm	1	08/06/2024 9:13	R351564
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**17.7**	°C	1	08/06/2024 9:13	R351564
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**1.99**	mg/L	1	08/06/2024 9:13	R351564
SW-846 9040B FIELD									
pH	*	0	1.00		**7.22**		1	08/06/2024 9:13	R351564
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**246**	mg/L	1	08/07/2024 10:32	R351382
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	08/07/2024 10:32	R351382
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		**320**	mg/L	1	08/09/2024 11:01	R351578
SW-846 9036 (TOTAL)									
Sulfate	NELAP	6	10		**38**	mg/L	1	08/13/2024 15:13	R351696
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	*	0.03	0.50	J	**0.32**	mg/L	10	08/08/2024 2:02	R351389
SW-846 9251 (TOTAL)									
Chloride	NELAP	1	4		**6**	mg/L	1	08/13/2024 15:14	R351708
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.035	0.100		**50.7**	mg/L	1	08/15/2024 13:01	226782
Magnesium	NELAP	0.006	0.050		**21.5**	mg/L	1	08/15/2024 13:01	226782
Potassium	NELAP	0.040	0.100		**0.337**	mg/L	1	08/15/2024 13:01	226782
Sodium	NELAP	0.018	0.050		**27.6**	mg/L	1	08/15/2024 13:01	226782
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Boron	NELAP	9.2	20.0		**21.8**	µg/L	5	08/30/2024 15:02	227725

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

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24071451

Client Project: COF-24Q3 **Report Date:** 13-Sep-24

Lab ID: 24071451-008 **Client Sample ID:** G106

Matrix: GROUNDWATER **Collection Date:** 08/06/2024 11:22

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**10.55**	ft	1	08/06/2024 11:22	R351564
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**5.5**	NTU	1	08/06/2024 11:22	R351564
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		**-187**	mV	1	08/06/2024 11:22	R351564
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**919**	µS/cm	1	08/06/2024 11:22	R351564
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**20.0**	°C	1	08/06/2024 11:22	R351564
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**1.19**	mg/L	1	08/06/2024 11:22	R351564
SW-846 9040B FIELD									
pH	*	0	1.00		**7.05**		1	08/06/2024 11:22	R351564
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**323**	mg/L	1	08/07/2024 10:54	R351382
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	08/07/2024 10:54	R351382
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		**550**	mg/L	1	08/09/2024 11:15	R351578
SW-846 9036 (TOTAL)									
Sulfate	NELAP	31	50		**102**	mg/L	5	08/13/2024 15:57	R351696
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	*	0.03	0.50	J	**0.39**	mg/L	10	08/08/2024 2:49	R351389
SW-846 9251 (TOTAL)									
Chloride	NELAP	2	20		**57**	mg/L	5	08/13/2024 15:57	R351708
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.035	0.100		**88.6**	mg/L	1	08/15/2024 13:01	226782
Magnesium	NELAP	0.006	0.050		**39.8**	mg/L	1	08/15/2024 13:01	226782
Potassium	NELAP	0.040	0.100		**0.395**	mg/L	1	08/15/2024 13:01	226782
Sodium	NELAP	0.018	0.050		**51.1**	mg/L	1	08/15/2024 13:01	226782
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Boron	NELAP	9.2	20.0		**21.4**	µg/L	5	08/09/2024 12:39	226782

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24071451

Client Project: COF-24Q3 **Report Date:** 13-Sep-24

Lab ID: 24071451-012 **Client Sample ID:** G110

Matrix: GROUNDWATER **Collection Date:** 08/05/2024 10:09

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**13.18**	ft	1	08/05/2024 10:09	R351564
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**16**	NTU	1	08/05/2024 10:09	R351564
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		**20**	mV	1	08/05/2024 10:09	R351564
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**946**	µS/cm	1	08/05/2024 10:09	R351564
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**18.9**	°C	1	08/05/2024 10:09	R351564
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**0.75**	mg/L	1	08/05/2024 10:09	R351564
SW-846 9040B FIELD									
pH	*	0	1.00		**6.89**		1	08/05/2024 10:09	R351564
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**350**	mg/L	1	08/06/2024 10:30	R351315
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	08/06/2024 10:30	R351315
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		**580**	mg/L	1	08/08/2024 10:56	R351496
SW-846 9036 (TOTAL)									
Sulfate	NELAP	31	50		**99**	mg/L	5	08/07/2024 19:45	R351398
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	*	0.03	0.50	J	**0.33**	mg/L	10	08/07/2024 17:41	R351389
SW-846 9251 (TOTAL)									
Chloride	NELAP	2	20		**62**	mg/L	5	08/07/2024 19:45	R351406
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.035	0.100	S	**99.7**	mg/L	1	08/07/2024 17:46	226738
Magnesium	NELAP	0.006	0.050	S	**45.4**	mg/L	1	08/08/2024 17:39	226738
Potassium	NELAP	0.040	0.100		**0.338**	mg/L	1	08/07/2024 17:46	226738
Sodium	NELAP	0.018	0.050	S	**52.6**	mg/L	1	08/07/2024 17:46	226738
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	20.0		**< 20.0**	µg/L	5	08/08/2024 19:13	226738

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24071451

Client Project: COF-24Q3 **Report Date:** 13-Sep-24

Lab ID: 24071451-015 **Client Sample ID:** G120

Matrix: GROUNDWATER **Collection Date:** 08/05/2024 12:42

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**16.04**	ft	1	08/05/2024 12:42	R351564
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**36**	NTU	1	08/05/2024 12:42	R351564
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		**60**	mV	1	08/05/2024 12:42	R351564
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**914**	µS/cm	1	08/05/2024 12:42	R351564
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**18.1**	°C	1	08/05/2024 12:42	R351564
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**5.74**	mg/L	1	08/05/2024 12:42	R351564
SW-846 9040B FIELD									
pH	*	0	1.00		**7.07**		1	08/05/2024 12:42	R351564
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**282**	mg/L	1	08/06/2024 11:24	R351315
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	08/06/2024 11:24	R351315
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		**488**	mg/L	1	08/08/2024 10:57	R351496
SW-846 9036 (TOTAL)									
Sulfate	NELAP	6	10		**37**	mg/L	1	08/07/2024 19:48	R351398
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	*	0.03	0.50	J	**0.32**	mg/L	10	08/07/2024 18:39	R351389
SW-846 9251 (TOTAL)									
Chloride	NELAP	2	20		**119**	mg/L	5	08/07/2024 19:53	R351406
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.035	0.100		**95.9**	mg/L	1	08/07/2024 17:51	226738
Magnesium	NELAP	0.006	0.050		**45.8**	mg/L	1	08/08/2024 17:44	226738
Potassium	NELAP	0.040	0.100		**0.700**	mg/L	1	08/07/2024 17:51	226738
Sodium	NELAP	0.018	0.050		**41.0**	mg/L	1	08/07/2024 17:51	226738
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Boron	NELAP	9.2	20.0		**< 20.0**	µg/L	5	08/08/2024 19:58	226738

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24071451

Client Project: COF-24Q3 **Report Date:** 13-Sep-24

Lab ID: 24071451-020 **Client Sample ID:** G125

Matrix: GROUNDWATER **Collection Date:** 08/05/2024 14:20

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**16.29**	ft	1	08/05/2024 14:20	R351564
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**9.8**	NTU	1	08/05/2024 14:20	R351564
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		**-41**	mV	1	08/05/2024 14:20	R351564
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**933**	µS/cm	1	08/05/2024 14:20	R351564
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**17.6**	°C	1	08/05/2024 14:20	R351564
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**1.16**	mg/L	1	08/05/2024 14:20	R351564
SW-846 9040B FIELD									
pH	*	0	1.00		**7.09**		1	08/05/2024 14:20	R351564
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**294**	mg/L	1	08/06/2024 10:25	R351315
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	08/06/2024 10:25	R351315
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		**542**	mg/L	1	08/08/2024 11:19	R351496
SW-846 9036 (TOTAL)									
Sulfate	NELAP	31	50		**86**	mg/L	5	08/07/2024 20:01	R351398
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	*	0.03	0.50	J	**0.36**	mg/L	10	08/07/2024 20:12	R351389
SW-846 9251 (TOTAL)									
Chloride	NELAP	2	20		**91**	mg/L	5	08/07/2024 20:01	R351406
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.035	0.100		**75.0**	mg/L	1	08/07/2024 18:00	226738
Magnesium	NELAP	0.006	0.050		**37.2**	mg/L	1	08/08/2024 17:45	226738
Potassium	NELAP	0.040	0.100		**0.739**	mg/L	1	08/07/2024 18:00	226738
Sodium	NELAP	0.018	0.050		**87.2**	mg/L	1	08/07/2024 18:00	226738
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Boron	NELAP	9.2	20.0		**< 20.0**	µg/L	5	08/08/2024 20:03	226738

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24071451

Client Project: COF-24Q3 **Report Date:** 13-Sep-24

Lab ID: 24071451-027 **Client Sample ID:** G200

Matrix: GROUNDWATER **Collection Date:** 08/06/2024 12:16

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**4.51**	ft	1	08/06/2024 12:16	R351564
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**5.6**	NTU	1	08/06/2024 12:16	R351564
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		**-65**	mV	1	08/06/2024 12:16	R351564
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**899**	µS/cm	1	08/06/2024 12:16	R351564
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**19.0**	°C	1	08/06/2024 12:16	R351564
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**1.03**	mg/L	1	08/06/2024 12:16	R351564
SW-846 9040B FIELD									
pH	*	0	1.00		**7.12**		1	08/06/2024 12:16	R351564
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**308**	mg/L	1	08/07/2024 10:37	R351382
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	08/07/2024 10:37	R351382
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		**546**	mg/L	1	08/09/2024 11:15	R351578
SW-846 9036 (TOTAL)									
Sulfate	NELAP	31	50		**113**	mg/L	5	08/13/2024 16:05	R351696
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	*	0.03	0.50	J	**0.32**	mg/L	10	08/08/2024 2:14	R351389
SW-846 9251 (TOTAL)									
Chloride	NELAP	2	20		**62**	mg/L	5	08/13/2024 16:05	R351708
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.035	0.100		**84.5**	mg/L	1	08/15/2024 13:02	226782
Magnesium	NELAP	0.006	0.050		**38.5**	mg/L	1	08/15/2024 13:02	226782
Potassium	NELAP	0.040	0.100		**0.598**	mg/L	1	08/15/2024 13:02	226782
Sodium	NELAP	0.018	0.050		**58.7**	mg/L	1	08/15/2024 13:02	226782
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Boron	NELAP	9.2	20.0		**< 20.0**	µg/L	5	08/09/2024 12:45	226782

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

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24071451

Client Project: COF-24Q3 **Report Date:** 13-Sep-24

Lab ID: 24071451-084 **Client Sample ID:** L201

Matrix: LEACHATE **Collection Date:** 08/07/2024 14:15

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	08/07/2024 14:15	R351564
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**1.4**	NTU	1	08/07/2024 14:15	R351564
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		**-78**	mV	1	08/07/2024 14:15	R351564
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**5170**	µS/cm	1	08/07/2024 14:15	R351564
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**18.1**	°C	1	08/07/2024 14:15	R351564
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**7.15**	mg/L	1	08/07/2024 14:15	R351564
SW-846 9040B FIELD									
pH	*	0	1.00		**11.6**		1	08/07/2024 14:15	R351564
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	08/08/2024 13:28	R351443
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**237**	mg/L	1	08/08/2024 13:28	R351443
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20	H	**3700**	mg/L	1	08/15/2024 17:10	R351887
Sample analysis did not meet hold time requirements.									
SW-846 9036 (TOTAL)									
Sulfate	NELAP	1230	2000		**8250**	mg/L	200	08/12/2024 22:22	R351588
SW-846 9251 (TOTAL)									
Chloride	NELAP	5	40		**341**	mg/L	10	08/12/2024 22:17	R351636
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.350	1.00		**49.9**	mg/L	10	08/13/2024 16:51	226881
Magnesium	NELAP	0.055	0.500		**< 0.500**	mg/L	10	08/13/2024 16:51	226881
Potassium	NELAP	4.00	10.0		**275**	mg/L	100	08/13/2024 16:50	226881
Sodium	NELAP	0.180	0.500		**4070**	mg/L	10	08/13/2024 16:51	226881
Elevated reporting limit for Mg due to high levels of target and/or non-target analytes.									

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24071451

Client Project: COF-24Q3 **Report Date:** 13-Sep-24

Lab ID: 24071451-085 **Client Sample ID:** L202

Matrix: LEACHATE **Collection Date:** 08/07/2024 14:20

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**20.00**	ft	1	08/07/2024 14:20	R351564
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**110**	NTU	1	08/07/2024 14:20	R351564
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		**-72**	mV	1	08/07/2024 14:20	R351564
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**12100**	µS/cm	1	08/07/2024 14:20	R351564
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**20.7**	°C	1	08/07/2024 14:20	R351564
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**2.80**	mg/L	1	08/07/2024 14:20	R351564
SW-846 9040B FIELD									
pH	*	0	1.00		**11.6**		1	08/07/2024 14:20	R351564
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	08/08/2024 13:19	R351443
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**284**	mg/L	1	08/08/2024 13:19	R351443
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20	H	**3440**	mg/L	1	08/15/2024 17:20	R351887
Sample analysis did not meet hold time requirements.									
SW-846 9036 (TOTAL)									
Sulfate	NELAP	1230	2000		**8980**	mg/L	200	08/12/2024 22:30	R351588
SW-846 9251 (TOTAL)									
Chloride	NELAP	5	40		**451**	mg/L	10	08/12/2024 22:25	R351636
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.350	1.00		**35.3**	mg/L	10	08/13/2024 16:52	226881
Magnesium	NELAP	0.055	0.500		**< 0.500**	mg/L	10	08/13/2024 16:52	226881
Potassium	NELAP	4.00	10.0		**290**	mg/L	100	08/13/2024 16:51	226881
Sodium	NELAP	0.180	0.500		**4460**	mg/L	10	08/13/2024 16:52	226881
Elevated reporting limit for Mg due to high levels of target and/or non-target analytes.									

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24071451

Client Project: COF-24Q3 **Report Date:** 13-Sep-24

Lab ID: 24071451-086 **Client Sample ID:** L203

Matrix: LEACHATE **Collection Date:** 08/07/2024 14:24

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 14:24	R351564
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**3.4**	NTU	1	08/07/2024 14:24	R351564
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		**-60**	mV	1	08/07/2024 14:24	R351564
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**11000**	µS/cm	1	08/07/2024 14:24	R351564
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**21.0**	°C	1	08/07/2024 14:24	R351564
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**6.92**	mg/L	1	08/07/2024 14:24	R351564
SW-846 9040B FIELD									
pH	*	0	1.00		**11.6**		1	08/07/2024 14:24	R351564
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	08/08/2024 13:11	R351443
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**253**	mg/L	1	08/08/2024 13:11	R351443
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20	H	**3200**	mg/L	1	08/15/2024 17:21	R351887
Sample analysis did not meet hold time requirements.									
SW-846 9036 (TOTAL)									
Sulfate	NELAP	1230	2000		**8160**	mg/L	200	08/12/2024 22:39	R351588
SW-846 9251 (TOTAL)									
Chloride	NELAP	5	40		**210**	mg/L	10	08/12/2024 22:33	R351636
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.350	1.00		**53.1**	mg/L	10	08/13/2024 16:53	226881
Magnesium	NELAP	0.055	0.500		**< 0.500**	mg/L	10	08/13/2024 16:53	226881
Potassium	NELAP	4.00	10.0		**224**	mg/L	100	08/13/2024 16:53	226881
Sodium	NELAP	0.180	0.500		**3950**	mg/L	10	08/13/2024 16:53	226881
Elevated reporting limit for Mg due to high levels of target and/or non-target analytes.									

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24071451

Client Project: COF-24Q3 **Report Date:** 13-Sep-24

Lab ID: 24071451-089 **Client Sample ID:** R201

Matrix: GROUNDWATER **Collection Date:** 08/06/2024 13:04

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**4.40**	ft	1	08/06/2024 13:04	R351564
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**7.1**	NTU	1	08/06/2024 13:04	R351564
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		**-105**	mV	1	08/06/2024 13:04	R351564
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**1120**	µS/cm	1	08/06/2024 13:04	R351564
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**18.5**	°C	1	08/06/2024 13:04	R351564
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**1.41**	mg/L	1	08/06/2024 13:04	R351564
SW-846 9040B FIELD									
pH	*	0	1.00		**7.00**		1	08/06/2024 13:04	R351564
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**379**	mg/L	1	08/07/2024 10:03	R351382
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	08/07/2024 10:03	R351382
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		**674**	mg/L	1	08/09/2024 11:30	R351578
SW-846 9036 (TOTAL)									
Sulfate	NELAP	31	50		**184**	mg/L	5	08/13/2024 19:01	R351696
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	*	0.03	0.50	J	**0.34**	mg/L	10	08/08/2024 3:01	R351389
SW-846 9251 (TOTAL)									
Chloride	NELAP	2	20		**72**	mg/L	5	08/13/2024 19:01	R351708
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.035	0.100		**95.3**	mg/L	1	08/15/2024 13:17	226782
Magnesium	NELAP	0.006	0.050		**38.9**	mg/L	1	08/15/2024 13:17	226782
Potassium	NELAP	0.040	0.100		**0.985**	mg/L	1	08/15/2024 13:17	226782
Sodium	NELAP	0.018	0.050		**104**	mg/L	1	08/15/2024 13:17	226782
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Boron	NELAP	9.2	20.0		**< 20.0**	µg/L	5	08/09/2024 14:15	226782

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24071451

Client Project: COF-24Q3 **Report Date:** 13-Sep-24

Lab ID: 24071451-093 **Client Sample ID:** T127

Matrix: GROUNDWATER **Collection Date:** 08/05/2024 11:28

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**14.98**	ft	1	08/05/2024 11:28	R351564
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**6.9**	NTU	1	08/05/2024 11:28	R351564
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		**18**	mV	1	08/05/2024 11:28	R351564
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**818**	µS/cm	1	08/05/2024 11:28	R351564
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**22.9**	°C	1	08/05/2024 11:28	R351564
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**1.69**	mg/L	1	08/05/2024 11:28	R351564
SW-846 9040B FIELD									
pH	*	0	1.00		**7.10**		1	08/05/2024 11:28	R351564
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**290**	mg/L	1	08/06/2024 11:31	R351315
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	08/06/2024 11:31	R351315
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		**486**	mg/L	1	08/08/2024 11:33	R351496
SW-846 9036 (TOTAL)									
Sulfate	NELAP	31	50		**84**	mg/L	5	08/13/2024 19:30	R351696
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	*	0.03	0.50	J	**0.45**	mg/L	10	08/08/2024 4:34	R351389
SW-846 9251 (TOTAL)									
Chloride	NELAP	1	4		**43**	mg/L	1	08/13/2024 19:25	R351708
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.035	0.100		**78.9**	mg/L	1	08/08/2024 14:24	226774
Magnesium	NELAP	0.006	0.050		**34.5**	mg/L	1	08/08/2024 14:24	226774
Potassium	NELAP	0.040	0.100		**0.277**	mg/L	1	08/08/2024 14:24	226774
Sodium	NELAP	0.018	0.050		**58.6**	mg/L	1	08/08/2024 14:24	226774
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Boron	NELAP	9.2	20.0		**22.1**	µg/L	5	08/30/2024 18:31	226774

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24071451

Client Project: COF-24Q3 **Report Date:** 13-Sep-24

Lab ID: 24071451-097 **Client Sample ID:** Field Blank

Matrix: AQUEOUS **Collection Date:** 08/07/2024 14:49

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	08/08/2024 13:51	R351443
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	08/08/2024 13:51	R351443
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20	H	**< 20**	mg/L	1	08/15/2024 17:20	R351887
Sample analysis did not meet hold time requirements.									
SW-846 9036 (TOTAL)									
Sulfate	NELAP	6	10		**< 10**	mg/L	1	08/12/2024 18:17	R351588
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	*	0.03	0.50		**ND**	mg/L	10	08/08/2024 15:56	R351419
SW-846 9251 (TOTAL)									
Chloride	NELAP	1	4		**< 4**	mg/L	1	08/12/2024 18:18	R351636
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.035	0.10	J	**0.041**	mg/L	1	08/12/2024 16:10	226881
Magnesium	NELAP	0.006	0.050	J	**0.046**	mg/L	1	08/12/2024 16:10	226881
Potassium	NELAP	0.040	0.100		**< 0.100**	mg/L	1	08/12/2024 16:10	226881
Sodium	NELAP	0.018	0.050	J	**0.048**	mg/L	1	08/12/2024 16:10	226881
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Boron	NELAP	9.2	20.0		**< 20.0**	µg/L	5	09/04/2024 15:07	227726
Contamination present in the MBLK. Sample results below the reporting limit are reportable per the TNI Standard.									

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24071451

Client Project: COF-24Q3 **Report Date:** 13-Sep-24

Lab ID: 24071451-098 **Client Sample ID:** G102 Duplicate

Matrix: GROUNDWATER **Collection Date:** 08/06/2024 9:13

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**5.93**	ft	1	08/06/2024 9:13	R351564
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**26**	NTU	1	08/06/2024 9:13	R351564
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		**201**	mV	1	08/06/2024 9:13	R351564
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**537**	µS/cm	1	08/06/2024 9:13	R351564
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**17.7**	°C	1	08/06/2024 9:13	R351564
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**1.99**	mg/L	1	08/06/2024 9:13	R351564
SW-846 9040B FIELD									
pH	*	0	1.00		**7.22**		1	08/06/2024 9:13	R351564
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**239**	mg/L	1	08/07/2024 10:09	R351382
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	08/07/2024 10:09	R351382
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		**306**	mg/L	1	08/09/2024 11:30	R351578
SW-846 9036 (TOTAL)									
Sulfate	NELAP	6	10		**35**	mg/L	1	08/13/2024 19:33	R351696
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	*	0.03	0.50	J	**0.32**	mg/L	10	08/08/2024 3:47	R351389
SW-846 9251 (TOTAL)									
Chloride	NELAP	1	4		**5**	mg/L	1	08/13/2024 19:33	R351708
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.035	0.100		**52.7**	mg/L	1	08/15/2024 13:17	226782
Magnesium	NELAP	0.006	0.050		**22.3**	mg/L	1	08/15/2024 13:17	226782
Potassium	NELAP	0.040	0.100		**0.346**	mg/L	1	08/15/2024 13:17	226782
Sodium	NELAP	0.018	0.050		**32.3**	mg/L	1	08/15/2024 13:17	226782
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Boron	NELAP	9.2	20	J	**13**	µg/L	5	08/09/2024 14:27	226782

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

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24071451

Client Project: COF-24Q3 **Report Date:** 13-Sep-24

Lab ID: 24071451-099 **Client Sample ID:** G200 Duplicate

Matrix: GROUNDWATER **Collection Date:** 08/06/2024 12:16

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**4.51**	ft	1	08/06/2024 12:16	R351564
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**5.6**	NTU	1	08/06/2024 12:16	R351564
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		**-65**	mV	1	08/06/2024 12:16	R351564
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**899**	µS/cm	1	08/06/2024 12:16	R351564
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**19.0**	°C	1	08/06/2024 12:16	R351564
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**1.03**	mg/L	1	08/06/2024 12:16	R351564
SW-846 9040B FIELD									
pH	*	0	1.00		**7.12**		1	08/06/2024 12:16	R351564
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**290**	mg/L	1	08/07/2024 10:14	R351382
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	08/07/2024 10:14	R351382
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		**708**	mg/L	1	08/09/2024 11:42	R351578
SW-846 9036 (TOTAL)									
Sulfate	NELAP	31	50		**110**	mg/L	5	08/13/2024 19:46	R351696
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	*	0.03	0.50	J	**0.29**	mg/L	10	08/08/2024 3:59	R351389
SW-846 9251 (TOTAL)									
Chloride	NELAP	2	20		**71**	mg/L	5	08/13/2024 19:46	R351708
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.035	0.100	S	**85.3**	mg/L	1	08/15/2024 13:18	226782
Magnesium	NELAP	0.006	0.050		**38.7**	mg/L	1	08/15/2024 13:18	226782
Potassium	NELAP	0.040	0.100		**0.581**	mg/L	1	08/15/2024 13:18	226782
Sodium	NELAP	0.018	0.050		**59.0**	mg/L	1	08/15/2024 13:18	226782
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	20.0		**< 20.0**	µg/L	5	08/09/2024 14:45	226782
LCS recovered outside upper control limits for Sb. Sample results are below the reporting limit. Data is reportable per the TNI Standard.									

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24071451

Client Project: COF-24Q3 **Report Date:** 13-Sep-24

Lab ID: 24071451-102 **Client Sample ID:** R201 Duplicate

Matrix: GROUNDWATER **Collection Date:** 08/06/2024 13:04

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**4.40**	ft	1	08/06/2024 13:04	R351564
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**7.1**	NTU	1	08/06/2024 13:04	R351564
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		**-105**	mV	1	08/06/2024 13:04	R351564
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**1120**	µS/cm	1	08/06/2024 13:04	R351564
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**18.5**	°C	1	08/06/2024 13:04	R351564
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**1.41**	mg/L	1	08/06/2024 13:04	R351564
SW-846 9040B FIELD									
pH	*	0	1.00		**7.00**		1	08/06/2024 13:04	R351564
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**376**	mg/L	1	08/07/2024 10:26	R351382
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	08/07/2024 10:26	R351382
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20	H	**706**	mg/L	1	08/21/2024 15:47	R352173
Sample required re-analysis out of hold time.									
SW-846 9036 (TOTAL)									
Sulfate	NELAP	31	50		**185**	mg/L	5	08/13/2024 20:23	R351696
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	*	0.03	0.50	J	**0.34**	mg/L	10	08/08/2024 4:22	R351389
SW-846 9251 (TOTAL)									
Chloride	NELAP	2	20		**68**	mg/L	5	08/13/2024 20:24	R351708
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.035	0.100		**94.7**	mg/L	1	08/15/2024 13:21	226782
Magnesium	NELAP	0.006	0.050		**38.6**	mg/L	1	08/15/2024 13:21	226782
Potassium	NELAP	0.040	0.100		**0.840**	mg/L	1	08/15/2024 13:21	226782
Sodium	NELAP	0.018	0.050		**104**	mg/L	1	08/15/2024 13:21	226782
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Boron	NELAP	9.2	20.0		**< 20.0**	µg/L	5	08/09/2024 14:39	226782
LCS recovered outside upper control limits for Sb. Sample results are below the reporting limit. Data is reportable per the TNI Standard.									

Teklab, Inc.
Environmental Laboratory

Sample Summary

Client: Ramboll
Client Project: COF-24Q3

Work Order: 24071451
Report Date: 13-Sep-24

Lab Sample ID	Client Sample ID	Matrix	Fractions	Collection Date
24071451-005	G102	Groundwater	8	08/06/2024 9:13
24071451-008	G106	Groundwater	8	08/06/2024 11:22
24071451-012	G110	Groundwater	6	08/05/2024 10:09
24071451-015	G120	Groundwater	7	08/05/2024 12:42
24071451-020	G125	Groundwater	6	08/05/2024 14:20
24071451-027	G200	Groundwater	6	08/06/2024 12:16
24071451-084	L201	Leachate	2	08/07/2024 14:15
24071451-085	L202	Leachate	2	08/07/2024 14:20
24071451-086	L203	Leachate	2	08/07/2024 14:24
24071451-089	R201	Groundwater	6	08/06/2024 13:04
24071451-093	T127	Groundwater	7	08/05/2024 11:28
24071451-097	Field Blank	Aqueous	9	08/07/2024 14:49
24071451-098	G102 Duplicate	Groundwater	8	08/06/2024 9:13
24071451-099	G200 Duplicate	Groundwater	6	08/06/2024 12:16
24071451-102	R201 Duplicate	Groundwater	6	08/06/2024 13:04

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24071451

Client Project: COF-24Q3 **Report Date:** 13-Sep-24

STANDARD METHODS 2510 B FIELD

Batch R351564 **SampType:** LCS Units **µS/cm**
SampID: LCS-1-BG

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Spec. Conductance, Field	*	0		**1420**	1412	0	100.4	90	110	07/30/2024

Batch R351564 **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	100.0	90	110	07/30/2024

Batch R351564 **SampType:** LCS Units **µS/cm**
SampID: LCS-1-TC

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Spec. Conductance, Field	*	0		**1410**	1412	0	100.1	90	110	07/31/2024

Batch R351564 **SampType:** LCS Units **µS/cm**
SampID: LCS-2-BG

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Spec. Conductance, Field	*	0		**1410**	1412	0	99.9	90	110	07/31/2024

Batch R351564 **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	07/31/2024

Batch R351564 **SampType:** LCS Units **µS/cm**
SampID: LCS-2-TC

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Spec. Conductance, Field	*	0		**1410**	1412	0	99.9	90	110	08/01/2024

Batch R351564 **SampType:** LCS Units **µS/cm**
SampID: LCS-3-BG

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Spec. Conductance, Field	*	0		**1420**	1412	0	100.3	90	110	08/01/2024

Batch R351564 **SampType:** LCS Units **µS/cm**
SampID: LCS-3-JC

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Spec. Conductance, Field	*	0		**1410**	1412	0	100.0	90	110	08/01/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24071451

Client Project: COF-24Q3 **Report Date:** 13-Sep-24

STANDARD METHODS 2510 B FIELD

Batch R351564 **SampType:** LCS Units **µS/cm**
SampID: LCS-3-TC

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Spec. Conductance, Field	*	0		**1410**	1412	0	100.0	90	110	08/05/2024

Batch R351564 **SampType:** LCS Units **µS/cm**
SampID: LCS-4-BG

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Spec. Conductance, Field	*	0		**1420**	1412	0	100.5	90	110	08/05/2024

Batch R351564 **SampType:** LCS Units **µS/cm**
SampID: LCS-4-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	08/02/2024

Batch R351564 **SampType:** LCS Units **µS/cm**
SampID: LCS-4-TC

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Spec. Conductance, Field	*	0		**1400**	1412	0	99.2	90	110	08/06/2024

Batch R351564 **SampType:** LCS Units **µS/cm**
SampID: LCS-5-BG

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Spec. Conductance, Field	*	0		**1410**	1412	0	100.1	90	110	08/05/2024

Batch R351564 **SampType:** LCS Units **µS/cm**
SampID: LCS-5-JC

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Spec. Conductance, Field	*	0		**1410**	1412	0	99.8	90	110	08/05/2024

Batch R351564 **SampType:** LCS Units **µS/cm**
SampID: LCS-5-TC

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Spec. Conductance, Field	*	0		**1410**	1412	0	99.9	90	110	08/07/2024

Batch R351564 **SampType:** LCS Units **µS/cm**
SampID: LCS-6-BG

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Spec. Conductance, Field	*	0		**1420**	1412	0	100.4	90	110	08/06/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll **Work Order:** 24071451

Client Project: COF-24Q3 **Report Date:** 13-Sep-24

STANDARD METHODS 2510 B FIELD

Batch R351564 **SampType:** LCS Units **µS/cm**
SampID: LCS-6-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	08/06/2024

SW-846 9040B FIELD

Batch R351564 **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	07/30/2024

Batch R351564 **SampType:** LCS Units
SampID: LCS-1-JC

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
pH	*	1.00		**6.99**	7.000	0	99.9	98.57	101.4	07/30/2024

Batch R351564 **SampType:** LCS Units
SampID: LCS-1-TC

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
pH	*	1.00		**7.03**	7.000	0	100.4	98.57	101.4	07/31/2024

Batch R351564 **SampType:** LCS Units
SampID: LCS-2-BG

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
pH	*	1.00		**7.01**	7.000	0	100.1	98.57	101.4	07/31/2024

Batch R351564 **SampType:** LCS Units
SampID: LCS-2-JC

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
pH	*	1.00		**6.98**	7.000	0	99.7	98.57	101.4	07/31/2024

Batch R351564 **SampType:** LCS Units
SampID: LCS-2-TC

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
pH	*	1.00		**7.06**	7.000	0	100.9	98.57	101.4	08/01/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24071451

Client Project: COF-24Q3 **Report Date:** 13-Sep-24

SW-846 9040B FIELD

Batch R351564 **SampType:** LCS Units

SampID: LCS-3-BG

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
pH	*	1.00		**7.00**	7.000	0	100.0	98.57	101.4	08/01/2024

Batch R351564 **SampType:** LCS Units

SampID: LCS-3-JC

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
pH	*	1.00		**7.01**	7.000	0	100.1	98.57	101.4	08/01/2024

Batch R351564 **SampType:** LCS Units

SampID: LCS-3-TC

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
pH	*	1.00		**7.05**	7.000	0	100.7	98.57	101.4	08/05/2024

Batch R351564 **SampType:** LCS Units

SampID: LCS-4-BG

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
pH	*	1.00		**7.01**	7.000	0	100.1	98.57	101.4	08/05/2024

Batch R351564 **SampType:** LCS Units

SampID: LCS-4-JC

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
pH	*	1.00		**6.99**	7.000	0	99.9	98.57	101.4	08/02/2024

Batch R351564 **SampType:** LCS Units

SampID: LCS-4-TC

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
pH	*	1.00		**7.03**	7.000	0	100.4	98.57	101.4	08/06/2024

Batch R351564 **SampType:** LCS Units

SampID: LCS-5-BG

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
pH	*	1.00		**7.01**	7.000	0	100.1	98.57	101.4	08/05/2024

Batch R351564 **SampType:** LCS Units

SampID: LCS-5-JC

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
pH	*	1.00		**6.99**	7.000	0	99.9	98.57	101.4	08/05/2024

Teklab, Inc.
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Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 24071451
Client Project: COF-24Q3
Report Date: 13-Sep-24

SW-846 9040B FIELD

Batch R351564 **SampType:** LCS Units
SampID: LCS-5-TC

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	08/07/2024

Batch R351564 **SampType:** LCS Units
SampID: LCS-6-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	08/06/2024

Batch R351564 **SampType:** LCS Units
SampID: LCS-6-JC

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
pH	*	1.00		**7.01**	7.000	0	100.1	98.57	101.4	08/06/2024

EPA 1664A

Batch R351520 **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	08/09/2024

Batch R351520 **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		**31**	40.00	0	78.2	78	114	08/09/2024

Batch R351520 **SampType:** MS Units **mg/L**
SampID: 24080864-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Hexane Extractable Material		5		**35**	43.72	0	81.0	78	114	08/09/2024

Batch R351613 **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	08/12/2024

Teklab, Inc.
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Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 24071451
Client Project: COF-24Q3
Report Date: 13-Sep-24

EPA 1664A

Batch R351613 **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		**35**	40.00	0	87.0	78	114	08/12/2024

Batch R351613 **SampType:** MS Units **mg/L**
SampID: 24071451-013GMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Hexane Extractable Material		6		**43**	47.29	0	90.0	78	114	08/12/2024

Batch R351613 **SampType:** MSD Units **mg/L** RPD Limit **18**
SampID: 24071451-013GMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Hexane Extractable Material		6		**39**	46.59	0	82.8	42.56	9.88	08/12/2024

Batch R351613 **SampType:** MS Units **mg/L**
SampID: 24071451-103BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Hexane Extractable Material		6		**43**	47.29	0	90.0	78	114	08/12/2024

Batch R351613 **SampType:** MSD Units **mg/L** RPD Limit **18**
SampID: 24071451-103BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Hexane Extractable Material		6		**39**	46.59	0	82.8	42.56	9.88	08/12/2024

EPA 1664A, (TOTAL) PETROLEUM HYDROCARBONS

Batch R351520 **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 (SGT)		5		**< 5**	4.400	0	0	-100	100	08/13/2024

Batch R351520 **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 (SGT)		5		**15**	20.00	0	74.0	64	132	08/13/2024

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Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 24071451
Client Project: COF-24Q3
Report Date: 13-Sep-24

EPA 1664A, (TOTAL) PETROLEUM HYDROCARBONS

Batch R351613 **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 (SGT)		5		**< 5**	4.400	0	0	-100	100	08/14/2024

Batch R351613 **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 (SGT)		5		**17**	20.00	0	85.5	64	132	08/14/2024

Batch R351613 **SampType:** MS Units **mg/L**
SampID: 24071451-013GMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Hexane Extractable Material (SGT)		6		**17**	23.65	0	72.0	64	132	08/14/2024

Batch R351613 **SampType:** MSD Units **mg/L** RPD Limit **34**
SampID: 24071451-013GMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Hexane Extractable Material (SGT)		6		**15**	23.30	0	66.5	17.03	9.43	08/14/2024

Batch R351613 **SampType:** MS Units **mg/L**
SampID: 24071451-103BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Hexane Extractable Material (SGT)		6		**17**	23.65	0	72.0	64	132	08/14/2024

Batch R351613 **SampType:** MSD Units **mg/L** RPD Limit **34**
SampID: 24071451-103BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Hexane Extractable Material (SGT)		6		**15**	23.30	0	66.5	17.03	9.43	08/14/2024

STANDARD METHODS 2540 C (TOTAL) 1997, 2011

Batch R351152 **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	08/01/2024
Total Dissolved Solids		20		**< 20**	16.00	0	0	-100	100	08/01/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 24071451
Client Project: COF-24Q3
Report Date: 13-Sep-24

STANDARD METHODS 2540 C (TOTAL) 1997, 2011

Batch R351152 **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		**978**	1000	0	97.8	90	110	08/01/2024
Total Dissolved Solids		20		**968**	1000	0	96.8	90	110	08/01/2024

Batch R351309 **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	08/05/2024

Batch R351309 **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		**978**	1000	0	97.8	90	110	08/05/2024

Batch R351309 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 24071451-078ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		20		**958**				1012	5.48	08/05/2024

Batch R351366 **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	08/06/2024
Total Dissolved Solids		20		**< 20**	16.00	0	0	-100	100	08/06/2024

Batch R351366 **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	08/06/2024
Total Dissolved Solids		20		**928**	1000	0	92.8	90	110	08/06/2024

Batch R351366 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 24071451-065ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		20		**914**				918.0	0.44	08/06/2024

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Client: Ramboll
Work Order: 24071451
Client Project: COF-24Q3
Report Date: 13-Sep-24

STANDARD METHODS 2540 C (TOTAL) 1997, 2011

Batch R351366 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 24080156-002ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		50		**5430**				5660	4.15	08/06/2024

Batch R351366 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 24080157-002ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		20		**2800**				2982	6.15	08/06/2024

Batch R351427 **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	08/07/2024

Batch R351427 **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	08/07/2024

Batch R351427 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 24080319-001ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		200		**3460**				3520	1.72	08/07/2024

Batch R351496 **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	08/08/2024
Total Dissolved Solids		20		**< 20**	16.00	0	0	-100	100	08/08/2024

Batch R351496 **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		**932**	1000	0	93.2	90	110	08/08/2024
Total Dissolved Solids		20		**942**	1000	0	94.2	90	110	08/08/2024

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Client: Ramboll
Work Order: 24071451
Client Project: COF-24Q3
Report Date: 13-Sep-24

STANDARD METHODS 2540 C (TOTAL) 1997, 2011

Batch R351496 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 24071451-012ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		20		**554**				580.0	4.59	08/08/2024

Batch R351496 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 24080687-005ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		20		**874**				862.0	1.38	08/08/2024

Batch R351578 **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	08/09/2024
Total Dissolved Solids		20		**< 20**	16.00	0	0	-100	100	08/09/2024

Batch R351578 **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	08/09/2024
Total Dissolved Solids		20		**982**	1000	0	98.2	90	110	08/09/2024

Batch R351578 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 24080600-005ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		20		**482**				472.0	2.10	08/09/2024

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

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Client: Ramboll
Work Order: 24071451
Client Project: COF-24Q3
Report Date: 13-Sep-24

STANDARD METHODS 2540 C (TOTAL) 1997, 2011

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		**994**	1000	0	99.4	90	110	08/15/2024
Total Dissolved Solids		20		**1000**	1000	0	100.0	90	110	08/15/2024
Total Dissolved Solids		20		**1010**	1000	0	100.8	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

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

Batch R352109 **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	08/20/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 24071451
Client Project: COF-24Q3
Report Date: 13-Sep-24

STANDARD METHODS 2540 C (TOTAL) 1997, 2011

Batch R352109 **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		**998**	1000	0	99.8	90	110	08/20/2024

Batch R352109 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 24080169-002ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		20		**524**				518.0	1.15	08/20/2024

Batch R352173 **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	08/21/2024
Total Dissolved Solids		20		**< 20**	16.00	0	0	-100	100	08/21/2024

Batch R352173 **SampType:** LCS Units **mg/L**
SampID: LCS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Total Dissolved Solids		20		**984**	1000	0	98.4	90	110	08/21/2024
Total Dissolved Solids		20		**986**	1000	0	98.6	90	110	08/21/2024

Batch R352173 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 24071451-100ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		20	H	**1440**				1394	3.11	08/21/2024

Batch R352173 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 24071451-102ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		20	H	**706**				706.0	0.00	08/21/2024

Batch R352173 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 24081724-002ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		20		**430**				422.0	1.88	08/21/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll
Work Order: 24071451
Client Project: COF-24Q3
Report Date: 13-Sep-24

STANDARD METHODS 4500-NH3 G (DISSOLVED) 1997, 2011

Batch R351331 **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	08/07/2024

Batch R351331 **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	101.8	90	110	08/07/2024

Batch R351331 **SampType:** MS Units **mg/L**
SampID: 24071451-004EMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Ammonia (as N)		0.10		**1.84**	2.000	0	91.8	90	110	08/07/2024

Batch R351331 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24071451-004EMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Ammonia (as N)		0.10		**1.81**	2.000	0	90.6	1.836	1.37	08/07/2024

Batch R351331 **SampType:** MS Units **mg/L**
SampID: 24071451-006GMS

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	92.8	90	110	08/07/2024

Batch R351331 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24071451-006GMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Ammonia (as N)		0.10		**1.85**	2.000	0	92.7	1.855	0.05	08/07/2024

Batch R351331 **SampType:** MS Units **mg/L**
SampID: 24080270-004AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Ammonia (as N)		0.10		**2.84**	2.000	0.9630	93.8	90	110	08/07/2024

Batch R351331 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24080270-004AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Ammonia (as N)		0.10		**2.81**	2.000	0.9630	92.6	2.840	0.92	08/07/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll
Work Order: 24071451
Client Project: COF-24Q3
Report Date: 13-Sep-24

STANDARD METHODS 4500-NH3 G (DISSOLVED) 1997, 2011

Batch R351331 **SampType:** MS Units **mg/L**
SampID: 24080304-001EMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Ammonia (as N)		0.10		**1.99**	2.000	0.07800	95.5	90	110	08/07/2024

Batch R351331 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24080304-001EMSD

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	0.07800	93.2	1.988	2.29	08/07/2024

Batch R351331 **SampType:** MS Units **mg/L**
SampID: 24080359-001FMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Ammonia (as N)		0.10		**2.43**	2.000	0.6300	90.0	90	110	08/07/2024

Batch R351331 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24080359-001FMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Ammonia (as N)		0.10		**2.45**	2.000	0.6300	90.8	2.430	0.66	08/07/2024

Batch R351499 **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	08/09/2024

Batch R351499 **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	101.5	90	110	08/09/2024

Batch R351499 **SampType:** MS Units **mg/L**
SampID: 24071451-007GMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Ammonia (as N)		0.20	S	**7.10**	4.000	3.575	88.2	90	110	08/09/2024

Batch R351499 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24071451-007GMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Ammonia (as N)		0.20	S	**7.13**	4.000	3.575	89.0	7.101	0.45	08/09/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll
Work Order: 24071451
Client Project: COF-24Q3
Report Date: 13-Sep-24

STANDARD METHODS 4500-NH3 G (DISSOLVED) 1997, 2011

Batch R351499 **SampType:** MS Units **mg/L**
SampID: 24080524-007BMS

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	08/09/2024

Batch R351499 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24080524-007BMSD

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	93.8	1.871	0.32	08/09/2024

Batch R351499 **SampType:** MS Units **mg/L**
SampID: 24080552-002EMS

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	0.05500	89.2	90	110	08/09/2024

Batch R351499 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24080552-002EMSD

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	0.05500	90.3	1.839	1.19	08/09/2024

Batch R351499 **SampType:** MS Units **mg/L**
SampID: 24080553-001CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Ammonia (as N)		0.10		**1.98**	2.000	0.1020	94.0	90	110	08/09/2024

Batch R351499 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24080553-001CMSD

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	0.1020	92.2	1.981	1.83	08/09/2024

Batch R351499 **SampType:** MS Units **mg/L**
SampID: 24080588-001BMS

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	0.04500	95.2	90	110	08/09/2024

Batch R351499 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24080588-001BMSD

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	0.04500	93.6	1.948	1.55	08/09/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll
Work Order: 24071451
Client Project: COF-24Q3
Report Date: 13-Sep-24

STANDARD METHODS 4500-NH3 G (DISSOLVED) 1997, 2011

Batch R351499 **SampType:** MS Units **mg/L**
SampID: 24080686-002BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Ammonia (as N)		0.10		**2.35**	2.000	0.4800	93.4	90	110	08/09/2024

Batch R351499 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24080686-002BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Ammonia (as N)		0.10		**2.34**	2.000	0.4800	93.0	2.349	0.38	08/09/2024

Batch R351499 **SampType:** MS Units **mg/L**
SampID: 24080708-001AMS

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	0.05800	90.6	90	110	08/09/2024

Batch R351499 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24080708-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Ammonia (as N)		0.10		**1.87**	2.000	0.05800	90.7	1.869	0.11	08/09/2024

Batch R351499 **SampType:** MS Units **mg/L**
SampID: 24080743-002BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Ammonia (as N)		0.10		**3.55**	2.000	1.679	93.6	90	110	08/09/2024

Batch R351499 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24080743-002BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Ammonia (as N)		0.10		**3.56**	2.000	1.679	94.2	3.552	0.34	08/09/2024

Batch R351499 **SampType:** MS Units **mg/L**
SampID: 24080780-002CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Ammonia (as N)		0.10		**1.91**	2.000	0.03500	93.8	90	110	08/09/2024

Batch R351499 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24080780-002CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Ammonia (as N)		0.10		**1.90**	2.000	0.03500	93.2	1.910	0.63	08/09/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 24071451
Client Project: COF-24Q3
Report Date: 13-Sep-24

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

Batch R351109 **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	08/01/2024

Batch R351109 **SampType:** LCS Units **mg/L**
SampID: LCS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.33**	0.3045	0	109.4	90	110	08/01/2024

Batch R351109 **SampType:** MS Units **mg/L**
SampID: 24072335-008BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		0.05	H	**0.57**	0.5000	0.02300	108.8	85	115	08/01/2024

Batch R351109 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24072335-008BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrite (as N)		0.05	H	**0.57**	0.5000	0.02300	110.2	0.5670	1.23	08/01/2024

Batch R351317 **SampType:** MS Units **mg/L**
SampID: 24071451-008BMS

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	101.4	85	115	08/06/2024

Batch R351317 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24071451-008BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.50**	0.5000	0	100.0	0.5070	1.39	08/06/2024

Batch R351317 **SampType:** MS Units **mg/L**
SampID: 24071451-010BMS

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	102.8	85	115	08/06/2024

Batch R351317 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24071451-010BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.51**	0.5000	0	102.0	0.5140	0.78	08/06/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll **Work Order:** 24071451

Client Project: COF-24Q3 **Report Date:** 13-Sep-24

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

Batch R351317 **SampType:** MS Units **mg/L**
SampID: 24071451-021BMS

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	102.0	85	115	08/06/2024

Batch R351317 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24071451-021BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.51**	0.5000	0	101.6	0.5100	0.39	08/06/2024

Batch R351426 **SampType:** MS Units **mg/L**
SampID: 24071451-018BMS

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	0.01000	99.0	85	115	08/08/2024

Batch R351426 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24071451-018BMSD

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	0.01000	98.2	0.5050	0.80	08/08/2024

Batch R351426 **SampType:** MS Units **mg/L**
SampID: 24080600-005CMS

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	0.006000	96.4	85	115	08/08/2024

Batch R351426 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24080600-005CMSD

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	0.006000	96.8	0.4880	0.41	08/08/2024

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

Batch R351109 **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	08/01/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 24071451
Client Project: COF-24Q3
Report Date: 13-Sep-24

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

Batch R351109 **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	105.7	90	110	08/01/2024

Batch R351109 **SampType:** MS Units **mg/L**
SampID: 24071451-055AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		0.05	H	**0.54**	0.5000	0	107.2	85	115	08/01/2024

Batch R351109 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24071451-055AMSD

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	106.2	0.5360	0.94	08/01/2024

Batch R351109 **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, Nitrite (as N)		0.05	H	**0.53**	0.5000	0	105.6	85	115	08/01/2024

Batch R351109 **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, Nitrite (as N)		0.05	H	**0.52**	0.5000	0	103.6	0.5280	1.91	08/01/2024

Batch R351109 **SampType:** MS Units **mg/L**
SampID: 24072496-001AMS

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	106.4	85	115	08/01/2024

Batch R351109 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24072496-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.54**	0.5000	0	107.2	0.5320	0.75	08/01/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 24071451
Client Project: COF-24Q3
Report Date: 13-Sep-24

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

Batch R351187 **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	08/02/2024
Nitrogen, Nitrite (as N)		0.05		**< 0.05**	0.0250	0	0	-100	100	08/02/2024

Batch R351187 **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	08/02/2024
Nitrogen, Nitrite (as N)		0.05		**0.32**	0.3045	0	104.1	90	110	08/02/2024

Batch R351187 **SampType:** MS Units **mg/L**
SampID: 24071451-025AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.52**	0.5000	0	104.4	85	115	08/02/2024

Batch R351187 **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
Nitrogen, Nitrite (as N)		0.05		**0.53**	0.5000	0	105.6	0.5220	1.14	08/02/2024

Batch R351187 **SampType:** MS Units **mg/L**
SampID: 24071451-080AMS

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	106.2	85	115	08/02/2024

Batch R351187 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24071451-080AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.52**	0.5000	0	103.4	0.5310	2.67	08/02/2024

Batch R351187 **SampType:** MS Units **mg/L**
SampID: 24080033-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.52**	0.5000	0	104.2	85	115	08/02/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 24071451
Client Project: COF-24Q3
Report Date: 13-Sep-24

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

Batch R351187 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24080033-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.52**	0.5000	0	103.6	0.5210	0.58	08/02/2024

Batch R351317 **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	08/06/2024
Nitrogen, Nitrite (as N)		0.05		**< 0.05**	0.0250	0	0	-100	100	08/06/2024

Batch R351317 **SampType:** LCS Units **mg/L**
SampID: LCS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.33**	0.3045	0	109.0	90	110	08/06/2024
Nitrogen, Nitrite (as N)		0.05		**0.33**	0.3045	0	108.7	90	110	08/06/2024

Batch R351317 **SampType:** MS Units **mg/L**
SampID: 24080386-001AMS

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	102.8	85	115	08/06/2024

Batch R351317 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24080386-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.51**	0.5000	0	102.4	0.5140	0.39	08/06/2024

Batch R351426 **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	J	**0.01**	0.0250	0	24.0	-100	100	08/08/2024
Nitrogen, Nitrite (as N)		0.05	J	**0.01**	0.0250	0	24.0	-100	100	08/08/2024

Batch R351426 **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	08/08/2024
Nitrogen, Nitrite (as N)		0.05		**0.30**	0.3045	0	100.2	90	110	08/08/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24071451

Client Project: COF-24Q3 **Report Date:** 13-Sep-24

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

Batch R351426 **SampType:** MS Units **mg/L**
SampID: 24080632-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.50**	0.5000	0.006000	98.2	85	115	08/08/2024

Batch R351426 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24080632-001AMSD

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	0.006000	92.6	0.4970	5.80	08/08/2024

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

Batch R351318 **SampType:** MS Units **mg/L**
SampID: 24071451-014BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		**0.716**	0.2500	0.4720	97.6	85	115	08/06/2024

Batch R351318 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24071451-014BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		**0.718**	0.2500	0.4720	98.4	0.7160	0.28	08/06/2024

Batch R351318 **SampType:** MS Units **mg/L**
SampID: 24071451-093BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.100		**1.71**	0.5000	1.207	101.0	85	115	08/06/2024

Batch R351318 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24071451-093BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.100		**1.70**	0.5000	1.207	98.2	1.712	0.82	08/06/2024

Batch R351318 **SampType:** MS Units **mg/L**
SampID: 24080359-006BMS

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	0.009000	97.2	85	115	08/06/2024

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Environmental Laboratory

Quality Control Results

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Client: Ramboll
Work Order: 24071451
Client Project: COF-24Q3
Report Date: 13-Sep-24

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

Batch R351318 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24080359-006BMSD

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	0.009000	96.4	0.2520	0.80	08/06/2024

Batch R351420 **SampType:** MS Units **mg/L**
SampID: 24071451-098BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.100	E	**2.34**	0.5000	1.826	102.8	85	115	08/07/2024

Batch R351420 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24071451-098BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.100	E	**2.32**	0.5000	1.826	98.8	2.340	0.86	08/07/2024

Batch R351420 **SampType:** MS Units **mg/L**
SampID: 24080512-001BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		**0.239**	0.2500	0	95.6	85	115	08/07/2024

Batch R351420 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24080512-001BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		**0.241**	0.2500	0	96.4	0.2390	0.83	08/07/2024

Batch R351457 **SampType:** MS Units **mg/L**
SampID: 24080689-004BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		**0.237**	0.2500	0	94.8	85	115	08/08/2024

Batch R351457 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24080689-004BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		**0.231**	0.2500	0	92.4	0.2370	2.56	08/08/2024

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Environmental Laboratory

Quality Control Results

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Client: Ramboll
Work Order: 24071451
Client Project: COF-24Q3
Report Date: 13-Sep-24

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

Batch R351061 **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	07/31/2024

Batch R351061 **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		**0.494**	0.5000	0	98.8	90	110	07/31/2024

Batch R351061 **SampType:** MS Units **mg/L**
SampID: 24071451-054AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		1.00		**15.8**	5.000	10.07	114.9	85	115	07/31/2024

Batch R351061 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24071451-054AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		1.00		**15.4**	5.000	10.07	106.5	15.82	2.70	07/31/2024

Batch R351061 **SampType:** MS Units **mg/L**
SampID: 24072405-003CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		**0.279**	0.2500	0.04400	94.0	85	115	07/31/2024

Batch R351061 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24072405-003CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		**0.274**	0.2500	0.04400	92.0	0.2790	1.81	07/31/2024

Batch R351061 **SampType:** MS Units **mg/L**
SampID: 24072460-003BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		5.00		**82.5**	25.00	58.00	97.9	90	110	07/31/2024

Batch R351061 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24072460-003BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		5.00		**81.3**	25.00	58.00	93.3	82.47	1.39	07/31/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 24071451
Client Project: COF-24Q3
Report Date: 13-Sep-24

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

Batch R351061 **SampType:** MS Units **mg/L**
SampID: 24072461-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.100		**1.11**	0.5000	0.6330	96.2	90	110	07/31/2024

Batch R351061 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24072461-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.100		**1.13**	0.5000	0.6330	98.8	1.114	1.16	07/31/2024

Batch R351061 **SampType:** MS Units **mg/L**
SampID: 24072496-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		2.50		**32.9**	12.50	19.46	107.4	90	110	07/31/2024

Batch R351061 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24072496-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		2.50		**31.9**	12.50	19.46	99.6	32.88	3.00	07/31/2024

Batch R351125 **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**						08/01/2024
Nitrogen, Nitrate-Nitrite (as N)		0.050		**< 0.050**	0.0090	0	0	-100	100	08/01/2024

Batch R351125 **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		**0.515**	0.5000	0	103.0	90	110	08/01/2024

Batch R351125 **SampType:** MS Units **mg/L**
SampID: 24072558-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.250		**2.47**	1.250	1.339	90.7	90	110	08/01/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll **Work Order:** 24071451

Client Project: COF-24Q3 **Report Date:** 13-Sep-24

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

Batch R351125 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24072558-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.250		**2.52**	1.250	1.339	94.9	2.473	2.08	08/01/2024

Batch R351125 **SampType:** MS Units **mg/Kg-dry**
SampID: 24072568-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		3.88		**19.4**	19.39	0	100.0	85	115	08/01/2024

Batch R351125 **SampType:** MSD Units **mg/Kg-dry** RPD Limit **10**
SampID: 24072568-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		3.88		**19.5**	19.39	0	100.8	19.39	0.80	08/01/2024

Batch R351217 **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**						08/02/2024
Nitrogen, Nitrate-Nitrite (as N)		0.050		**< 0.050**	0.0090	0	0	-100	100	08/02/2024

Batch R351217 **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		**0.523**	0.5000	0	104.6	90	110	08/02/2024

Batch R351217 **SampType:** MS Units **mg/L**
SampID: 24071451-077AMS

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	0.03000	87.2	85	115	08/02/2024

Batch R351217 **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
Nitrogen, Nitrate-Nitrite (as N)		0.050		**0.247**	0.2500	0.03000	86.8	0.2480	0.40	08/02/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll
Work Order: 24071451
Client Project: COF-24Q3
Report Date: 13-Sep-24

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

Batch R351217 **SampType:** MS Units **mg/L**
SampID: 24080017-002BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.100		**1.09**	0.5000	0.6210	93.4	90	110	08/02/2024

Batch R351217 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24080017-002BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.100		**1.10**	0.5000	0.6210	95.6	1.088	1.01	08/02/2024

Batch R351217 **SampType:** MS Units **mg/L**
SampID: 24080065-001DMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		5.00		**62.3**	25.00	37.50	99.2	90	110	08/02/2024

Batch R351217 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24080065-001DMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		5.00		**62.3**	25.00	37.50	99.3	62.30	0.05	08/02/2024

Batch R351217 **SampType:** MS Units **mg/L**
SampID: 24080156-002DMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.500		**2.52**	2.500	0.09900	96.9	90	110	08/02/2024

Batch R351217 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24080156-002DMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.500		**2.52**	2.500	0.09900	96.9	2.522	0.04	08/02/2024

Batch R351217 **SampType:** MS Units **mg/L**
SampID: 24080161-006BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		1.00		**12.9**	5.000	7.917	98.8	90	110	08/02/2024

Batch R351217 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24080161-006BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		1.00		**12.8**	5.000	7.917	98.3	12.86	0.22	08/02/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll **Work Order:** 24071451

Client Project: COF-24Q3 **Report Date:** 13-Sep-24

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

Batch R351271 **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**						08/05/2024
Nitrogen, Nitrate-Nitrite (as N)		0.050		**< 0.050**	0.0090	0	0	-100	100	08/05/2024

Batch R351271 **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		**0.479**	0.5000	0	95.8	90	110	08/05/2024

Batch R351271 **SampType:** MS Units **mg/Kg-dry**
SampID: 24080115-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		1.18		**9.70**	5.917	3.905	98.0	85	115	08/05/2024

Batch R351271 **SampType:** MSD Units **mg/Kg-dry** RPD Limit **10**
SampID: 24080115-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		1.18		**9.63**	5.917	3.905	96.8	9.704	0.73	08/05/2024

Batch R351271 **SampType:** MS Units **mg/L**
SampID: 24080167-002AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		1.00		**15.1**	5.000	10.26	97.7	90	110	08/05/2024

Batch R351271 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24080167-002AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		1.00		**15.1**	5.000	10.26	97.1	15.14	0.20	08/05/2024

Batch R351271 **SampType:** MS Units **mg/L**
SampID: 24080215-002AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		1.00		**9.84**	5.000	4.924	98.3	90	110	08/05/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll **Work Order:** 24071451

Client Project: COF-24Q3 **Report Date:** 13-Sep-24

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

Batch R351271 **SampType:** MSD Units **mg/L** RPD Limit **10**

SampID: 24080215-002AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		1.00		**9.76**	5.000	4.924	96.6	9.841	0.88	08/05/2024

Batch R351271 **SampType:** MS Units **mg/L**

SampID: 24080277-002AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		2.50		**33.7**	12.50	21.56	97.4	90	110	08/05/2024

Batch R351271 **SampType:** MSD Units **mg/L** RPD Limit **10**

SampID: 24080277-002AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		2.50		**34.6**	12.50	21.56	104.0	33.74	2.42	08/05/2024

Batch R351318 **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**						08/06/2024
Nitrogen, Nitrate-Nitrite (as N)		0.050		**< 0.050**	0.0090	0	0	-100	100	08/06/2024

Batch R351318 **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		**0.470**	0.5000	0	94.0	90	110	08/06/2024

Batch R351318 **SampType:** MS Units **mg/L**

SampID: 24080388-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050	H	**0.242**	0.2500	0	96.8	90	110	08/06/2024

Batch R351318 **SampType:** MSD Units **mg/L** RPD Limit **10**

SampID: 24080388-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050	H	**0.236**	0.2500	0	94.4	0.2420	2.51	08/06/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll **Work Order:** 24071451

Client Project: COF-24Q3 **Report Date:** 13-Sep-24

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

Batch R351420 **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**						08/07/2024
Nitrogen, Nitrate-Nitrite (as N)		0.050		**< 0.050**	0.0090	0	0	-100	100	08/07/2024

Batch R351420 **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		**0.484**	0.5000	0	96.8	90	110	08/07/2024

Batch R351420 **SampType:** MS Units **mg/L**
SampID: 24080571-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		2.50		**29.7**	12.50	17.39	98.7	90	110	08/07/2024

Batch R351420 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24080571-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		2.50		**30.3**	12.50	17.39	103.1	29.72	1.83	08/07/2024

Batch R351420 **SampType:** MS Units **mg/L**
SampID: 24080582-002AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.500		**4.89**	2.500	2.426	98.5	90	110	08/07/2024

Batch R351420 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24080582-002AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.500		**4.75**	2.500	2.426	93.1	4.889	2.82	08/07/2024

Batch R351457 **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**						08/08/2024
Nitrogen, Nitrate-Nitrite (as N)		0.050		**< 0.050**	0.0090	0	0	-100	100	08/08/2024

Teklab, Inc.
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Quality Control Results

Client: Ramboll
Work Order: 24071451
Client Project: COF-24Q3
Report Date: 13-Sep-24

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Batch R351457 **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		**0.481**	0.5000	0	96.2	90	110	08/08/2024

Batch R351457 **SampType:** MS Units **mg/L**
SampID: 24080397-006AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.500		**6.49**	2.500	4.005	99.5	90	110	08/08/2024

Batch R351457 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24080397-006AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.500		**6.45**	2.500	4.005	98.0	6.493	0.60	08/08/2024

Batch R351457 **SampType:** MS Units **mg/L**
SampID: 24080483-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		1.00		**18.4**	5.000	13.51	98.4	90	110	08/08/2024

Batch R351457 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24080483-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		1.00		**18.3**	5.000	13.51	96.2	18.43	0.60	08/08/2024

Batch R351457 **SampType:** MS Units **mg/L**
SampID: 24080588-001BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.250		**3.04**	1.250	1.782	100.8	90	110	08/08/2024

Batch R351457 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24080588-001BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.250		**3.09**	1.250	1.782	104.7	3.042	1.60	08/08/2024

Batch R351457 **SampType:** MS Units **mg/L**
SampID: 24080597-001CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		**0.263**	0.2500	0.01900	97.6	90	110	08/08/2024

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Quality Control Results

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Client: Ramboll
Work Order: 24071451
Client Project: COF-24Q3
Report Date: 13-Sep-24

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

Batch R351457 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24080597-001CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		**0.262**	0.2500	0.01900	97.2	0.2630	0.38	08/08/2024

Batch R351457 **SampType:** MS Units **mg/L**
SampID: 24080678-003BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.100		**1.76**	0.5000	1.268	98.4	90	110	08/08/2024

Batch R351457 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24080678-003BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.100		**1.74**	0.5000	1.268	95.4	1.760	0.86	08/08/2024

SW-846 9012A (TOTAL)

Batch 226480 **SampType:** MBLK Units **mg/L**
SampID: MBLK 240731 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	08/01/2024

Batch 226480 **SampType:** LCS Units **mg/L**
SampID: LCS 240731 TCN1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Cyanide		0.005		**0.022**	0.0250	0	89.7	85	115	08/01/2024

Batch 226480 **SampType:** MS Units **mg/L**
SampID: 24071451-030EMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Cyanide		0.005		**0.025**	0.0250	0	101.5	75	125	08/01/2024

Batch 226480 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24071451-030EMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Cyanide		0.005		**0.024**	0.0250	0	97.2	0.02538	4.37	08/01/2024

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Client: Ramboll
Work Order: 24071451
Client Project: COF-24Q3
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SW-846 9012A (TOTAL)

Batch 226619 **SampType:** MBLK Units **mg/L**
SampID: MBLK 240802 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	08/05/2024

Batch 226619 **SampType:** LCS Units **mg/L**
SampID: LCS 240802 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	95.6	85	115	08/05/2024

Batch 226619 **SampType:** MS Units **mg/L**
SampID: 24080007-001HMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Cyanide		0.005		**0.023**	0.0250	0	91.1	75	125	08/05/2024

Batch 226619 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24080007-001HMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Cyanide		0.005		**0.023**	0.0250	0	92.3	0.02277	1.33	08/05/2024

Batch 226619 **SampType:** MS Units **mg/L**
SampID: 24080009-001HMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Cyanide		0.005		**0.020**	0.0250	0	78.7	75	125	08/05/2024

Batch 226619 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24080009-001HMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Cyanide		0.005		**0.020**	0.0250	0	78.2	0.01968	0.66	08/05/2024

Batch 226680 **SampType:** MBLK Units **mg/L**
SampID: MBLK 240805 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	08/06/2024

Batch 226680 **SampType:** LCS Units **mg/L**
SampID: LCS 240805 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	101.5	90	110	08/06/2024

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Client: Ramboll
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Client Project: COF-24Q3
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Batch 226680 **SampType:** MS Units **mg/L**
SampID: 24080111-001AMS

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	08/06/2024

Batch 226680 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24080111-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Cyanide		0.005		**0.024**	0.0250	0	97.4	0.02612	7.04	08/06/2024

Batch 226681 **SampType:** MBLK Units **mg/L**
SampID: MBLK 240805 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	08/06/2024

Batch 226681 **SampType:** LCS Units **mg/L**
SampID: LCS 240805 TCN2

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Cyanide		0.005		**0.026**	0.0250	0	103.4	90	110	08/06/2024

Batch 226681 **SampType:** MS Units **mg/L**
SampID: 24071451-049EMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Cyanide		0.005		**0.027**	0.0250	0	107.3	75	125	08/06/2024

Batch 226681 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24071451-049EMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Cyanide		0.005		**0.026**	0.0250	0	105.6	0.02682	1.63	08/06/2024

Batch 226681 **SampType:** MS Units **mg/L**
SampID: 24080305-002AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Cyanide		0.005		**0.025**	0.0250	0	101.3	90	110	08/06/2024

Batch 226681 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24080305-002AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Cyanide		0.005		**0.026**	0.0250	0	103.1	0.02532	1.78	08/06/2024

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Client Project: COF-24Q3
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SW-846 9012A (TOTAL)

Batch 226764 **SampType:** MBLK Units **mg/L**
SampID: MBLK 240806 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	08/07/2024

Batch 226764 **SampType:** LCS Units **mg/L**
SampID: LCS 240806 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	104.9	90	110	08/07/2024

Batch 226764 **SampType:** MS Units **mg/L**
SampID: 24072505-001CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Cyanide		0.005		**0.028**	0.0250	0.003470	98.5	90	110	08/07/2024

Batch 226764 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24072505-001CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Cyanide		0.005		**0.028**	0.0250	0.003470	97.3	0.02808	1.00	08/07/2024

Batch 226764 **SampType:** MS Units **mg/L**
SampID: 24072536-002BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Cyanide		0.005	S	**0.019**	0.0250	0.001915	67.6	90	110	08/07/2024

Batch 226764 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24072536-002BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Cyanide		0.005	S	**0.021**	0.0250	0.001915	76.0	0.01882	10.57	08/07/2024

Batch 226765 **SampType:** MBLK Units **mg/L**
SampID: MBLK 240806 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	08/07/2024

Batch 226765 **SampType:** LCS Units **mg/L**
SampID: LCS 240806 TCN2

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Cyanide		0.005		**0.026**	0.0250	0	103.6	90	110	08/07/2024

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Client: Ramboll
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Batch 226765 **SampType:** MS Units **mg/L**
SampID: 24080185-001CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Cyanide		0.005	S	**0.024**	0.0250	0.005185	75.0	90	110	08/07/2024

Batch 226765 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24080185-001CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Cyanide		0.005	R	**0.029**	0.0250	0.005185	95.5	0.02392	19.42	08/07/2024

Batch 226765 **SampType:** MS Units **mg/L**
SampID: 24080279-001CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Cyanide		0.025	S	**0.073**	0.1250	0	58.6	90	110	08/07/2024

Batch 226765 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24080279-001CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Cyanide		0.025	S	**0.074**	0.1250	0	59.5	0.07328	1.46	08/07/2024

Batch 226818 **SampType:** MBLK Units **mg/L**
SampID: MBLK 240807 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	08/08/2024

Batch 226818 **SampType:** LCS Units **mg/L**
SampID: LCS 240807 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	98.1	90	110	08/08/2024

Batch 226818 **SampType:** MS Units **mg/L**
SampID: 24071451-007EMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Cyanide		0.005	S	**0.017**	0.0250	0	69.5	75	125	08/08/2024

Batch 226818 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24071451-007EMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Cyanide		0.005	S	**0.017**	0.0250	0	67.4	0.01738	3.16	08/08/2024

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Quality Control Results

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Client: Ramboll
Work Order: 24071451
Client Project: COF-24Q3
Report Date: 13-Sep-24

SW-846 9012A (TOTAL)

Batch 226820 **SampType:** MBLK Units **mg/L**
SampID: MBLK 240807 TCN3

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	08/08/2024

Batch 226820 **SampType:** LCS Units **mg/L**
SampID: LCS 240807 TCN3

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	85	115	08/08/2024

Batch 226820 **SampType:** MS Units **mg/L**
SampID: 24080359-002DMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Cyanide		0.005		**0.024**	0.0250	0	98.0	75	125	08/08/2024

Batch 226820 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24080359-002DMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Cyanide		0.005		**0.025**	0.0250	0	101.0	0.02450	3.02	08/08/2024

Batch 226820 **SampType:** MS Units **mg/L**
SampID: 24080359-007DMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Cyanide		0.005		**0.025**	0.0250	0	100.9	75	125	08/08/2024

Batch 226820 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24080359-007DMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Cyanide		0.005		**0.025**	0.0250	0	98.7	0.02522	2.16	08/08/2024

Batch 226879 **SampType:** MBLK Units **mg/L**
SampID: MBLK 240808 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	08/09/2024

Batch 226879 **SampType:** LCS Units **mg/L**
SampID: LCS 240808 TCN2

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Cyanide		0.005		**0.025**	0.0250	0	98.3	85	115	08/09/2024

Teklab, Inc.
Environmental Laboratory

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Client: Ramboll
Work Order: 24071451
Client Project: COF-24Q3
Report Date: 13-Sep-24

SW-846 9012A (TOTAL)

Batch 226879 **SampType:** MS Units **mg/L**
SampID: 24080513-002EMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Cyanide		0.005		**0.025**	0.0250	0	99.6	75	125	08/09/2024

Batch 226879 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24080513-002EMSD

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	0.02491	1.15	08/09/2024

Batch 226879 **SampType:** MS Units **mg/L**
SampID: 24080513-010EMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Cyanide		0.005		**0.026**	0.0250	0.001550	96.8	75	125	08/09/2024

Batch 226879 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24080513-010EMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Cyanide		0.005		**0.027**	0.0250	0.001550	101.5	0.02576	4.46	08/09/2024

Batch 226930 **SampType:** MBLK Units **mg/L**
SampID: MBLK 240809 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	08/12/2024

Batch 226930 **SampType:** LCS Units **mg/L**
SampID: LCS 240809 TCN2

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Cyanide		0.005		**0.023**	0.0250	0	91.2	90	110	08/12/2024

Batch 227393 **SampType:** MBLK Units **mg/L**
SampID: MBLK 240820 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	08/22/2024

Batch 227393 **SampType:** LCS Units **mg/L**
SampID: LCS 240820 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	101.4	90	110	08/22/2024

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Quality Control Results

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Client: Ramboll **Work Order:** 24071451

Client Project: COF-24Q3 **Report Date:** 13-Sep-24

SW-846 9012A (TOTAL)

Batch 227393 **SampType:** MS Units **mg/L**
SampID: 24081349-001CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Cyanide		0.025		**0.122**	0.1250	0	97.5	90	110	08/22/2024

Batch 227393 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24081349-001CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Cyanide		0.025		**0.123**	0.1250	0	98.5	0.1218	1.02	08/22/2024

Batch 227393 **SampType:** MS Units **mg/L**
SampID: 24081364-001BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Cyanide		0.005	S	**0.030**	0.0250	0.008085	88.0	90	110	08/22/2024

Batch 227393 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24081364-001BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Cyanide		0.005	S	**0.028**	0.0250	0.008085	81.4	0.03008	5.66	08/22/2024

SW-846 9036 (DISSOLVED)

Batch R351209 **SampType:** MS Units **mg/L**
SampID: 24071451-025BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		20	E	**109**	40.00	74.09	88.1	85	115	08/02/2024

Batch R351209 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24071451-025BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		20	E	**113**	40.00	74.09	96.7	109.3	3.08	08/02/2024

Batch R351209 **SampType:** MS Units **mg/L**
SampID: 24071451-031BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		10	E	**54**	20.00	36.52	89.9	85	115	08/02/2024

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Quality Control Results

Client: Ramboll
Work Order: 24071451
Client Project: COF-24Q3
Report Date: 13-Sep-24

SW-846 9036 (DISSOLVED)

Batch R351209 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24071451-031BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		10	E	**55**	20.00	36.52	92.6	54.50	0.99	08/02/2024

Batch R351305 **SampType:** MS Units **mg/L**
SampID: 24071451-034BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		50		**171**	100.0	79.20	91.9	85	115	08/06/2024

Batch R351305 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24071451-034BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		50		**174**	100.0	79.20	94.8	171.1	1.65	08/06/2024

Batch R351398 **SampType:** MS Units **mg/L**
SampID: 24071451-014BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		20		**90**	40.00	50.64	99.3	85	115	08/07/2024

Batch R351398 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24071451-014BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		20		**90**	40.00	50.64	98.2	90.35	0.48	08/07/2024

Batch R351398 **SampType:** MS Units **mg/L**
SampID: 24080359-001BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		50		**209**	100.0	114.5	94.0	85	115	08/07/2024

Batch R351398 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24080359-001BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		50		**215**	100.0	114.5	100.5	208.5	3.04	08/07/2024

Batch R351547 **SampType:** MS Units **mg/L**
SampID: 24071451-018BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		100		**316**	200.0	133.2	91.4	85	115	08/09/2024

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Client: Ramboll
Work Order: 24071451
Client Project: COF-24Q3
Report Date: 13-Sep-24

SW-846 9036 (DISSOLVED)

Batch R351547 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24071451-018BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		100		**314**	200.0	133.2	90.5	316.0	0.57	08/09/2024

Batch R351547 **SampType:** MS Units **mg/L**
SampID: 24071451-044BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		20		**97**	40.00	55.40	103.6	85	115	08/09/2024

Batch R351547 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24071451-044BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		20		**99**	40.00	55.40	108.9	96.84	2.18	08/09/2024

Batch R351547 **SampType:** MS Units **mg/L**
SampID: 24071451-098BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		20		**90**	40.00	49.59	100.8	85	115	08/09/2024

Batch R351547 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24071451-098BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		20		**93**	40.00	49.59	108.6	89.89	3.43	08/09/2024

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

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Environmental Laboratory

Quality Control Results

Client: Ramboll
Work Order: 24071451
Client Project: COF-24Q3
Report Date: 13-Sep-24

SW-846 9036 (TOTAL)

Batch R351209 **SampType:** MBLK Units **mg/L**
SampID: MBLK/ICB

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	08/02/2024

Batch R351209 **SampType:** MBLK Units **mg/L**
SampID: MBLK-226428

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate	*	10	J	**9**	9.400	0	100.0	-100	100	08/02/2024

Batch R351209 **SampType:** LCS Units **mg/L**
SampID: LCS/ICV

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		10		**19**	20.00	0	95.6	90	110	08/02/2024

Batch R351209 **SampType:** MS Units **mg/L**
SampID: 24072398-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		10	S	**23**	20.00	9.380	70.0	90	110	08/02/2024

Batch R351209 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24072398-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		10	S	**24**	20.00	9.380	70.8	23.39	0.68	08/02/2024

Batch R351305 **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	08/06/2024

Batch R351305 **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	92.2	90	110	08/06/2024

Batch R351305 **SampType:** MS Units **mg/L**
SampID: 24072470-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		50		**186**	100.0	88.42	97.9	85	115	08/06/2024

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Client: Ramboll
Work Order: 24071451
Client Project: COF-24Q3
Report Date: 13-Sep-24

SW-846 9036 (TOTAL)

Batch R351305 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24072470-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		50		**183**	100.0	88.42	94.3	186.3	1.95	08/06/2024

Batch R351305 **SampType:** MS Units **mg/L**
SampID: 24072589-002AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		100		**432**	200.0	233.8	98.9	85	115	08/06/2024

Batch R351305 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24072589-002AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		100		**442**	200.0	233.8	104.1	431.6	2.40	08/06/2024

Batch R351305 **SampType:** MS Units **mg/L**
SampID: 24072590-002AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		100		**410**	200.0	218.9	95.3	85	115	08/06/2024

Batch R351305 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24072590-002AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		100		**413**	200.0	218.9	97.2	409.6	0.89	08/06/2024

Batch R351305 **SampType:** MS Units **mg/L**
SampID: 24072591-003AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		50		**203**	100.0	103.7	98.8	85	115	08/06/2024

Batch R351305 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24072591-003AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		50		**203**	100.0	103.7	99.4	202.5	0.25	08/06/2024

Batch R351305 **SampType:** MS Units **mg/L**
SampID: 24072592-003AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		50	E	**262**	100.0	156.2	105.6	85	115	08/06/2024

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Client: Ramboll
Work Order: 24071451
Client Project: COF-24Q3
Report Date: 13-Sep-24

SW-846 9036 (TOTAL)

Batch R351305 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24072592-003AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		50	E	**271**	100.0	156.2	114.8	261.8	3.46	08/06/2024

Batch R351305 **SampType:** MS Units **mg/L**
SampID: 24080304-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		100	E	**505**	200.0	307.2	98.9	90	110	08/06/2024

Batch R351305 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24080304-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		100	E	**512**	200.0	307.2	102.6	505.1	1.43	08/06/2024

Batch R351398 **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	08/07/2024

Batch R351398 **SampType:** LCS Units **mg/L**
SampID: ICV/LCS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		10		**19**	20.00	0	95.2	90	110	08/07/2024

Batch R351398 **SampType:** MS Units **mg/L**
SampID: 24071451-002AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		50		**250**	100.0	146.4	103.3	85	115	08/07/2024

Batch R351398 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24071451-002AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		50	E	**253**	100.0	146.4	106.9	249.6	1.44	08/07/2024

Batch R351398 **SampType:** MS Units **mg/L**
SampID: 24080156-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		1000		**3590**	2000	1771	90.8	90	110	08/07/2024

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Client: Ramboll
Work Order: 24071451
Client Project: COF-24Q3
Report Date: 13-Sep-24

SW-846 9036 (TOTAL)

Batch R351398 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24080156-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		1000		**3650**	2000	1771	93.7	3587	1.64	08/07/2024

Batch R351398 **SampType:** MS Units **mg/L**
SampID: 24080228-001BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		50	E	**271**	100.0	170.6	100.2	90	110	08/07/2024

Batch R351398 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24080228-001BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		50	E	**272**	100.0	170.6	101.3	270.8	0.41	08/07/2024

Batch R351547 **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	08/09/2024

Batch R351547 **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	90.3	90	110	08/09/2024

Batch R351547 **SampType:** MS Units **mg/L**
SampID: 24080678-003AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		10	E	**57**	20.00	38.22	91.9	90	110	08/09/2024

Batch R351547 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24080678-003AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		10	E	**59**	20.00	38.22	101.7	56.60	3.39	08/09/2024

Batch R351547 **SampType:** MS Units **mg/L**
SampID: 24080680-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		10	E	**52**	20.00	33.15	95.8	90	110	08/09/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll
Work Order: 24071451
Client Project: COF-24Q3
Report Date: 13-Sep-24

SW-846 9036 (TOTAL)

Batch R351547 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24080680-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		10	E	**53**	20.00	33.15	99.2	52.31	1.29	08/09/2024

Batch R351547 **SampType:** MS Units **mg/L**
SampID: 24080862-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		5000		**20800**	10000	11000	98.3	90	110	08/09/2024

Batch R351547 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24080862-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		5000		**21300**	10000	11000	103.3	20830	2.34	08/09/2024

Batch R351588 **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	08/12/2024

Batch R351588 **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	94.4	90	110	08/12/2024

Batch R351588 **SampType:** MS Units **mg/L**
SampID: 24071451-031AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		20		**72**	40.00	35.11	91.0	85	115	08/12/2024

Batch R351588 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24071451-031AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		20		**71**	40.00	35.11	88.9	71.53	1.21	08/12/2024

Batch R351588 **SampType:** MS Units **mg/L**
SampID: 24071451-042AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		20	E	**112**	40.00	74.18	94.1	85	115	08/12/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

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Client: Ramboll
Work Order: 24071451
Client Project: COF-24Q3
Report Date: 13-Sep-24

SW-846 9036 (TOTAL)

Batch R351588 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24071451-042AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		20	E	**115**	40.00	74.18	102.3	111.8	2.89	08/12/2024

Batch R351588 **SampType:** MS Units **mg/L**
SampID: 24071451-044AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		20		**100**	40.00	64.57	88.6	85	115	08/12/2024

Batch R351588 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24071451-044AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		20	E	**104**	40.00	64.57	97.8	99.99	3.65	08/12/2024

Batch R351588 **SampType:** MS Units **mg/L**
SampID: 24071451-058AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		20	E	**109**	40.00	70.30	96.8	85	115	08/12/2024

Batch R351588 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24071451-058AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		20	E	**108**	40.00	70.30	94.4	109.0	0.88	08/12/2024

Batch R351588 **SampType:** MS Units **mg/L**
SampID: 24081024-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		50		**228**	100.0	124.6	103.3	90	110	08/12/2024

Batch R351588 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24081024-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		50		**227**	100.0	124.6	102.9	227.9	0.20	08/12/2024

Batch R351588 **SampType:** MS Units **mg/L**
SampID: 24081026-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		100	E	**519**	200.0	337.3	90.8	90	110	08/13/2024

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Client: Ramboll
Work Order: 24071451
Client Project: COF-24Q3
Report Date: 13-Sep-24

SW-846 9036 (TOTAL)

Batch R351588 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24081026-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		100	E	**529**	200.0	337.3	95.8	518.9	1.91	08/13/2024

Batch R351588 **SampType:** MS Units **mg/L**
SampID: 24081027-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		100	E	**532**	200.0	332.5	99.7	90	110	08/13/2024

Batch R351588 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24081027-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		100	E	**521**	200.0	332.5	94.4	531.9	2.05	08/13/2024

Batch R351696 **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	08/13/2024

Batch R351696 **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	92.4	90	110	08/13/2024

Batch R351696 **SampType:** MS Units **mg/L**
SampID: 24080553-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		10	S	**20**	20.00	7.020	65.7	85	115	08/13/2024

Batch R351696 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24080553-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		10	S	**22**	20.00	7.020	73.5	20.15	7.50	08/13/2024

Batch R351696 **SampType:** MS Units **mg/L**
SampID: 24080553-003AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		10		**44**	20.00	23.54	100.4	85	115	08/13/2024

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Client: Ramboll
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Client Project: COF-24Q3
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Batch R351696 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24080553-003AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		10		**44**	20.00	23.54	104.2	43.63	1.73	08/13/2024

Batch R351696 **SampType:** MS Units **mg/L**
SampID: 24080553-005AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		10		**31**	20.00	12.99	89.2	85	115	08/13/2024

Batch R351696 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24080553-005AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		10		**30**	20.00	12.99	86.9	30.82	1.47	08/13/2024

Batch R351696 **SampType:** MS Units **mg/L**
SampID: 24080717-002AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		50	SH	**149**	100.0	65.75	82.8	90	110	08/13/2024

Batch R351696 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24080717-002AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		50	SH	**150**	100.0	65.75	84.2	148.6	0.89	08/13/2024

Batch R351696 **SampType:** MS Units **mg/L**
SampID: 24080717-005AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		100		**363**	200.0	158.3	102.3	90	110	08/13/2024

Batch R351696 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24080717-005AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		100		**362**	200.0	158.3	102.0	362.8	0.12	08/13/2024

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

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Client: Ramboll
Work Order: 24071451
Client Project: COF-24Q3
Report Date: 13-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

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Client: Ramboll
Work Order: 24071451
Client Project: COF-24Q3
Report Date: 13-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

SW846 9056A DISSOLVED ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY

Batch R351389 **SampType:** MS Units **mg/L**
SampID: 24071451-004BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride	*	0.50		**10.3**	10.00	0.2670	100.0	80	120	08/07/2024

Batch R351389 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24071451-004BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride	*	0.50		**10.2**	10.00	0.2670	99.6	10.27	0.42	08/07/2024

Batch R351389 **SampType:** MS Units **mg/L**
SampID: 24071451-010BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride	*	0.50		**10.2**	10.00	0.2570	99.6	80	120	08/07/2024

Batch R351389 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24071451-010BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride	*	0.50		**10.2**	10.00	0.2570	99.8	10.22	0.18	08/07/2024

Batch R351389 **SampType:** MS Units **mg/L**
SampID: 24071451-011BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride	*	0.50		**10.3**	10.00	0.2720	99.8	80	120	08/07/2024

Batch R351389 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24071451-011BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride	*	0.50		**10.2**	10.00	0.2720	99.5	10.25	0.31	08/07/2024

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Client: Ramboll **Work Order:** 24071451

Client Project: COF-24Q3 **Report Date:** 13-Sep-24

SW846 9056A DISSOLVED ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY

Batch R351419 **SampType:** MS Units **mg/L**
SampID: 24071451-018BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride	*	0.50		**10.2**	10.00	0.3040	98.6	80	120	08/08/2024

Batch R351419 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24071451-018BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride	*	0.50		**10.2**	10.00	0.3040	99.4	10.16	0.80	08/08/2024

Batch R351606 **SampType:** MS Units **mg/L**
SampID: 24071451-022BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride	*	0.50		**10.5**	10.00	0.5660	99.0	80	120	08/13/2024

Batch R351606 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24071451-022BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride	*	0.50		**10.5**	10.00	0.5660	99.1	10.46	0.12	08/13/2024

Batch R351606 **SampType:** MS Units **mg/L**
SampID: 24071451-024BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride	*	0.50		**10.4**	10.00	0.4570	99.3	80	120	08/13/2024

Batch R351606 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24071451-024BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride	*	0.50		**10.4**	10.00	0.4570	99.7	10.38	0.38	08/13/2024

Batch R351606 **SampType:** MS Units **mg/L**
SampID: 24071451-025BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride	*	0.50		**10.8**	10.00	0.9060	99.3	80	120	08/13/2024

Batch R351606 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24071451-025BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride	*	0.50		**10.8**	10.00	0.9060	99.3	10.84	0.02	08/13/2024

Teklab, Inc. Environmental Laboratory

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Client: Ramboll **Work Order:** 24071451

Client Project: COF-24Q3 **Report Date:** 13-Sep-24

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Batch R351606 **SampType:** MS Units **mg/L**
SampID: 24071451-026BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride	*	0.50		**10.7**	10.00	0.7180	100.2	80	120	08/13/2024

Batch R351606 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24071451-026BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride	*	0.50		**10.7**	10.00	0.7180	99.3	10.74	0.87	08/13/2024

SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY

Batch R351389 **SampType:** MBLK Units **mg/L**
SampID: MBLK/ICB

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.05		**ND**						08/07/2024

Batch R351389 **SampType:** LCS Units **mg/L**
SampID: LCS/ICV/QCS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.05		**1.01**	1.000	0	101.4	90	110	08/07/2024

Batch R351389 **SampType:** MS Units **mg/L**
SampID: 24071451-002AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride	*	0.50		**10.2**	10.00	0.3060	99.3	80	120	08/07/2024

Batch R351389 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24071451-002AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride	*	0.50		**10.3**	10.00	0.3060	99.7	10.23	0.47	08/07/2024

Batch R351389 **SampType:** MS Units **mg/L**
SampID: 24071451-012AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride	*	0.50		**10.3**	10.00	0.3330	100.1	80	120	08/07/2024

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Client: Ramboll
Work Order: 24071451
Client Project: COF-24Q3
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SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY

Batch R351389 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24071451-012AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride	*	0.50		**10.3**	10.00	0.3330	99.5	10.34	0.53	08/07/2024

Batch R351389 **SampType:** MS Units **mg/L**
SampID: 24080156-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride	*	0.10	S	**0.88**	2.000	0.02840	42.6	80	120	08/07/2024

Batch R351389 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24080156-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride	*	0.10	S	**0.84**	2.000	0.02840	40.8	0.8814	4.26	08/07/2024

Batch R351389 **SampType:** MS Units **mg/L**
SampID: 24080305-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**2.18**	2.000	0.1666	100.7	80	120	08/07/2024

Batch R351389 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24080305-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**2.19**	2.000	0.1666	101.0	2.181	0.23	08/07/2024

Batch R351419 **SampType:** MBLK Units **mg/L**
SampID: MBLK/ICB

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.05		**ND**						08/08/2024

Batch R351419 **SampType:** LCS Units **mg/L**
SampID: LCS/ICV/QCS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.05		**0.99**	1.000	0	98.6	90	110	08/08/2024

Batch R351419 **SampType:** MS Units **mg/L**
SampID: 24071451-044AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride	*	0.50		**10.2**	10.00	0.3140	99.0	80	120	08/08/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24071451

Client Project: COF-24Q3 **Report Date:** 13-Sep-24

SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY

Batch R351419 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24071451-044AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride	*	0.50		**10.2**	10.00	0.3140	99.0	10.21	0.07	08/08/2024

Batch R351419 **SampType:** MS Units **mg/L**
SampID: 24080678-004AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		**10.2**	10.00	0.3010	98.9	80	120	08/08/2024

Batch R351419 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24080678-004AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.50		**10.3**	10.00	0.3010	99.5	10.19	0.64	08/08/2024

Batch R351419 **SampType:** MS Units **mg/L**
SampID: 24080715-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		**10.7**	10.00	0.8410	98.4	80	120	08/08/2024

Batch R351419 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24080715-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.50		**10.7**	10.00	0.8410	98.9	10.68	0.49	08/08/2024

Batch R351606 **SampType:** MBLK Units **mg/L**
SampID: MBLK/ICB

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.05		**ND**						08/13/2024

Batch R351606 **SampType:** LCS Units **mg/L**
SampID: LCS/ICV/QCS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.05		**0.99**	1.000	0	98.9	90	110	08/13/2024

Batch R351606 **SampType:** MS Units **mg/L**
SampID: 24071451-025AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride	*	0.50		**10.9**	10.00	0.8930	99.6	80	120	08/13/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

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Client: Ramboll
Work Order: 24071451
Client Project: COF-24Q3
Report Date: 13-Sep-24

SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY

Batch R351606 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24071451-025AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride	*	0.50		**10.9**	10.00	0.8930	99.7	10.85	0.05	08/13/2024

Batch R351606 **SampType:** MS Units **mg/L**
SampID: 24071451-028AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride	*	0.50		**10.2**	10.00	0.3960	98.4	80	120	08/13/2024

Batch R351606 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24071451-028AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride	*	0.50		**10.3**	10.00	0.3960	99.2	10.24	0.74	08/13/2024

SW-846 9066 (TOTAL)

Batch R351148 **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	08/02/2024

Batch R351148 **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		**0.049**	0.0500	0	98.2	90	110	08/02/2024

Batch R351148 **SampType:** MS Units **µg/L**
SampID: 24071451-030FMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Phenols		5		**49**	50.00	0	98.5	85	115	08/02/2024

Batch R351148 **SampType:** MSD Units **µg/L** RPD Limit **15**
SampID: 24071451-030FMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Phenols		5		**51**	50.00	0	101.0	49.26	2.51	08/02/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll
Work Order: 24071451
Client Project: COF-24Q3
Report Date: 13-Sep-24

SW-846 9066 (TOTAL)

Batch R351148 **SampType:** MS Units **mg/L**
SampID: 24080025-002EMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Phenols		0.025		**0.256**	0.2500	0	102.6	90	110	08/02/2024

Batch R351148 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24080025-002EMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Phenols		0.025		**0.262**	0.2500	0	104.6	0.2565	1.99	08/02/2024

Batch R351148 **SampType:** MS Units **mg/L**
SampID: 24080094-001EMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Phenols		0.005		**0.055**	0.0500	0.003860	101.9	90	110	08/02/2024

Batch R351148 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24080094-001EMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Phenols		0.005		**0.053**	0.0500	0.003860	98.3	0.05481	3.34	08/02/2024

Batch R351322 **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	08/06/2024

Batch R351322 **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		**0.050**	0.0500	0	99.6	90	110	08/06/2024

Batch R351322 **SampType:** MS Units **mg/L**
SampID: 24080065-002BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Phenols		0.050		**0.551**	0.5000	0.05054	100.1	90	110	08/06/2024

Batch R351322 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24080065-002BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Phenols		0.050		**0.556**	0.5000	0.05054	101.2	0.5511	0.94	08/06/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24071451

Client Project: COF-24Q3 **Report Date:** 13-Sep-24

SW-846 9066 (TOTAL)

Batch R351322 **SampType:** MS Units **mg/L**
SampID: 24080184-002BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Phenols		0.005	S	**0.078**	0.0500	0.01632	123.3	90	110	08/06/2024

Batch R351322 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24080184-002BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Phenols		0.005	S	**0.080**	0.0500	0.01632	127.4	0.07799	2.59	08/06/2024

Batch R351322 **SampType:** MS Units **mg/L**
SampID: 24080282-001GMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Phenols		0.005	S	**0.065**	0.0500	0.003720	123.2	90	110	08/06/2024

Batch R351322 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24080282-001GMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Phenols		0.005	S	**0.064**	0.0500	0.003720	121.3	0.06532	1.50	08/06/2024

Batch R351322 **SampType:** MS Units **mg/L**
SampID: 24080305-002BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Phenols		0.005	S	**0.061**	0.0500	0.002900	116.2	90	110	08/06/2024

Batch R351322 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24080305-002BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Phenols		0.005	S	**0.059**	0.0500	0.002900	112.5	0.06100	3.10	08/06/2024

Batch R351359 **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	08/07/2024

Batch R351359 **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		**0.051**	0.0500	0	102.6	90	110	08/07/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll
Work Order: 24071451
Client Project: COF-24Q3
Report Date: 13-Sep-24

SW-846 9066 (TOTAL)

Batch R351359 **SampType:** MS Units **mg/L**
SampID: 24080408-002BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Phenols		0.005	S	**0.081**	0.0500	0.01071	140.0	90	110	08/07/2024

Batch R351359 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24080408-002BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Phenols		0.005	S	**0.078**	0.0500	0.01071	134.3	0.08073	3.61	08/07/2024

Batch R351359 **SampType:** MS Units **mg/L**
SampID: 24080416-002BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Phenols		0.005	S	**0.071**	0.0500	0.007080	127.3	90	110	08/07/2024

Batch R351359 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24080416-002BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Phenols		0.005	S	**0.070**	0.0500	0.007080	126.8	0.07073	0.34	08/07/2024

Batch R351516 **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	08/09/2024

Batch R351516 **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		**0.050**	0.0500	0	100.9	90	110	08/09/2024

Batch R351516 **SampType:** MS Units **µg/L**
SampID: 24071451-005FMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Phenols		5		**52**	50.00	0	104.3	85	115	08/09/2024

Batch R351516 **SampType:** MSD Units **µg/L** RPD Limit **15**
SampID: 24071451-005FMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Phenols		5		**51**	50.00	0	101.9	52.16	2.39	08/09/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24071451

Client Project: COF-24Q3 **Report Date:** 13-Sep-24

SW-846 9066 (TOTAL)

Batch R351516 **SampType:** MS Units **µg/L**
SampID: 24071451-027FMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Phenols		5		**50**	50.00	0	100.7	85	115	08/09/2024

Batch R351516 **SampType:** MSD Units **µg/L** RPD Limit **15**
SampID: 24071451-027FMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Phenols		5		**51**	50.00	0	102.1	50.35	1.34	08/09/2024

Batch R351516 **SampType:** MS Units **µg/L**
SampID: 24071451-037FMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Phenols		5		**54**	50.00	0	107.5	85	115	08/09/2024

Batch R351516 **SampType:** MSD Units **µg/L** RPD Limit **15**
SampID: 24071451-037FMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Phenols		5		**54**	50.00	0	107.6	53.73	0.09	08/09/2024

Batch R351516 **SampType:** MS Units **µg/L**
SampID: 24071451-089FMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Phenols		5		**59**	50.00	8.190	102.6	85	115	08/09/2024

Batch R351516 **SampType:** MSD Units **µg/L** RPD Limit **15**
SampID: 24071451-089FMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Phenols		5		**61**	50.00	8.190	105.8	59.49	2.62	08/09/2024

Batch R351516 **SampType:** MS Units **mg/L**
SampID: 24080573-001GMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Phenols		0.005	S	**0.063**	0.0500	0.003890	119.2	90	110	08/09/2024

Batch R351516 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24080573-001GMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Phenols		0.005	S	**0.066**	0.0500	0.003890	124.0	0.06349	3.73	08/09/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

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Client: Ramboll
Work Order: 24071451
Client Project: COF-24Q3
Report Date: 13-Sep-24

SW-846 9066 (TOTAL)

Batch R351516 **SampType:** MS Units **mg/L**
SampID: 24080791-001DMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Phenols		0.005	S	**0.064**	0.0500	0.003960	119.2	90	110	08/09/2024

Batch R351516 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24080791-001DMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Phenols		0.005	S	**0.061**	0.0500	0.003960	114.6	0.06356	3.72	08/09/2024

Batch R351660 **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	08/13/2024

Batch R351660 **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		**0.047**	0.0500	0	93.3	90	110	08/13/2024

Batch R351660 **SampType:** MS Units **µg/L**
SampID: 24071451-044FMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Phenols		5		**51**	50.00	0	102.7	85	115	08/13/2024

Batch R351660 **SampType:** MSD Units **µg/L** RPD Limit **15**
SampID: 24071451-044FMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Phenols		5		**52**	50.00	0	104.3	51.34	1.55	08/13/2024

Batch R351660 **SampType:** MS Units **µg/L**
SampID: 24080600-002BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Phenols		5		**50**	50.00	0	100.8	85	115	08/13/2024

Batch R351660 **SampType:** MSD Units **µg/L** RPD Limit **15**
SampID: 24080600-002BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Phenols		5		**51**	50.00	0	101.4	50.38	0.59	08/13/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24071451

Client Project: COF-24Q3 **Report Date:** 13-Sep-24

SW-846 9066 (TOTAL)

Batch R351660 **SampType:** MS Units **µg/L**
SampID: 24080810-001FMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Phenols		5		**53**	50.00	0	105.8	85	115	08/13/2024

Batch R351660 **SampType:** MSD Units **µg/L** RPD Limit **15**
SampID: 24080810-001FMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Phenols		5		**54**	50.00	0	107.0	52.89	1.18	08/13/2024

Batch R351660 **SampType:** MS Units **mg/L**
SampID: 24081005-001GMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Phenols		0.005		**0.054**	0.0500	0	107.4	90	110	08/13/2024

Batch R351660 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24081005-001GMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Phenols		0.005		**0.054**	0.0500	0	108.7	0.05368	1.26	08/13/2024

SW-846 9251 (DISSOLVED)

Batch R351226 **SampType:** MS Units **mg/L**
SampID: 24071451-025BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		4		**23**	20.00	3.650	98.0	85	115	08/02/2024

Batch R351226 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24071451-025BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		4		**23**	20.00	3.650	98.1	23.24	0.13	08/02/2024

Batch R351226 **SampType:** MS Units **mg/L**
SampID: 24071451-031BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		4	E	**57**	20.00	36.98	98.6	85	115	08/02/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll
Work Order: 24071451
Client Project: COF-24Q3
Report Date: 13-Sep-24

SW-846 9251 (DISSOLVED)

Batch R351226 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24071451-031BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		4	E	**57**	20.00	36.98	98.6	56.69	0.04	08/02/2024

Batch R351226 **SampType:** MS Units **mg/L**
SampID: 24071451-034BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		4	E	**66**	20.00	43.63	111.5	85	115	08/02/2024

Batch R351226 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24071451-034BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		4	E	**65**	20.00	43.63	109.0	65.93	0.78	08/02/2024

Batch R351406 **SampType:** MS Units **mg/L**
SampID: 24071451-014BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		8		**71**	40.00	35.24	89.3	85	115	08/07/2024

Batch R351406 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24071451-014BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		8		**70**	40.00	35.24	87.0	70.95	1.26	08/07/2024

Batch R351406 **SampType:** MS Units **mg/L**
SampID: 24080359-001BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		20		**136**	100.0	42.97	93.3	85	115	08/07/2024

Batch R351406 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24080359-001BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		20		**138**	100.0	42.97	94.7	136.3	1.03	08/07/2024

Batch R351555 **SampType:** MS Units **mg/L**
SampID: 24071451-018BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		20		**151**	100.0	58.68	92.3	85	115	08/09/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll
Work Order: 24071451
Client Project: COF-24Q3
Report Date: 13-Sep-24

SW-846 9251 (DISSOLVED)

Batch R351555 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24071451-018BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		20		**153**	100.0	58.68	94.4	151.0	1.39	08/09/2024

Batch R351555 **SampType:** MS Units **mg/L**
SampID: 24071451-044BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		4		**30**	20.00	12.60	88.8	85	115	08/09/2024

Batch R351555 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24071451-044BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		4		**31**	20.00	12.60	89.6	30.36	0.53	08/09/2024

Batch R351555 **SampType:** MS Units **mg/L**
SampID: 24071451-098BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		4		**27**	20.00	8.010	92.5	85	115	08/09/2024

Batch R351555 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24071451-098BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		4		**27**	20.00	8.010	92.6	26.51	0.04	08/09/2024

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

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Client: Ramboll **Work Order:** 24071451

Client Project: COF-24Q3 **Report Date:** 13-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

SW-846 9251 (TOTAL)

Batch R351226 **SampType:** MBLK Units **mg/L**

SampID: MBLK/ICB

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	08/02/2024

Batch R351226 **SampType:** LCS Units **mg/L**

SampID: LCS/ICV

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		4		**20**	20.00	0	101.0	90	110	08/02/2024

Batch R351226 **SampType:** MS Units **mg/L**

SampID: 24072311-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		4		**21**	20.00	1.160	99.7	85	115	08/03/2024

Batch R351226 **SampType:** MSD Units **mg/L** RPD Limit **15**

SampID: 24072311-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		4		**21**	20.00	1.160	100.0	21.10	0.28	08/03/2024

Batch R351226 **SampType:** MS Units **mg/L**

SampID: 24072398-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		4		**25**	20.00	5.650	97.8	85	115	08/02/2024

Batch R351226 **SampType:** MSD Units **mg/L** RPD Limit **15**

SampID: 24072398-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		4		**25**	20.00	5.650	98.0	25.22	0.08	08/02/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 24071451
Client Project: COF-24Q3
Report Date: 13-Sep-24

SW-846 9251 (TOTAL)

Batch R351307 **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	08/06/2024

Batch R351307 **SampType:** LCS Units **mg/L**
SampID: ICV/LCS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		4		**19**	20.00	0	95.7	90	110	08/06/2024

Batch R351406 **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	08/07/2024

Batch R351406 **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	97.5	90	110	08/07/2024

Batch R351406 **SampType:** MS Units **mg/L**
SampID: 24071451-002AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		4		**28**	20.00	9.330	94.5	85	115	08/07/2024

Batch R351406 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24071451-002AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		4		**28**	20.00	9.330	93.9	28.23	0.43	08/07/2024

Batch R351406 **SampType:** MS Units **mg/L**
SampID: 24080156-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		200		**2300**	1000	1338	95.9	85	115	08/07/2024

Batch R351406 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24080156-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		200		**2240**	1000	1338	89.9	2297	2.63	08/07/2024

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Environmental Laboratory

Quality Control Results

Client: Ramboll
Work Order: 24071451
Client Project: COF-24Q3
Report Date: 13-Sep-24

SW-846 9251 (TOTAL)

Batch R351406 **SampType:** MS Units **mg/L**
SampID: 24080228-001BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		20		**222**	100.0	133.5	88.2	85	115	08/07/2024

Batch R351406 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24080228-001BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		20		**222**	100.0	133.5	88.9	221.6	0.33	08/07/2024

Batch R351555 **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	08/09/2024

Batch R351555 **SampType:** LCS Units **mg/L**
SampID: ICV/LCS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		4		**19**	20.00	0	96.0	90	110	08/09/2024

Batch R351555 **SampType:** MS Units **mg/L**
SampID: 24080456-002AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		40		**364**	200.0	190.2	86.9	85	115	08/09/2024

Batch R351555 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24080456-002AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		40		**362**	200.0	190.2	86.1	364.0	0.44	08/09/2024

Batch R351555 **SampType:** MS Units **mg/L**
SampID: 24080678-003AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		8	E	**109**	40.00	72.92	90.3	85	115	08/09/2024

Batch R351555 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24080678-003AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		8	E	**112**	40.00	72.92	98.3	109.0	2.88	08/09/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll
Work Order: 24071451
Client Project: COF-24Q3
Report Date: 13-Sep-24

SW-846 9251 (TOTAL)

Batch R351555 **SampType:** MS Units **mg/L**
SampID: 24080680-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		20		**244**	100.0	149.4	94.6	85	115	08/09/2024

Batch R351555 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24080680-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		20		**235**	100.0	149.4	85.2	244.0	3.95	08/09/2024

Batch R351555 **SampType:** MS Units **mg/L**
SampID: 24080862-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		2000		**18200**	10000	9312	89.1	85	115	08/09/2024

Batch R351555 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24080862-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		2000		**18300**	10000	9312	89.8	18220	0.40	08/09/2024

Batch R351636 **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	08/12/2024

Batch R351636 **SampType:** LCS Units **mg/L**
SampID: ICV/LCS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		4		**20**	20.00	0	98.4	90	110	08/12/2024

Batch R351636 **SampType:** MS Units **mg/L**
SampID: 24071451-025AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		4		**23**	20.00	3.730	96.8	85	115	08/12/2024

Batch R351636 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24071451-025AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		4		**23**	20.00	3.730	97.0	23.10	0.09	08/12/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll
Work Order: 24071451
Client Project: COF-24Q3
Report Date: 13-Sep-24

SW-846 9251 (TOTAL)

Batch R351636 **SampType:** MS Units **mg/L**
SampID: 24071451-031AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		4	E	**55**	20.00	36.86	93.0	85	115	08/12/2024

Batch R351636 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24071451-031AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		4	E	**56**	20.00	36.86	95.4	55.46	0.88	08/12/2024

Batch R351636 **SampType:** MS Units **mg/L**
SampID: 24071451-042AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		4	E	**52**	20.00	34.27	90.9	85	115	08/12/2024

Batch R351636 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24071451-042AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		4	E	**53**	20.00	34.27	92.6	52.44	0.67	08/12/2024

Batch R351636 **SampType:** MS Units **mg/L**
SampID: 24071451-044AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		4		**33**	20.00	14.15	94.4	85	115	08/12/2024

Batch R351636 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24071451-044AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		4		**33**	20.00	14.15	94.9	33.02	0.33	08/12/2024

Batch R351636 **SampType:** MS Units **mg/L**
SampID: 24071451-058AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		4		**39**	20.00	20.78	91.4	85	115	08/12/2024

Batch R351636 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24071451-058AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		4		**39**	20.00	20.78	89.6	39.05	0.93	08/12/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll
Work Order: 24071451
Client Project: COF-24Q3
Report Date: 13-Sep-24

SW-846 9251 (TOTAL)

Batch R351636 **SampType:** MS Units **mg/L**
SampID: 24071451-077AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		4		**26**	20.00	6.260	97.2	85	115	08/12/2024

Batch R351636 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24071451-077AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		4		**26**	20.00	6.260	98.0	25.69	0.70	08/12/2024

Batch R351636 **SampType:** MS Units **mg/L**
SampID: 24081027-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		4		**27**	20.00	8.220	96.0	85	115	08/13/2024

Batch R351636 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24081027-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		4		**28**	20.00	8.220	96.7	27.41	0.55	08/13/2024

Batch R351708 **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	08/13/2024

Batch R351708 **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	08/13/2024

Batch R351708 **SampType:** MS Units **mg/L**
SampID: 24080552-002AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		4	E	**63**	20.00	42.42	101.7	85	115	08/13/2024

Batch R351708 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24080552-002AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		4	E	**62**	20.00	42.42	99.4	62.76	0.74	08/13/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll
Work Order: 24071451
Client Project: COF-24Q3
Report Date: 13-Sep-24

SW-846 9251 (TOTAL)

Batch R351708 **SampType:** MS Units **mg/L**
SampID: 24080553-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		4		**33**	20.00	14.12	93.4	85	115	08/13/2024

Batch R351708 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24080553-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		4		**33**	20.00	14.12	94.6	32.81	0.67	08/13/2024

Batch R351708 **SampType:** MS Units **mg/L**
SampID: 24080553-003AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		8		**84**	40.00	47.68	89.9	85	115	08/13/2024

Batch R351708 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24080553-003AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		8		**84**	40.00	47.68	89.6	83.63	0.14	08/13/2024

Batch R351708 **SampType:** MS Units **mg/L**
SampID: 24080553-005AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		4		**26**	20.00	6.760	94.4	85	115	08/13/2024

Batch R351708 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24080553-005AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		4		**26**	20.00	6.760	94.4	25.65	0.04	08/13/2024

Batch R351708 **SampType:** MS Units **mg/L**
SampID: 24080717-005AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		40		**277**	200.0	89.29	94.0	85	115	08/13/2024

Batch R351708 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24080717-005AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		40		**279**	200.0	89.29	94.8	277.2	0.60	08/13/2024

Teklab, Inc.
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Quality Control Results

Client: Ramboll
Work Order: 24071451
Client Project: COF-24Q3
Report Date: 13-Sep-24

SW-846 9251 (TOTAL)

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

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 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

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll
Work Order: 24071451
Client Project: COF-24Q3
Report Date: 13-Sep-24

SW-846 9251 (TOTAL)

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

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

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Quality Control Results

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Client: Ramboll
Work Order: 24071451
Client Project: COF-24Q3
Report Date: 13-Sep-24

SW-846 9251 (TOTAL)

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

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

Batch 226703 **SampType:** MBLK Units **mg/L**
SampID: MBLK-226703

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Boron		0.0200		**< 0.0200**	0.0090	0	0	-100	100	08/06/2024
Calcium		0.100		**< 0.100**	0.0350	0	0	-100	100	08/06/2024
Cobalt		0.0050		**< 0.0050**	0.0020	0	0	-100	100	08/06/2024
Iron		0.0400		**< 0.0400**	0.0200	0	0	-100	100	08/06/2024
Magnesium		0.0500		**< 0.0500**	0.0055	0	0	-100	100	08/06/2024
Manganese		0.0070		**< 0.0070**	0.0025	0	0	-100	100	08/06/2024
Molybdenum		0.0100		**< 0.0100**	0.0037	0	0	-100	100	08/06/2024
Potassium		0.100		**< 0.100**	0.0400	0	0	-100	100	08/06/2024
Sodium		0.0500		**< 0.0500**	0.0180	0	0	-100	100	08/06/2024

Batch 226703 **SampType:** LCS Units **mg/L**
SampID: LCS-226703

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Boron		0.0200		**0.457**	0.5000	0	91.4	85	115	08/06/2024
Calcium		0.100		**2.43**	2.500	0	97.2	85	115	08/06/2024
Cobalt		0.0050		**0.481**	0.5000	0	96.2	85	115	08/06/2024
Iron		0.0400		**1.90**	2.000	0	94.8	85	115	08/06/2024
Magnesium		0.0500		**2.22**	2.500	0	88.9	85	115	08/06/2024
Manganese		0.0070		**0.473**	0.5000	0	94.5	85	115	08/06/2024
Molybdenum		0.0100		**0.465**	0.5000	0	92.9	85	115	08/06/2024
Potassium		0.100		**2.61**	2.500	0	104.3	85	115	08/06/2024
Sodium		0.0500		**2.43**	2.500	0	97.2	85	115	08/06/2024

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Quality Control Results

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Client: Ramboll **Work Order:** 24071451

Client Project: COF-24Q3 **Report Date:** 13-Sep-24

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

Batch 226703 **SampType:** MS Units **mg/L**
SampID: 24080305-001DMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Iron		0.0400		**1.90**	2.000	0	95.2	75	125	08/06/2024

Batch 226703 **SampType:** MSD Units **mg/L** RPD Limit **20**
SampID: 24080305-001DMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Iron		0.0400		**1.87**	2.000	0	93.6	1.903	1.67	08/06/2024

Batch 226703 **SampType:** MS Units **mg/L**
SampID: 24080359-008CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Magnesium		0.050	S	**42.3**	2.500	40.57	69.7	75	125	08/06/2024

Batch 226703 **SampType:** MSD Units **mg/L** RPD Limit **20**
SampID: 24080359-008CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Magnesium		0.050	S	**41.8**	2.500	40.57	51.0	42.31	1.11	08/06/2024

Batch 226766 **SampType:** MBLK Units **mg/L**
SampID: MBLK-226766

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	08/07/2024
Iron		0.0400		**< 0.0400**	0.0200	0	0	-100	100	08/07/2024
Magnesium		0.0500		**< 0.0500**	0.0055	0	0	-100	100	08/08/2024
Potassium		0.100		**< 0.100**	0.0400	0	0	-100	100	08/07/2024
Sodium		0.0500		**< 0.0500**	0.0180	0	0	-100	100	08/09/2024

Batch 226766 **SampType:** LCS Units **mg/L**
SampID: LCS-226766

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		**2.48**	2.500	0	99.1	85	115	08/07/2024
Iron		0.0400		**1.90**	2.000	0	95.0	85	115	08/07/2024
Magnesium		0.0500		**2.39**	2.500	0	95.4	85	115	08/08/2024
Potassium		0.100		**2.55**	2.500	0	101.9	85	115	08/07/2024
Sodium		0.0500		**2.46**	2.500	0	98.6	85	115	08/07/2024

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Environmental Laboratory

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Client: Ramboll **Work Order:** 24071451

Client Project: COF-24Q3 **Report Date:** 13-Sep-24

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

Batch 226766 **SampType:** MS Units **mg/L**
SampID: 24071451-014CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		**78.8**	2.500	76.51	91.2	75	125	08/07/2024
Magnesium		0.050	S	**38.6**	2.500	35.44	128.0	75	125	08/08/2024
Potassium		0.100		**3.18**	2.500	0.5508	105.2	75	125	08/07/2024
Sodium		0.050	S	**41.3**	2.500	39.53	72.0	75	125	08/07/2024

Batch 226766 **SampType:** MSD Units **mg/L** RPD Limit **20**
SampID: 24071451-014CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Calcium		0.100	S	**75.5**	2.500	76.51	-40.4	78.79	4.26	08/07/2024
Magnesium		0.050	S	**36.9**	2.500	35.44	57.0	38.64	4.71	08/08/2024
Potassium		0.100		**3.08**	2.500	0.5508	101.0	3.182	3.41	08/07/2024
Sodium		0.050	S	**39.8**	2.500	39.53	11.6	41.33	3.72	08/07/2024

Batch 226779 **SampType:** MBLK Units **mg/L**
SampID: MBLK-226779

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	08/07/2024
Magnesium		0.050		**< 0.050**	0.0055	0	0	-100	100	08/08/2024
Potassium		0.100		**< 0.100**	0.0400	0	0	-100	100	08/07/2024
Sodium		0.050		**< 0.050**	0.0180	0	0	-100	100	08/07/2024

Batch 226779 **SampType:** LCS Units **mg/L**
SampID: LCS-226779

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		**2.45**	2.500	0	97.8	85	115	08/07/2024
Magnesium		0.050		**2.32**	2.500	0	92.7	85	115	08/08/2024
Potassium		0.100		**2.57**	2.500	0	102.6	85	115	08/07/2024
Sodium		0.050		**2.47**	2.500	0	98.9	85	115	08/07/2024

Batch 226779 **SampType:** MS Units **mg/L**
SampID: 24071451-013CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100	S	**91.6**	2.500	91.09	18.4	75	125	08/07/2024
Magnesium		0.050	S	**44.6**	2.500	43.14	57.1	75	125	08/08/2024
Potassium		0.100		**2.89**	2.500	0.2479	105.5	75	125	08/07/2024
Sodium		0.050	S	**59.2**	2.500	58.17	39.6	75	125	08/07/2024

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Client: Ramboll **Work Order:** 24071451

Client Project: COF-24Q3 **Report Date:** 13-Sep-24

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

Batch 226779 **SampType:** MSD Units **mg/L** RPD Limit **20**

SampID: 24071451-013CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Calcium		0.100	S	**92.1**	2.500	91.09	42.0	91.55	0.64	08/07/2024
Magnesium		0.050	S	**44.9**	2.500	43.14	70.9	44.56	0.77	08/08/2024
Potassium		0.100		**2.89**	2.500	0.2479	105.6	2.886	0.02	08/07/2024
Sodium		0.050	S	**59.1**	2.500	58.17	38.8	59.16	0.03	08/07/2024

Batch 226875 **SampType:** MBLK Units **mg/L**

SampID: MBLK-226875

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	08/12/2024
Calcium		0.100		**< 0.100**	0.0350	0	0	-100	100	08/08/2024
Magnesium		0.0500		**< 0.0500**	0.0055	0	0	-100	100	08/08/2024
Magnesium		0.050		**< 0.050**	0.0055	0	0	-100	100	08/12/2024
Potassium		0.100		**< 0.100**	0.0400	0	0	-100	100	08/08/2024
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	08/08/2024
Sodium		0.050		**< 0.050**	0.0180	0	0	-100	100	08/12/2024

Batch 226875 **SampType:** LCS Units **mg/L**

SampID: LCS-226875

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		**2.30**	2.500	0	92.1	85	115	08/08/2024
Calcium		0.100		**2.32**	2.500	0	92.7	85	115	08/08/2024
Calcium		0.100		**2.41**	2.500	0	96.3	85	115	08/12/2024
Magnesium		0.0500	S	**2.12**	2.500	0	84.7	85	115	08/08/2024
Magnesium		0.0500	S	**2.11**	2.500	0	84.3	85	115	08/08/2024
Magnesium		0.050		**2.20**	2.500	0	88.2	85	115	08/12/2024
Potassium		0.100		**2.46**	2.500	0	98.4	85	115	08/08/2024
Potassium		0.100		**2.47**	2.500	0	99.0	85	115	08/08/2024
Potassium		0.100		**2.50**	2.500	0	100.1	85	115	08/12/2024
Sodium		0.0500		**2.38**	2.500	0	95.0	85	115	08/08/2024
Sodium		0.0500		**2.37**	2.500	0	94.9	85	115	08/08/2024
Sodium		0.050		**2.42**	2.500	0	96.6	85	115	08/12/2024

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Client: Ramboll **Work Order:** 24071451

Client Project: COF-24Q3 **Report Date:** 13-Sep-24

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

Batch 226875 **SampType:** MS Units **mg/L**
SampID: 24080600-003BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Magnesium		0.050	S	**50.9**	2.500	49.53	54.7	75	125	08/12/2024

Batch 226875 **SampType:** MSD Units **mg/L** RPD Limit **20**
SampID: 24080600-003BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Magnesium		0.050	S	**51.1**	2.500	49.53	60.8	50.90	0.30	08/12/2024

Batch 226875 **SampType:** MS Units **mg/L**
SampID: 24080689-001CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Magnesium		0.050	S	**36.9**	2.500	35.11	69.9	75	125	08/12/2024

Batch 226875 **SampType:** MSD Units **mg/L** RPD Limit **20**
SampID: 24080689-001CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Magnesium		0.050	S	**36.6**	2.500	35.11	60.3	36.86	0.65	08/12/2024

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

Batch 226445 **SampType:** MBLK Units **mg/L**
SampID: MBLK-226445

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	08/02/2024
Calcium		0.100		**< 0.100**	0.0350	0	0	-100	100	08/01/2024
Iron		0.0400	S	**0.0687**	0.0200	0	343.5	-100	100	08/02/2024
Magnesium		0.0500		**< 0.0500**	0.0055	0	0	-100	100	08/01/2024
Magnesium		0.0500		**< 0.0500**	0.0055	0	0	-100	100	08/02/2024
Manganese		0.0070		**< 0.0070**	0.0025	0	0	-100	100	08/02/2024
Potassium		0.100		**< 0.100**	0.0400	0	0	-100	100	08/02/2024
Potassium		0.100		**< 0.100**	0.0400	0	0	-100	100	08/01/2024
Sodium		0.0500		**< 0.0500**	0.0180	0	0	-100	100	08/02/2024
Sodium		0.0500		**< 0.0500**	0.0180	0	0	-100	100	08/01/2024

Teklab, Inc.
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Quality Control Results

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Client: Ramboll **Work Order:** 24071451

Client Project: COF-24Q3 **Report Date:** 13-Sep-24

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

Batch 226445 **SampType:** LCS Units **mg/L**
SampID: LCS-226445

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		**2.51**	2.500	0	100.6	85	115	08/01/2024
Magnesium		0.0500		**2.34**	2.500	0	93.6	85	115	08/01/2024
Potassium		0.100		**2.63**	2.500	0	105.3	85	115	08/01/2024
Sodium		0.0500		**2.50**	2.500	0	99.8	85	115	08/01/2024

Batch 226459 **SampType:** MBLK Units **mg/L**
SampID: MBLK-226459

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
Calcium		0.100		**< 0.100**	0.0350	0	0	-100	100	08/06/2024
Calcium		0.100		**< 0.100**	0.0350	0	0	-100	100	08/01/2024
Magnesium		0.0500		**< 0.0500**	0.0055	0	0	-100	100	08/06/2024
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	08/06/2024
Potassium		0.100		**< 0.100**	0.0400	0	0	-100	100	08/05/2024
Potassium		0.100		**< 0.100**	0.0400	0	0	-100	100	08/01/2024
Sodium		0.0500		**< 0.0500**	0.0180	0	0	-100	100	08/01/2024
Sodium		0.0500		**< 0.0500**	0.0180	0	0	-100	100	08/05/2024
Sodium		0.0500		**< 0.0500**	0.0180	0	0	-100	100	08/06/2024

Batch 226459 **SampType:** LCS Units **mg/L**
SampID: LCS-226459

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		**2.68**	2.500	0	107.4	85	115	08/05/2024
Calcium		0.100		**2.51**	2.500	0	100.5	85	115	08/06/2024
Calcium		0.100		**2.60**	2.500	0	104.1	85	115	08/01/2024
Magnesium		0.0500		**2.47**	2.500	0	98.6	85	115	08/05/2024
Magnesium		0.0500		**2.49**	2.500	0	99.4	85	115	08/06/2024
Potassium		0.100		**2.70**	2.500	0	107.9	85	115	08/01/2024
Potassium		0.100		**2.72**	2.500	0	108.7	85	115	08/05/2024
Potassium		0.100		**2.63**	2.500	0	105.1	85	115	08/06/2024
Sodium		0.0500		**2.68**	2.500	0	107.2	85	115	08/01/2024
Sodium		0.0500		**2.62**	2.500	0	104.8	85	115	08/06/2024
Sodium		0.0500		**2.74**	2.500	0	109.8	85	115	08/05/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 24071451
Client Project: COF-24Q3
Report Date: 13-Sep-24

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

Batch 226542 **SampType:** MBLK Units **mg/L**
SampID: MBLK-226542

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		0.0250		**< 0.0250**	0.0127	0	0	-100	100	08/05/2024
Antimony		0.0500		**< 0.0500**	0.0068	0	0	-100	100	08/05/2024
Arsenic		0.0250		**< 0.0250**	0.0087	0	0	-100	100	08/05/2024
Barium		0.0025		**< 0.0025**	0.0007	0	0	-100	100	08/05/2024
Beryllium		0.0005		**< 0.0005**	0.0002	0	0	-100	100	08/05/2024
Boron		0.0200		**< 0.0200**	0.0090	0	0	-100	100	08/05/2024
Cadmium		0.0020		**< 0.0020**	0.0005	0	0	-100	100	08/05/2024
Calcium		0.100		**< 0.100**	0.0350	0	0	-100	100	08/05/2024
Calcium		0.100		**< 0.100**	0.0350	0	0	-100	100	08/08/2024
Chromium		0.0050		**< 0.0050**	0.0028	0	0	-100	100	08/05/2024
Cobalt		0.0050		**< 0.0050**	0.0020	0	0	-100	100	08/05/2024
Copper		0.0050		**< 0.0050**	0.0013	0	0	-100	100	08/05/2024
Iron		0.0400	S	**0.0428**	0.0200	0	214.0	-100	100	08/05/2024
Lead		0.0150		**< 0.0150**	0.0040	0	0	-100	100	08/05/2024
Lithium	*	0.0500		**< 0.0500**	0.0019	0	0	-100	100	08/05/2024
Magnesium		0.0500		**< 0.0500**	0.0055	0	0	-100	100	08/05/2024
Magnesium		0.0500		**< 0.0500**	0.0055	0	0	-100	100	08/08/2024
Manganese		0.0070		**< 0.0070**	0.0025	0	0	-100	100	08/05/2024
Molybdenum		0.0100		**< 0.0100**	0.0037	0	0	-100	100	08/05/2024
Nickel		0.0050		**< 0.0050**	0.0016	0	0	-100	100	08/05/2024
Potassium		0.100		**< 0.100**	0.0400	0	0	-100	100	08/08/2024
Potassium		0.100		**< 0.100**	0.0400	0	0	-100	100	08/05/2024
Selenium		0.0400		**< 0.0400**	0.0170	0	0	-100	100	08/05/2024
Silver		0.0070		**< 0.0070**	0.0027	0	0	-100	100	08/05/2024
Sodium		0.0500		**< 0.0500**	0.0180	0	0	-100	100	08/05/2024
Sodium		0.0500		**< 0.0500**	0.0180	0	0	-100	100	08/08/2024
Thallium		0.0500		**< 0.0500**	0.0111	0	0	-100	100	08/05/2024
Vanadium		0.0100		**< 0.0100**	0.0009	0	0	-100	100	08/05/2024
Zinc		0.0100		**< 0.0100**	0.0050	0	0	-100	100	08/05/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll **Work Order:** 24071451

Client Project: COF-24Q3 **Report Date:** 13-Sep-24

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

Batch 226542 **SampType:** LCS Units **mg/L**

SampID: LCS-226542

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		0.0250		**2.16**	2.000	0	108.0	85	115	08/05/2024
Antimony		0.0500		**0.553**	0.5000	0	110.6	85	115	08/05/2024
Arsenic		0.0250		**0.545**	0.5000	0	109.1	85	115	08/05/2024
Barium		0.0025		**2.15**	2.000	0	107.5	85	115	08/05/2024
Beryllium		0.0005		**0.0558**	0.0500	0	111.6	85	115	08/05/2024
Boron		0.0200		**0.527**	0.5000	0	105.5	85	115	08/05/2024
Cadmium		0.0020		**0.0545**	0.0500	0	109.0	85	115	08/05/2024
Calcium		0.100		**2.70**	2.500	0	107.9	85	115	08/05/2024
Calcium		0.100		**2.46**	2.500	0	98.2	85	115	08/08/2024
Chromium		0.0050		**0.219**	0.2000	0	109.3	85	115	08/05/2024
Cobalt		0.0050		**0.570**	0.5000	0	114.0	85	115	08/05/2024
Copper		0.0050		**0.282**	0.2500	0	112.6	85	115	08/05/2024
Iron		0.0400	B	**2.23**	2.000	0	111.5	85	115	08/05/2024
Lead		0.0150		**0.546**	0.5000	0	109.2	85	115	08/05/2024
Lithium	*	0.0500		**0.528**	0.5000	0	105.6	85	115	08/05/2024
Magnesium		0.0500		**2.32**	2.500	0	93.0	85	115	08/08/2024
Magnesium		0.0500		**2.54**	2.500	0	101.5	85	115	08/05/2024
Manganese		0.0070		**0.546**	0.5000	0	109.2	85	115	08/05/2024
Molybdenum		0.0100		**0.531**	0.5000	0	106.2	85	115	08/05/2024
Nickel		0.0050		**0.561**	0.5000	0	112.2	85	115	08/05/2024
Potassium		0.100		**2.68**	2.500	0	107.1	85	115	08/05/2024
Potassium		0.100		**2.67**	2.500	0	106.8	85	115	08/08/2024
Selenium		0.0400		**0.550**	0.5000	0	110.1	85	115	08/05/2024
Silver		0.0070		**0.0517**	0.0500	0	103.4	85	115	08/05/2024
Sodium		0.0500		**2.67**	2.500	0	107.0	85	115	08/05/2024
Sodium		0.0500		**2.61**	2.500	0	104.3	85	115	08/08/2024
Thallium		0.0500		**0.275**	0.2500	0	109.9	85	115	08/05/2024
Vanadium		0.0100		**0.551**	0.5000	0	110.3	85	115	08/05/2024
Zinc		0.0100		**0.548**	0.5000	0	109.5	85	115	08/05/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24071451

Client Project: COF-24Q3 **Report Date:** 13-Sep-24

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

Batch 226542 **SampType:** MS Units **mg/L**
SampID: 24071451-042BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100	S	**92.7**	2.500	93.69	-39.6	75	125	08/05/2024
Magnesium		0.050	S	**45.8**	2.500	45.04	28.3	75	125	08/05/2024
Potassium		0.100		**3.19**	2.500	0.3873	112.0	75	125	08/05/2024
Sodium		0.050	S	**70.0**	2.500	69.73	9.2	75	125	08/05/2024

Batch 226542 **SampType:** MSD Units **mg/L** RPD Limit **20**
SampID: 24071451-042BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Calcium		0.100	S	**91.4**	2.500	93.69	-89.6	92.70	1.36	08/05/2024
Magnesium		0.050	S	**45.2**	2.500	45.04	8.0	45.75	1.12	08/05/2024
Potassium		0.100		**3.15**	2.500	0.3873	110.6	3.187	1.08	08/05/2024
Sodium		0.050	S	**68.7**	2.500	69.73	-41.2	69.96	1.82	08/05/2024

Batch 226542 **SampType:** MS Units **mg/L**
SampID: 24072498-001BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Boron		0.0200		**1.07**	0.5000	0.5054	113.4	75	125	08/05/2024

Batch 226542 **SampType:** MSD Units **mg/L** RPD Limit **20**
SampID: 24072498-001BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Boron		0.0200		**1.06**	0.5000	0.5054	110.1	1.073	1.55	08/05/2024

Batch 226550 **SampType:** MBLK Units **mg/L**
SampID: MBLK-226550

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Boron		0.0200		**< 0.0200**	0.0090	0	0	-100	100	08/06/2024
Calcium		0.100		**< 0.100**	0.0350	0	0	-100	100	08/06/2024
Cobalt		0.0050		**< 0.0050**	0.0020	0	0	-100	100	08/06/2024
Copper		0.0050		**< 0.0050**	0.0013	0	0	-100	100	08/06/2024
Iron		0.0400		**< 0.0400**	0.0200	0	0	-100	100	08/06/2024
Magnesium		0.0500		**< 0.0500**	0.0055	0	0	-100	100	08/06/2024
Manganese		0.0070		**< 0.0070**	0.0025	0	0	-100	100	08/06/2024
Molybdenum		0.0100		**< 0.0100**	0.0037	0	0	-100	100	08/06/2024
Potassium		0.100		**< 0.100**	0.0400	0	0	-100	100	08/06/2024
Sodium		0.0500		**< 0.0500**	0.0180	0	0	-100	100	08/06/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

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Client: Ramboll **Work Order:** 24071451

Client Project: COF-24Q3 **Report Date:** 13-Sep-24

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

Batch 226550 **SampType:** LCS Units **mg/L**
SampID: LCS-226550

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Boron		0.0200		**0.496**	0.5000	0	99.2	85	115	08/06/2024
Calcium		0.100		**2.54**	2.500	0	101.8	85	115	08/06/2024
Cobalt		0.0050		**0.526**	0.5000	0	105.2	85	115	08/06/2024
Copper		0.0050		**0.267**	0.2500	0	106.9	85	115	08/06/2024
Iron		0.0400		**2.12**	2.000	0	106.0	85	115	08/06/2024
Magnesium		0.0500		**2.42**	2.500	0	96.9	85	115	08/06/2024
Manganese		0.0070		**0.508**	0.5000	0	101.6	85	115	08/06/2024
Molybdenum		0.0100		**0.497**	0.5000	0	99.5	85	115	08/06/2024
Potassium		0.100		**2.73**	2.500	0	109.4	85	115	08/06/2024
Sodium		0.0500		**2.57**	2.500	0	102.8	85	115	08/06/2024

Batch 226550 **SampType:** MS Units **mg/L**
SampID: 24072589-006BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Boron		0.0200		**9.04**	0.5000	8.543	99.5	75	125	08/06/2024
Iron		0.0400		**2.25**	2.000	0.1538	105.0	75	125	08/06/2024
Manganese		0.0070		**0.572**	0.5000	0.04810	104.9	75	125	08/06/2024
Molybdenum		0.0100		**0.953**	0.5000	0.4290	104.7	75	125	08/06/2024

Batch 226550 **SampType:** MSD Units **mg/L** RPD Limit **20**
SampID: 24072589-006BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Boron		0.0200	S	**8.86**	0.5000	8.543	62.6	9.041	2.06	08/06/2024
Iron		0.0400		**2.23**	2.000	0.1538	103.9	2.254	0.93	08/06/2024
Manganese		0.0070		**0.565**	0.5000	0.04810	103.4	0.5725	1.28	08/06/2024
Molybdenum		0.0100		**0.935**	0.5000	0.4290	101.1	0.9527	1.91	08/06/2024

Batch 226550 **SampType:** MS Units **mg/L**
SampID: 24072590-003BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Boron		0.0200		**7.25**	0.5000	6.746	101.5	75	125	08/06/2024
Iron		0.0400		**3.83**	2.000	1.727	105.2	75	125	08/07/2024
Manganese		0.0070		**0.812**	0.5000	0.2867	105.2	75	125	08/06/2024
Molybdenum		0.0100		**1.03**	0.5000	0.5044	104.7	75	125	08/06/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 24071451
Client Project: COF-24Q3
Report Date: 13-Sep-24

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

Batch 226550 **SampType:** MSD Units **mg/L** RPD Limit **20**
SampID: 24072590-003BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Boron		0.0200		**7.15**	0.5000	6.746	81.7	7.253	1.37	08/06/2024
Iron		0.0400		**3.71**	2.000	1.727	99.2	3.830	3.18	08/07/2024
Manganese		0.0070		**0.796**	0.5000	0.2867	102.0	0.8125	1.99	08/06/2024
Molybdenum		0.0100		**1.01**	0.5000	0.5044	100.1	1.028	2.25	08/06/2024

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
Aluminum		0.0250		**< 0.0250**	0.0127	0	0	-100	100	08/05/2024
Antimony		0.0500		**< 0.0500**	0.0068	0	0	-100	100	08/05/2024
Arsenic		0.0250		**< 0.0250**	0.0087	0	0	-100	100	08/05/2024
Barium		0.0025		**< 0.0025**	0.0007	0	0	-100	100	08/05/2024
Beryllium		0.0005		**< 0.0005**	0.0002	0	0	-100	100	08/05/2024
Boron		0.0200		**< 0.0200**	0.0090	0	0	-100	100	08/05/2024
Cadmium		0.0020		**< 0.0020**	0.0005	0	0	-100	100	08/05/2024
Calcium		0.100		**< 0.100**	0.0350	0	0	-100	100	08/05/2024
Chromium		0.0050		**< 0.0050**	0.0028	0	0	-100	100	08/05/2024
Cobalt		0.0050		**< 0.0050**	0.0020	0	0	-100	100	08/05/2024
Copper		0.0050		**< 0.0050**	0.0013	0	0	-100	100	08/05/2024
Iron		0.0400		**< 0.0400**	0.0200	0	0	-100	100	08/05/2024
Lead		0.0150		**< 0.0150**	0.0014	0	0	-100	100	08/05/2024
Lithium		0.0500		**< 0.0500**	0.0019	0	0	-100	100	08/05/2024
Magnesium		0.0500		**< 0.0500**	0.0055	0	0	-100	100	08/05/2024
Manganese		0.0070		**< 0.0070**	0.0025	0	0	-100	100	08/05/2024
Molybdenum		0.0100		**< 0.0100**	0.0037	0	0	-100	100	08/05/2024
Nickel		0.0050		**< 0.0050**	0.0016	0	0	-100	100	08/05/2024
Potassium		0.100		**< 0.100**	0.0400	0	0	-100	100	08/05/2024
Selenium		0.0400		**< 0.0400**	0.0170	0	0	-100	100	08/05/2024
Silver		0.0070		**< 0.0070**	0.0027	0	0	-100	100	08/05/2024
Sodium		0.0500		**< 0.0500**	0.0180	0	0	-100	100	08/05/2024
Thallium		0.0500		**< 0.0500**	0.0111	0	0	-100	100	08/05/2024
Vanadium		0.0100		**< 0.0100**	0.0009	0	0	-100	100	08/05/2024
Zinc		0.0100		**< 0.0100**	0.0050	0	0	-100	100	08/05/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 24071451
Client Project: COF-24Q3
Report Date: 13-Sep-24

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

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
Aluminum		0.0250		**2.21**	2.000	0	110.5	85	115	08/05/2024
Antimony		0.0500		**0.564**	0.5000	0	112.7	85	115	08/05/2024
Arsenic		0.0250		**0.557**	0.5000	0	111.3	85	115	08/05/2024
Barium		0.0025		**2.21**	2.000	0	110.5	85	115	08/05/2024
Beryllium		0.0005		**0.0572**	0.0500	0	114.4	85	115	08/05/2024
Boron		0.0200		**0.539**	0.5000	0	107.8	85	115	08/05/2024
Cadmium		0.0020		**0.0565**	0.0500	0	113.0	85	115	08/05/2024
Calcium		0.100		**2.76**	2.500	0	110.5	85	115	08/05/2024
Chromium		0.0050		**0.225**	0.2000	0	112.4	85	115	08/05/2024
Cobalt		0.0050		**0.535**	0.5000	0	107.1	85	115	08/06/2024
Copper		0.0050		**0.274**	0.2500	0	109.4	85	115	08/06/2024
Iron		0.0400		**2.27**	2.000	0	113.5	85	115	08/05/2024
Lead		0.0150		**0.563**	0.5000	0	112.7	85	115	08/05/2024
Lithium		0.0500		**0.544**	0.5000	0	108.7	85	115	08/05/2024
Magnesium		0.0500		**2.60**	2.500	0	104.1	85	115	08/05/2024
Manganese		0.0070		**0.560**	0.5000	0	112.0	85	115	08/05/2024
Molybdenum		0.0100		**0.545**	0.5000	0	109.1	85	115	08/05/2024
Nickel		0.0050		**0.574**	0.5000	0	114.9	85	115	08/05/2024
Potassium		0.100		**2.76**	2.500	0	110.3	85	115	08/05/2024
Selenium		0.0400		**0.565**	0.5000	0	112.9	85	115	08/05/2024
Silver		0.0070		**0.0531**	0.0500	0	106.2	85	115	08/05/2024
Sodium		0.0500		**2.75**	2.500	0	110.2	85	115	08/05/2024
Thallium		0.0500		**0.279**	0.2500	0	111.6	85	115	08/05/2024
Vanadium		0.0100		**0.566**	0.5000	0	113.2	85	115	08/05/2024
Zinc		0.0100		**0.563**	0.5000	0	112.6	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

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 24071451
Client Project: COF-24Q3
Report Date: 13-Sep-24

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

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

Batch 226569 **SampType:** MSD Units **mg/L** RPD Limit **20**
SampID: 24080007-001FMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Arsenic		0.0250		**0.569**	0.5000	0	113.7	0.5489	3.53	08/05/2024
Barium		0.0025		**2.35**	2.000	0.1302	111.0	2.240	4.79	08/05/2024
Beryllium		0.0005		**0.0580**	0.0500	0	116.0	0.05550	4.41	08/05/2024
Boron		0.0200		**0.754**	0.5000	0.1984	111.1	0.7218	4.32	08/05/2024
Cadmium		0.0020		**0.0555**	0.0500	0	111.0	0.05300	4.61	08/05/2024
Chromium		0.0050		**0.229**	0.2000	0	114.5	0.2192	4.37	08/05/2024
Cobalt		0.0050		**0.581**	0.5000	0	116.2	0.5586	3.93	08/05/2024
Copper		0.0050		**0.293**	0.2500	0	117.2	0.2814	4.00	08/05/2024
Iron		0.0400		**5.30**	2.000	2.880	121.0	5.080	4.24	08/05/2024
Lead		0.0150		**0.557**	0.5000	0	111.3	0.5358	3.83	08/05/2024
Manganese		0.0070		**0.790**	0.5000	0.2194	114.0	0.7552	4.44	08/05/2024
Nickel		0.0050		**0.574**	0.5000	0	114.8	0.5532	3.71	08/05/2024
Selenium		0.0400		**0.560**	0.5000	0	112.1	0.5461	2.58	08/05/2024
Silver		0.0070		**0.0541**	0.0500	0	108.2	0.05150	4.92	08/05/2024
Vanadium		0.0100		**0.581**	0.5000	0.002000	115.7	0.5566	4.22	08/05/2024
Zinc		0.0100		**1.32**	0.5000	0.7423	116.0	1.274	3.72	08/05/2024

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Environmental Laboratory

Quality Control Results

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Client: Ramboll
Work Order: 24071451
Client Project: COF-24Q3
Report Date: 13-Sep-24

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

Batch 226612 **SampType:** MBLK Units **mg/L**
SampID: MBLK-226612

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		0.0250		**< 0.0250**	0.0127	0	0	-100	100	08/05/2024
Antimony		0.0500		**< 0.0500**	0.0068	0	0	-100	100	08/05/2024
Arsenic		0.0250		**< 0.0250**	0.0087	0	0	-100	100	08/05/2024
Barium		0.0025		**< 0.0025**	0.0007	0	0	-100	100	08/05/2024
Beryllium		0.0005		**< 0.0005**	0.0002	0	0	-100	100	08/05/2024
Boron		0.0200		**< 0.0200**	0.0090	0	0	-100	100	08/05/2024
Cadmium		0.0020		**< 0.0020**	0.0005	0	0	-100	100	08/05/2024
Calcium		0.100		**< 0.100**	0.0350	0	0	-100	100	08/05/2024
Chromium		0.0050		**< 0.0050**	0.0028	0	0	-100	100	08/05/2024
Cobalt		0.0050		**< 0.0050**	0.0020	0	0	-100	100	08/05/2024
Copper		0.0050		**< 0.0050**	0.0013	0	0	-100	100	08/05/2024
Iron		0.0400		**< 0.0400**	0.0200	0	0	-100	100	08/05/2024
Lead		0.0150		**< 0.0150**	0.0040	0	0	-100	100	08/05/2024
Lithium	*	0.0500		**< 0.0500**	0.0019	0	0	-100	100	08/05/2024
Magnesium		0.0500		**< 0.0500**	0.0055	0	0	-100	100	08/05/2024
Manganese		0.0070		**< 0.0070**	0.0025	0	0	-100	100	08/05/2024
Molybdenum		0.0100		**< 0.0100**	0.0037	0	0	-100	100	08/05/2024
Nickel		0.0050		**< 0.0050**	0.0016	0	0	-100	100	08/05/2024
Potassium		0.100		**< 0.100**	0.0400	0	0	-100	100	08/05/2024
Selenium		0.0400		**< 0.0400**	0.0170	0	0	-100	100	08/05/2024
Silver		0.0070		**< 0.0070**	0.0027	0	0	-100	100	08/05/2024
Sodium		0.0500		**< 0.0500**	0.0180	0	0	-100	100	08/05/2024
Thallium		0.0500		**< 0.0500**	0.0111	0	0	-100	100	08/05/2024
Vanadium		0.0100		**< 0.0100**	0.0009	0	0	-100	100	08/05/2024
Zinc		0.0100		**< 0.0100**	0.0050	0	0	-100	100	08/05/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll **Work Order:** 24071451

Client Project: COF-24Q3 **Report Date:** 13-Sep-24

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

Batch 226612 **SampType:** LCS Units **mg/L**
SampID: LCS-226612

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		0.0250		**2.19**	2.000	0	109.5	85	115	08/05/2024
Antimony		0.0500		**0.557**	0.5000	0	111.4	85	115	08/05/2024
Arsenic		0.0250		**0.548**	0.5000	0	109.6	85	115	08/05/2024
Barium		0.0025		**2.17**	2.000	0	108.5	85	115	08/05/2024
Beryllium		0.0005		**0.0557**	0.0500	0	111.4	85	115	08/05/2024
Boron		0.0200		**0.530**	0.5000	0	106.0	85	115	08/05/2024
Cadmium		0.0020		**0.0546**	0.0500	0	109.2	85	115	08/05/2024
Calcium		0.100		**2.73**	2.500	0	109.2	85	115	08/05/2024
Chromium		0.0050		**0.221**	0.2000	0	110.6	85	115	08/05/2024
Cobalt		0.0050		**0.568**	0.5000	0	113.7	85	115	08/05/2024
Copper		0.0050		**0.286**	0.2500	0	114.2	85	115	08/05/2024
Iron		0.0400		**2.24**	2.000	0	112.0	85	115	08/05/2024
Lead		0.0150		**0.549**	0.5000	0	109.7	85	115	08/05/2024
Lithium	*	0.0500		**0.541**	0.5000	0	108.2	85	115	08/05/2024
Magnesium		0.0500		**2.54**	2.500	0	101.7	85	115	08/05/2024
Manganese		0.0070		**0.548**	0.5000	0	109.6	85	115	08/05/2024
Molybdenum		0.0100		**0.535**	0.5000	0	107.0	85	115	08/05/2024
Nickel		0.0050		**0.562**	0.5000	0	112.4	85	115	08/05/2024
Potassium		0.100		**2.74**	2.500	0	109.7	85	115	08/05/2024
Selenium		0.0400		**0.545**	0.5000	0	109.0	85	115	08/05/2024
Silver		0.0070		**0.0527**	0.0500	0	105.4	85	115	08/05/2024
Sodium		0.0500		**2.77**	2.500	0	111.0	85	115	08/05/2024
Thallium		0.0500		**0.274**	0.2500	0	109.7	85	115	08/05/2024
Vanadium		0.0100		**0.556**	0.5000	0	111.3	85	115	08/05/2024
Zinc		0.0100		**0.550**	0.5000	0	110.0	85	115	08/05/2024

Batch 226612 **SampType:** MS Units **mg/L**
SampID: 24071451-077BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100	S	**92.3**	2.500	91.17	45.6	75	125	08/05/2024
Magnesium		0.050	S	**43.7**	2.500	41.86	72.6	75	125	08/05/2024
Potassium		0.100		**3.39**	2.500	0.5999	111.7	75	125	08/05/2024
Sodium		0.050		**31.0**	2.500	29.13	76.8	75	125	08/05/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll **Work Order:** 24071451

Client Project: COF-24Q3 **Report Date:** 13-Sep-24

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

Batch 226612 **SampType:** MSD Units **mg/L** RPD Limit **20**

SampID: 24071451-077BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Calcium		0.100	S	**91.7**	2.500	91.17	20.0	92.31	0.70	08/05/2024
Magnesium		0.050	S	**43.3**	2.500	41.86	59.1	43.68	0.78	08/05/2024
Potassium		0.100		**3.41**	2.500	0.5999	112.2	3.393	0.36	08/05/2024
Sodium		0.050		**31.1**	2.500	29.13	79.2	31.05	0.19	08/05/2024

Batch 226612 **SampType:** MS Units **mg/L**

SampID: 24072589-005BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Boron		0.0200		**9.56**	0.5000	9.108	89.9	75	125	08/05/2024
Iron		0.0400		**2.44**	2.000	0.1977	112.1	75	125	08/05/2024
Manganese		0.0070		**0.661**	0.5000	0.1054	111.2	75	125	08/05/2024
Molybdenum		0.0100		**1.24**	0.5000	0.7060	105.8	75	125	08/05/2024

Batch 226612 **SampType:** MSD Units **mg/L** RPD Limit **20**

SampID: 24072589-005BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Boron		0.0200		**9.73**	0.5000	9.108	123.8	9.558	1.76	08/05/2024
Iron		0.0400		**2.45**	2.000	0.1977	112.6	2.440	0.41	08/05/2024
Manganese		0.0070		**0.661**	0.5000	0.1054	111.1	0.6612	0.08	08/05/2024
Molybdenum		0.0100		**1.25**	0.5000	0.7060	108.7	1.235	1.17	08/05/2024

Batch 226738 **SampType:** MBLK Units **mg/L**

SampID: MBLK-226738

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	08/07/2024
Iron		0.0400		**< 0.0400**	0.0200	0	0	-100	100	08/07/2024
Magnesium		0.0500		**< 0.0500**	0.0055	0	0	-100	100	08/08/2024
Potassium		0.100		**< 0.100**	0.0400	0	0	-100	100	08/07/2024
Sodium		0.0500		**< 0.0500**	0.0180	0	0	-100	100	08/07/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll **Work Order:** 24071451

Client Project: COF-24Q3 **Report Date:** 13-Sep-24

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

Batch 226738 **SampType:** LCS Units **mg/L**
SampID: LCS-226738

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		**2.63**	2.500	0	105.4	85	115	08/07/2024
Iron		0.0400		**2.08**	2.000	0	104.0	85	115	08/07/2024
Magnesium		0.0500		**2.57**	2.500	0	102.7	85	115	08/08/2024
Potassium		0.100		**2.71**	2.500	0	108.5	85	115	08/07/2024
Sodium		0.0500		**2.65**	2.500	0	105.9	85	115	08/07/2024

Batch 226738 **SampType:** MS Units **mg/L**
SampID: 24071451-012CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100	S	**101**	2.500	99.68	44.4	75	125	08/07/2024
Magnesium		0.050	S	**47.1**	2.500	45.36	68.9	75	125	08/08/2024
Potassium		0.100		**3.08**	2.500	0.3384	109.7	75	125	08/07/2024
Sodium		0.050	S	**53.8**	2.500	52.63	47.6	75	125	08/07/2024

Batch 226738 **SampType:** MSD Units **mg/L** RPD Limit **20**
SampID: 24071451-012CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Calcium		0.100	S	**101**	2.500	99.68	51.6	100.8	0.18	08/07/2024
Magnesium		0.050		**47.8**	2.500	45.36	98.2	47.08	1.54	08/08/2024
Potassium		0.100		**3.05**	2.500	0.3384	108.3	3.082	1.13	08/07/2024
Sodium		0.050	S	**53.7**	2.500	52.63	42.0	53.82	0.26	08/07/2024

Batch 226774 **SampType:** MBLK Units **mg/L**
SampID: MBLK-226774

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	08/08/2024
Magnesium		0.0500		**< 0.0500**	0.0055	0	0	-100	100	08/08/2024
Potassium		0.100		**< 0.100**	0.0400	0	0	-100	100	08/08/2024
Sodium		0.0500		**< 0.0500**	0.0180	0	0	-100	100	08/08/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 24071451
Client Project: COF-24Q3
Report Date: 13-Sep-24

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

Batch 226774 **SampType:** LCS Units **mg/L**
SampID: LCS-226774

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		**2.59**	2.500	0	103.5	85	115	08/08/2024
Magnesium		0.0500		**2.52**	2.500	0	100.7	85	115	08/08/2024
Potassium		0.100		**2.79**	2.500	0	111.5	85	115	08/08/2024
Sodium		0.0500		**2.64**	2.500	0	105.6	85	115	08/08/2024

Batch 226774 **SampType:** MS Units **mg/L**
SampID: 24071451-101BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		**113**	2.500	111.2	89.2	75	125	08/08/2024
Magnesium		0.050		**44.0**	2.500	41.62	95.0	75	125	08/08/2024
Potassium		0.100		**4.73**	2.500	1.875	114.1	75	125	08/08/2024
Sodium		0.050		**110**	2.500	107.8	91.2	75	125	08/08/2024

Batch 226774 **SampType:** MSD Units **mg/L** RPD Limit **20**
SampID: 24071451-101BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Calcium		0.100	S	**112**	2.500	111.2	41.2	113.4	1.06	08/08/2024
Magnesium		0.050	S	**43.5**	2.500	41.62	74.6	43.99	1.16	08/08/2024
Potassium		0.100		**4.70**	2.500	1.875	113.1	4.727	0.51	08/08/2024
Sodium		0.050	S	**109**	2.500	107.8	42.4	110.1	1.11	08/08/2024

Batch 226782 **SampType:** MBLK Units **mg/L**
SampID: MBLK-226782

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	08/15/2024
Magnesium		0.050		**< 0.050**	0.0055	0	0	-100	100	08/15/2024
Potassium		0.100		**< 0.100**	0.0400	0	0	-100	100	08/15/2024
Sodium		0.050		**< 0.050**	0.0180	0	0	-100	100	08/15/2024

Batch 226782 **SampType:** LCS Units **mg/L**
SampID: LCS-226782

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	08/15/2024
Magnesium		0.050		**2.24**	2.500	0	89.8	85	115	08/15/2024
Potassium		0.100		**2.69**	2.500	0	107.6	85	115	08/15/2024
Sodium		0.050		**2.65**	2.500	0	105.8	85	115	08/15/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 24071451
Client Project: COF-24Q3
Report Date: 13-Sep-24

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

Batch 226782 **SampType:** MS Units **mg/L**
SampID: 24071451-038CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		**164**	2.500	162.2	94.0	75	125	08/15/2024
Magnesium		0.050	S	**88.6**	2.500	87.04	62.0	75	125	08/15/2024
Potassium		0.100		**7.56**	2.500	4.840	108.8	75	125	08/15/2024
Sodium		0.050		**98.6**	2.500	95.55	122.8	75	125	08/15/2024

Batch 226782 **SampType:** MSD Units **mg/L** RPD Limit **20**
SampID: 24071451-038CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Calcium		0.100	S	**163**	2.500	162.2	18.0	164.5	1.16	08/15/2024
Magnesium		0.050	S	**88.2**	2.500	87.04	44.7	88.59	0.49	08/15/2024
Potassium		0.100		**7.52**	2.500	4.840	107.1	7.561	0.57	08/15/2024
Sodium		0.050		**97.7**	2.500	95.55	84.8	98.62	0.97	08/15/2024

Batch 226782 **SampType:** MS Units **mg/L**
SampID: 24071451-099CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100	S	**86.3**	2.500	85.34	38.0	75	125	08/15/2024
Magnesium		0.050		**40.8**	2.500	38.75	81.5	75	125	08/15/2024
Potassium		0.100		**3.38**	2.500	0.5807	111.9	75	125	08/15/2024
Sodium		0.050		**61.1**	2.500	58.99	86.0	75	125	08/15/2024

Batch 226782 **SampType:** MSD Units **mg/L** RPD Limit **20**
SampID: 24071451-099CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Calcium		0.100	S	**86.2**	2.500	85.34	34.8	86.29	0.09	08/15/2024
Magnesium		0.050		**40.9**	2.500	38.75	87.1	40.79	0.34	08/15/2024
Potassium		0.100		**3.37**	2.500	0.5807	111.4	3.377	0.35	08/15/2024
Sodium		0.050		**61.3**	2.500	58.99	91.2	61.14	0.21	08/15/2024

Batch 226877 **SampType:** MBLK Units **mg/L**
SampID: MBLK-226877

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	08/12/2024
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	08/12/2024
Sodium		0.0500		**< 0.0500**	0.0180	0	0	-100	100	08/12/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll **Work Order:** 24071451

Client Project: COF-24Q3 **Report Date:** 13-Sep-24

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

Batch 226877 **SampType:** LCS Units **mg/L**
SampID: LCS-226877

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	08/12/2024
Magnesium		0.0500		**2.41**	2.500	0	96.3	85	115	08/12/2024
Potassium		0.100		**2.73**	2.500	0	109.3	85	115	08/12/2024
Sodium		0.0500		**2.59**	2.500	0	103.7	85	115	08/12/2024

Batch 226877 **SampType:** MS Units **mg/L**
SampID: 24080553-006BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100	S	**34.2**	2.500	30.96	128.8	75	125	08/12/2024
Magnesium		0.0500		**12.5**	2.500	9.889	106.4	75	125	08/12/2024
Potassium		0.100		**3.96**	2.500	1.210	109.8	75	125	08/12/2024
Sodium		0.0500	S	**75.5**	2.500	71.73	149.2	75	125	08/12/2024

Batch 226877 **SampType:** MSD Units **mg/L** RPD Limit **20**
SampID: 24080553-006BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Calcium		0.100		**33.1**	2.500	30.96	86.8	34.18	3.12	08/12/2024
Magnesium		0.0500		**12.2**	2.500	9.889	92.1	12.55	2.89	08/12/2024
Potassium		0.100		**3.87**	2.500	1.210	106.5	3.955	2.12	08/12/2024
Sodium		0.0500	S	**73.0**	2.500	71.73	52.8	75.46	3.25	08/12/2024

Batch 226881 **SampType:** MBLK Units **mg/L**
SampID: MBLK-226881

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	08/13/2024
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	08/12/2024
Magnesium		0.0500		**< 0.0500**	0.0055	0	0	-100	100	08/13/2024
Magnesium		0.050		**< 0.050**	0.0055	0	0	-100	100	08/13/2024
Potassium		0.100		**< 0.100**	0.0400	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	08/13/2024
Sodium		0.0500		**< 0.0500**	0.0180	0	0	-100	100	08/12/2024
Sodium		0.050		**< 0.050**	0.0180	0	0	-100	100	08/13/2024
Sodium		0.0500		**< 0.0500**	0.0180	0	0	-100	100	08/13/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 24071451
Client Project: COF-24Q3
Report Date: 13-Sep-24

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

Batch 226881 **SampType:** LCS Units **mg/L**
SampID: LCS-226881

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		**2.66**	2.500	0	106.3	85	115	08/13/2024
Calcium		0.100		**2.66**	2.500	0	106.5	85	115	08/12/2024
Magnesium		0.0500		**2.41**	2.500	0	96.4	85	115	08/12/2024
Magnesium		0.0500		**2.40**	2.500	0	96.2	85	115	08/13/2024
Magnesium		0.050		**2.40**	2.500	0	96.2	85	115	08/13/2024
Potassium		0.100		**2.70**	2.500	0	108.1	85	115	08/12/2024
Potassium		0.100		**2.77**	2.500	0	110.6	85	115	08/13/2024
Potassium		0.100		**2.77**	2.500	0	110.6	85	115	08/13/2024
Sodium		0.0500		**2.69**	2.500	0	107.6	85	115	08/12/2024
Sodium		0.050		**2.75**	2.500	0	110.0	85	115	08/13/2024
Sodium		0.0500		**2.75**	2.500	0	110.0	85	115	08/13/2024

Batch 226881 **SampType:** MS Units **mg/L**
SampID: 24071451-087BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100	S	**428**	2.500	491.8	-2566	75	125	08/12/2024
Magnesium		0.050	S	**933**	2.500	925.8	290.6	75	125	08/12/2024
Potassium		10.0	S	**127**	2.500	121.8	190.8	75	125	08/13/2024
Sodium		0.050	S	**440**	2.500	434.8	213.6	75	125	08/12/2024

Batch 226881 **SampType:** MSD Units **mg/L** RPD Limit **20**
SampID: 24071451-087BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Calcium		0.100	S	**354**	2.500	491.8	-5510	427.7	18.83	08/12/2024
Magnesium		0.050	S	**932**	2.500	925.8	235.3	933.0	0.15	08/12/2024
Potassium		10.0	S	**126**	2.500	121.8	149.6	126.6	0.82	08/13/2024
Sodium		0.050	S	**439**	2.500	434.8	160.4	440.2	0.30	08/12/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24071451

Client Project: COF-24Q3 **Report Date:** 13-Sep-24

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

Batch 226493 **SampType:** MBLK Units **µg/L**

SampID: MBLK-226493

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		25.0		**< 25.0**	12.50	0	0	-100	100	08/02/2024
Aluminum		25.0	S	**31.8**	12.50	0	254.4	-100	100	08/01/2024
Antimony		1.0		**< 1.0**	0.4500	0	0	-100	100	08/01/2024
Arsenic		1.0		**< 1.0**	0.3750	0	0	-100	100	08/01/2024
Barium		1.0		**< 1.0**	0.7000	0	0	-100	100	08/01/2024
Beryllium		1.0		**< 1.0**	0.2500	0	0	-100	100	08/01/2024
Boron		25.0		**< 25.0**	9.250	0	0	-100	100	08/01/2024
Cadmium	*	1.0		**< 1.0**	0.1340	0	0	-100	100	08/01/2024
Chromium		1.5		**< 1.5**	0.7000	0	0	-100	100	08/01/2024
Cobalt		1.0		**< 1.0**	0.1150	0	0	-100	100	08/01/2024
Copper	*	1.0		**< 1.0**	0.3000	0	0	-100	100	08/01/2024
Iron		25.0		**< 25.0**	11.50	0	0	-100	100	08/01/2024
Lead		1.0	S	**4.4**	0.6000	0	726.0	-100	100	08/01/2024
Lead		1.0		**< 1.0**	0.6000	0	0	-100	100	08/05/2024
Manganese		2.0		**< 2.0**	0.7500	0	0	-100	100	08/01/2024
Molybdenum		1.5		**< 1.5**	0.6000	0	0	-100	100	08/05/2024
Nickel		1.0		**< 1.0**	0.4300	0	0	-100	100	08/05/2024
Nickel		1.0	S	**5.3**	0.4300	0	1227	-100	100	08/01/2024
Selenium		1.0		**< 1.0**	0.6000	0	0	-100	100	08/01/2024
Silver		1.0		**< 1.0**	0.1000	0	0	-100	100	08/01/2024
Thallium		2.0		**< 2.0**	0.9500	0	0	-100	100	08/01/2024
Vanadium		5.0		**< 5.0**	5.000	0	0	-100	100	08/01/2024
Zinc		15.0		**< 15.0**	5.900	0	0	-100	100	08/05/2024
Zinc		15.0	S	**112**	5.900	0	1902	-100	100	08/01/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll
Work Order: 24071451
Client Project: COF-24Q3
Report Date: 13-Sep-24

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

Batch 226493 **SampType:** LCS Units **µg/L**
SampID: LCS-226493

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		25.0	B	**1910**	2000	0	95.6	80	120	08/01/2024
Aluminum		25.0		**2000**	2000	0	100.1	80	120	08/02/2024
Antimony		1.0		**418**	500.0	0	83.6	80	120	08/01/2024
Arsenic		1.0		**458**	500.0	0	91.6	80	120	08/01/2024
Barium		1.0		**1870**	2000	0	93.4	80	120	08/01/2024
Beryllium		1.0		**46.5**	50.00	0	93.0	80	120	08/01/2024
Boron		25.0		**465**	500.0	0	93.0	80	120	08/01/2024
Cadmium	*	1.0		**45.6**	50.00	0	91.1	80	120	08/01/2024
Chromium		1.5		**185**	200.0	0	92.3	80	120	08/01/2024
Cobalt		1.0		**468**	500.0	0	93.5	80	120	08/01/2024
Copper	*	1.0		**234**	250.0	0	93.5	80	120	08/01/2024
Iron		25.0		**2060**	2000	0	102.8	80	120	08/01/2024
Lead		1.0	B	**445**	500.0	0	89.1	80	120	08/01/2024
Manganese		2.0		**475**	500.0	0	95.1	80	120	08/01/2024
Molybdenum		1.5		**438**	500.0	0	87.6	80	120	08/05/2024
Nickel		1.0	B	**466**	500.0	0	93.2	80	120	08/01/2024
Selenium		1.0		**483**	500.0	0	96.6	80	120	08/01/2024
Silver		1.0		**43.3**	50.00	0	86.6	80	120	08/01/2024
Thallium		2.0		**230**	250.0	0	91.9	80	120	08/01/2024
Vanadium		5.0		**442**	500.0	0	88.3	80	120	08/01/2024
Zinc		15.0	B	**468**	500.0	0	93.6	80	120	08/01/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll
Work Order: 24071451
Client Project: COF-24Q3
Report Date: 13-Sep-24

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

Batch 226493 **SampType:** MS Units **µg/L**
SampID: 24071451-031DMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		25.0		**1970**	2000	18.83	97.8	75	125	08/02/2024
Antimony		1.0		**416**	500.0	0	83.2	75	125	08/01/2024
Arsenic		1.0		**452**	500.0	0	90.3	75	125	08/01/2024
Barium		1.0		**1890**	2000	91.09	90.1	75	125	08/01/2024
Beryllium		1.0		**45.5**	50.00	0	90.9	75	125	08/01/2024
Boron		25.0		**477**	500.0	0	95.4	75	125	08/01/2024
Cadmium	*	1.0		**45.1**	50.00	0	90.2	75	125	08/01/2024
Chromium		1.5		**174**	200.0	1.840	86.2	75	125	08/01/2024
Cobalt		1.0		**438**	500.0	0	87.5	75	125	08/01/2024
Copper	*	1.0		**221**	250.0	1.412	87.9	75	125	08/01/2024
Iron		25.0		**1910**	2000	15.17	94.9	75	125	08/01/2024
Lead		1.0	B	**474**	500.0	0	94.9	75	125	08/01/2024
Manganese		2.0		**459**	500.0	2.263	91.4	75	125	08/01/2024
Molybdenum		1.5		**474**	500.0	0.9216	94.6	75	125	08/05/2024
Nickel		1.0	B	**434**	500.0	0	86.8	75	125	08/01/2024
Selenium		1.0		**470**	500.0	2.333	93.5	75	125	08/01/2024
Silver		1.0		**42.4**	50.00	0	84.9	75	125	08/01/2024
Thallium		2.0		**227**	250.0	0	90.8	75	125	08/01/2024
Vanadium		5.0		**439**	500.0	0	87.8	75	125	08/01/2024
Zinc		15.0	B	**449**	500.0	0	89.9	75	125	08/01/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24071451

Client Project: COF-24Q3 **Report Date:** 13-Sep-24

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

Batch **226493** **SampType:** **MSD** Units **µg/L** RPD Limit **20**

SampID: 24071451-031DMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Aluminum		25.0		**1920**	2000	18.83	94.8	1975	3.04	08/02/2024
Antimony		1.0		**425**	500.0	0	85.0	416.0	2.19	08/01/2024
Arsenic		1.0		**455**	500.0	0	91.0	451.6	0.76	08/01/2024
Barium		1.0		**1870**	2000	91.09	89.1	1894	1.15	08/01/2024
Beryllium		1.0		**45.7**	50.00	0	91.5	45.46	0.63	08/01/2024
Boron		25.0		**474**	500.0	0	94.9	477.0	0.52	08/01/2024
Cadmium	*	1.0		**44.6**	50.00	0	89.2	45.11	1.16	08/01/2024
Chromium		1.5		**179**	200.0	1.840	88.5	174.3	2.58	08/01/2024
Cobalt		1.0		**436**	500.0	0	87.2	437.6	0.33	08/01/2024
Copper	*	1.0		**224**	250.0	1.412	88.9	221.2	1.11	08/01/2024
Iron		25.0		**1920**	2000	15.17	95.5	1913	0.60	08/01/2024
Lead		1.0	B	**441**	500.0	0	88.2	474.5	7.36	08/01/2024
Manganese		2.0		**456**	500.0	2.263	90.8	459.0	0.61	08/01/2024
Molybdenum		1.5		**433**	500.0	0.9216	86.3	474.1	9.17	08/05/2024
Nickel		1.0	B	**433**	500.0	0	86.6	434.1	0.23	08/01/2024
Selenium		1.0		**470**	500.0	2.333	93.6	469.7	0.11	08/01/2024
Silver		1.0		**43.2**	50.00	0	86.3	42.45	1.70	08/01/2024
Thallium		2.0		**224**	250.0	0	89.6	227.0	1.38	08/01/2024
Vanadium		5.0		**437**	500.0	0	87.4	439.2	0.52	08/01/2024
Zinc		15.0	B	**452**	500.0	0	90.4	449.3	0.64	08/01/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll
Work Order: 24071451
Client Project: COF-24Q3
Report Date: 13-Sep-24

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

Batch 226540 **SampType:** MBLK Units **µg/L**
SampID: MBLK-226540

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		25.0		**< 25.0**	12.50	0	0	-100	100	08/06/2024
Aluminum		25.0		**< 25.0**	12.50	0	0	-100	100	08/05/2024
Antimony		1.0		**< 1.0**	0.4500	0	0	-100	100	08/08/2024
Arsenic		1.0		**< 1.0**	0.3750	0	0	-100	100	08/02/2024
Barium		1.0		**< 1.0**	0.7000	0	0	-100	100	08/02/2024
Beryllium		1.0		**< 1.0**	0.2500	0	0	-100	100	08/02/2024
Boron		25.0		**< 25.0**	9.250	0	0	-100	100	08/02/2024
Cadmium	*	1.0		**< 1.0**	0.1340	0	0	-100	100	08/02/2024
Chromium		1.5		**< 1.5**	0.7000	0	0	-100	100	08/02/2024
Cobalt		1.0		**< 1.0**	0.1150	0	0	-100	100	08/02/2024
Copper	*	1.0		**< 1.0**	0.3000	0	0	-100	100	08/02/2024
Iron		25.0		**< 25.0**	11.50	0	0	-100	100	08/02/2024
Lead		1.0		**< 1.0**	0.6000	0	0	-100	100	08/02/2024
Manganese		2.0		**< 2.0**	0.7500	0	0	-100	100	08/02/2024
Molybdenum		1.5		**< 1.5**	0.6000	0	0	-100	100	08/05/2024
Nickel		1.0		**< 1.0**	0.4300	0	0	-100	100	08/02/2024
Selenium		1.0		**< 1.0**	0.6000	0	0	-100	100	08/02/2024
Silver		1.0		**< 1.0**	0.1000	0	0	-100	100	08/02/2024
Thallium		2.0		**< 2.0**	0.9500	0	0	-100	100	08/02/2024
Vanadium		5.0		**< 5.0**	5.000	0	0	-100	100	08/02/2024
Zinc		15.0		**< 15.0**	5.900	0	0	-100	100	08/02/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll
Work Order: 24071451
Client Project: COF-24Q3
Report Date: 13-Sep-24

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

Batch 226540 **SampType:** LCS Units **µg/L**
SampID: LCS-226540

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		25.0		**1910**	2000	0	95.7	80	120	08/06/2024
Aluminum		25.0		**2060**	2000	0	102.9	80	120	08/05/2024
Antimony		1.0		**482**	500.0	0	96.4	80	120	08/08/2024
Arsenic		1.0		**478**	500.0	0	95.7	80	120	08/02/2024
Barium		1.0		**1960**	2000	0	98.2	80	120	08/02/2024
Beryllium		1.0		**46.2**	50.00	0	92.4	80	120	08/02/2024
Boron		25.0		**472**	500.0	0	94.5	80	120	08/02/2024
Cadmium	*	1.0		**47.7**	50.00	0	95.4	80	120	08/02/2024
Chromium		1.5		**194**	200.0	0	97.2	80	120	08/02/2024
Cobalt		1.0		**470**	500.0	0	93.9	80	120	08/02/2024
Copper	*	1.0		**244**	250.0	0	97.8	80	120	08/02/2024
Iron		25.0		**2020**	2000	0	101.2	80	120	08/02/2024
Lead		1.0		**496**	500.0	0	99.2	80	120	08/05/2024
Manganese		2.0		**481**	500.0	0	96.1	80	120	08/02/2024
Molybdenum		1.5		**438**	500.0	0	87.6	80	120	08/05/2024
Nickel		1.0		**471**	500.0	0	94.3	80	120	08/02/2024
Selenium		1.0		**496**	500.0	0	99.3	80	120	08/02/2024
Silver		1.0		**47.9**	50.00	0	95.8	80	120	08/02/2024
Thallium		2.0		**216**	250.0	0	86.6	80	120	08/05/2024
Vanadium		5.0		**468**	500.0	0	93.5	80	120	08/02/2024
Zinc		15.0		**483**	500.0	0	96.6	80	120	08/02/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll
Work Order: 24071451
Client Project: COF-24Q3
Report Date: 13-Sep-24

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

Batch 226540 **SampType:** MS Units **µg/L**
SampID: 24071451-041DMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		25.0		**1880**	2000	30.23	92.2	75	125	08/06/2024
Antimony		1.0		**539**	500.0	0.6924	107.7	75	125	08/08/2024
Arsenic		1.0		**496**	500.0	2.282	98.7	75	125	08/02/2024
Barium		1.0		**2020**	2000	67.72	97.5	75	125	08/02/2024
Beryllium		1.0		**47.5**	50.00	0	95.1	75	125	08/02/2024
Boron		25.0		**526**	500.0	31.14	98.9	75	125	08/08/2024
Cadmium	*	1.0		**48.5**	50.00	0	97.0	75	125	08/02/2024
Chromium		1.5		**193**	200.0	0	96.7	75	125	08/02/2024
Cobalt		1.0		**466**	500.0	0.5462	93.0	75	125	08/02/2024
Copper	*	1.0		**239**	250.0	1.294	95.2	75	125	08/05/2024
Iron		25.0		**3140**	2000	1386	87.8	75	125	08/02/2024
Lead		1.0		**546**	500.0	0	109.1	75	125	08/05/2024
Manganese		2.0		**1460**	500.0	983.9	95.9	75	125	08/02/2024
Molybdenum		1.5		**443**	500.0	0	88.7	75	125	08/05/2024
Nickel		1.0		**466**	500.0	0	93.2	75	125	08/02/2024
Selenium		1.0		**462**	500.0	0	92.3	75	125	08/02/2024
Silver		1.0		**48.1**	50.00	0	96.2	75	125	08/02/2024
Thallium		2.0		**227**	250.0	0	90.9	75	125	08/05/2024
Vanadium		5.0		**486**	500.0	0	97.3	75	125	08/02/2024
Zinc		15.0		**476**	500.0	0	95.2	75	125	08/02/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 24071451
Client Project: COF-24Q3
Report Date: 13-Sep-24

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

Batch 226540 **SampType:** MSD Units µg/L RPD Limit 20
SampID: 24071451-041DMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Aluminum		25.0		**1910**	2000	30.23	93.9	1875	1.72	08/06/2024
Antimony		1.0		**541**	500.0	0.6924	108.0	539.0	0.35	08/08/2024
Arsenic		1.0		**503**	500.0	2.282	100.1	495.6	1.45	08/02/2024
Barium		1.0		**2100**	2000	67.72	101.6	2017	3.96	08/02/2024
Beryllium		1.0		**47.4**	50.00	0	94.7	47.53	0.38	08/02/2024
Boron		25.0		**518**	500.0	31.14	97.4	525.5	1.43	08/08/2024
Cadmium	*	1.0		**49.2**	50.00	0	98.3	48.52	1.31	08/02/2024
Chromium		1.5		**199**	200.0	0	99.3	193.3	2.67	08/02/2024
Cobalt		1.0		**473**	500.0	0.5462	94.5	465.5	1.59	08/02/2024
Copper	*	1.0		**241**	250.0	1.294	95.8	239.4	0.59	08/05/2024
Iron		25.0		**3280**	2000	1386	95.0	3142	4.45	08/02/2024
Lead		1.0		**543**	500.0	0	108.7	545.6	0.39	08/05/2024
Manganese		2.0		**1450**	500.0	983.9	92.7	1463	1.10	08/02/2024
Molybdenum		1.5		**441**	500.0	0	88.3	443.4	0.43	08/05/2024
Nickel		1.0		**467**	500.0	0	93.4	466.2	0.17	08/02/2024
Selenium		1.0		**472**	500.0	0	94.3	461.6	2.17	08/02/2024
Silver		1.0		**46.6**	50.00	0	93.2	48.11	3.15	08/02/2024
Thallium		2.0		**231**	250.0	0	92.4	227.3	1.62	08/05/2024
Vanadium		5.0		**483**	500.0	0	96.6	486.3	0.68	08/02/2024
Zinc		15.0		**481**	500.0	0	96.2	476.0	1.07	08/02/2024

Batch 226540 **SampType:** MS Units µg/L
SampID: 24071451-079CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		25.0		**1800**	2000	16.18	89.3	75	125	08/06/2024
Arsenic		1.0		**555**	500.0	0.4362	111.0	75	125	08/02/2024
Boron		25.0	S	**10100**	500.0	10050	3.2	75	125	08/09/2024
Copper	*	1.0		**266**	250.0	0.9637	106.0	75	125	08/02/2024
Iron		25.0		**2260**	2000	102.7	107.6	75	125	08/02/2024
Lead		1.0		**524**	500.0	0	104.8	75	125	08/05/2024
Manganese		2.0		**1420**	500.0	956.2	93.6	75	125	08/05/2024
Nickel		1.0		**519**	500.0	1.153	103.6	75	125	08/02/2024
Silver		1.0		**52.5**	50.00	0	105.0	75	125	08/02/2024
Vanadium		5.0		**540**	500.0	0	108.0	75	125	08/02/2024
Zinc		15.0		**537**	500.0	0	107.5	75	125	08/02/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 24071451
Client Project: COF-24Q3
Report Date: 13-Sep-24

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

Batch 226540 **SampType:** MSD Units **µg/L** RPD Limit **20**
SampID: 24071451-079CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Aluminum		25.0		**1860**	2000	16.18	92.1	1802	3.03	08/06/2024
Arsenic		1.0		**577**	500.0	0.4362	115.3	555.2	3.84	08/02/2024
Boron		25.0	S	**10300**	500.0	9643	132.3	10060	2.37	08/09/2024
Copper	*	1.0		**275**	250.0	0.9637	109.5	266.1	3.20	08/02/2024
Iron		25.0		**2530**	2000	102.7	121.5	2255	11.56	08/02/2024
Lead		1.0		**498**	500.0	0	99.5	524.2	5.18	08/05/2024
Manganese		2.0		**1420**	500.0	956.2	92.6	1424	0.35	08/05/2024
Nickel		1.0		**543**	500.0	1.153	108.4	519.1	4.57	08/02/2024
Silver		1.0		**52.8**	50.00	0	105.5	52.49	0.49	08/02/2024
Vanadium		5.0		**562**	500.0	0	112.5	539.9	4.10	08/02/2024
Zinc		15.0		**549**	500.0	0	109.8	537.3	2.16	08/02/2024

Batch 226588 **SampType:** MBLK Units **µg/L**
SampID: MBLK-226588

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		25.0		**< 25.0**	12.50	0	0	-100	100	08/05/2024
Antimony		1.0		**< 1.0**	0.4500	0	0	-100	100	08/08/2024
Arsenic		1.0		**< 1.0**	0.3750	0	0	-100	100	08/02/2024
Barium		1.0		**< 1.0**	0.7000	0	0	-100	100	08/02/2024
Beryllium		1.0		**< 1.0**	0.2500	0	0	-100	100	08/02/2024
Boron		25.0		**< 25.0**	9.250	0	0	-100	100	08/02/2024
Cadmium	*	1.0		**< 1.0**	0.1340	0	0	-100	100	08/02/2024
Chromium		1.5		**< 1.5**	0.7000	0	0	-100	100	08/02/2024
Cobalt		1.0		**< 1.0**	0.1150	0	0	-100	100	08/02/2024
Copper	*	1.0		**< 1.0**	0.3000	0	0	-100	100	08/02/2024
Iron		25.0		**< 25.0**	11.50	0	0	-100	100	08/02/2024
Lead		1.0		**< 1.0**	0.6000	0	0	-100	100	08/02/2024
Manganese		2.0		**< 2.0**	0.7500	0	0	-100	100	08/02/2024
Molybdenum		1.5		**< 1.5**	0.6000	0	0	-100	100	08/02/2024
Nickel		1.0		**< 1.0**	0.4300	0	0	-100	100	08/02/2024
Selenium		1.0		**< 1.0**	0.6000	0	0	-100	100	08/02/2024
Silver		1.0		**< 1.0**	0.1000	0	0	-100	100	08/02/2024
Thallium		2.0		**< 2.0**	0.9500	0	0	-100	100	08/02/2024
Vanadium		5.0		**< 5.0**	5.000	0	0	-100	100	08/02/2024
Zinc		15.0		**< 15.0**	5.900	0	0	-100	100	08/02/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll **Work Order:** 24071451

Client Project: COF-24Q3 **Report Date:** 13-Sep-24

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

Batch 226588 **SampType:** LCS Units **µg/L**

SampID: LCS-226588

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		1.0		**466**	500.0	0	93.2	80	120	08/08/2024
Arsenic		1.0		**458**	500.0	0	91.6	80	120	08/02/2024
Barium		1.0		**1900**	2000	0	95.1	80	120	08/02/2024
Boron		25.0		**439**	500.0	0	87.8	80	120	08/02/2024
Cadmium	*	1.0		**46.1**	50.00	0	92.2	80	120	08/02/2024
Chromium		1.5		**173**	200.0	0	86.4	80	120	08/02/2024
Cobalt		1.0		**454**	500.0	0	90.7	80	120	08/02/2024
Copper	*	1.0		**231**	250.0	0	92.4	80	120	08/02/2024
Iron		25.0		**1830**	2000	0	91.5	80	120	08/02/2024
Lead		1.0		**463**	500.0	0	92.6	80	120	08/02/2024
Manganese		2.0		**462**	500.0	0	92.5	80	120	08/02/2024
Molybdenum		1.5		**446**	500.0	0	89.2	80	120	08/02/2024
Nickel		1.0		**453**	500.0	0	90.6	80	120	08/02/2024
Selenium		1.0		**471**	500.0	0	94.3	80	120	08/02/2024
Silver		1.0		**47.0**	50.00	0	94.0	80	120	08/02/2024
Thallium		2.0		**228**	250.0	0	91.2	80	120	08/02/2024
Vanadium		5.0		**459**	500.0	0	91.7	80	120	08/02/2024
Zinc		15.0		**465**	500.0	0	93.0	80	120	08/02/2024

Batch 226588 **SampType:** MS Units **µg/L**

SampID: 24071451-080CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Arsenic		1.0		**485**	500.0	0	97.1	75	125	08/02/2024
Boron		25.0		**1890**	500.0	1397	98.5	75	125	08/08/2024
Copper	*	1.0		**230**	250.0	1.245	91.4	75	125	08/02/2024
Iron		25.0		**1910**	2000	0	95.4	75	125	08/02/2024
Lead		1.0		**477**	500.0	0	95.5	75	125	08/02/2024
Manganese		2.0		**4870**	500.0	4306	113.2	75	125	08/02/2024
Nickel		1.0		**454**	500.0	4.319	90.0	75	125	08/02/2024
Silver		1.0		**44.0**	50.00	0	88.1	75	125	08/02/2024
Vanadium		5.0		**475**	500.0	0	95.1	75	125	08/02/2024
Zinc		15.0		**476**	500.0	0	95.1	75	125	08/02/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24071451

Client Project: COF-24Q3 **Report Date:** 13-Sep-24

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

Batch 226588 **SampType:** MSD Units **µg/L** RPD Limit **20**

SampID: 24071451-080CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Arsenic		1.0		**489**	500.0	0	97.8	485.5	0.73	08/02/2024
Boron		25.0		**1860**	500.0	1397	91.6	1890	1.86	08/08/2024
Copper	*	1.0		**229**	250.0	1.245	91.3	229.6	0.08	08/02/2024
Iron		25.0		**1910**	2000	0	95.4	1909	0.04	08/02/2024
Lead		1.0		**484**	500.0	0	96.8	477.3	1.45	08/02/2024
Manganese		2.0		**4850**	500.0	4306	109.0	4872	0.44	08/02/2024
Nickel		1.0		**454**	500.0	4.319	90.0	454.1	0.01	08/02/2024
Silver		1.0		**44.0**	50.00	0	88.1	44.03	0.04	08/02/2024
Vanadium		5.0		**472**	500.0	0	94.3	475.4	0.77	08/02/2024
Zinc		15.0		**473**	500.0	0	94.6	475.6	0.58	08/02/2024

Batch 226703 **SampType:** MBLK Units **µg/L**

SampID: MBLK-226703

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		25.0		**< 25.0**	12.50	0	0	-100	100	08/06/2024
Arsenic		1.0		**< 1.0**	0.3750	0	0	-100	100	08/06/2024
Boron		25.0		**< 25.0**	9.250	0	0	-100	100	08/06/2024
Cadmium	*	1.0		**< 1.0**	0.1340	0	0	-100	100	08/06/2024
Copper	*	1.0		**< 1.0**	0.3000	0	0	-100	100	08/08/2024
Iron		25.0		**< 25.0**	11.50	0	0	-100	100	08/06/2024
Lead		1.0		**< 1.0**	0.6000	0	0	-100	100	08/06/2024
Manganese		2.0		**< 2.0**	0.7500	0	0	-100	100	08/06/2024
Nickel		1.0		**< 1.0**	0.4300	0	0	-100	100	08/06/2024
Silver		1.0		**< 1.0**	0.1000	0	0	-100	100	08/06/2024
Vanadium		5.0		**< 5.0**	5.000	0	0	-100	100	08/06/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll **Work Order:** 24071451

Client Project: COF-24Q3 **Report Date:** 13-Sep-24

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

Batch 226703 **SampType:** LCS Units **µg/L**

SampID: LCS-226703

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		25.0		**1730**	2000	0	86.7	80	120	08/06/2024
Arsenic		1.0		**473**	500.0	0	94.5	80	120	08/06/2024
Boron		25.0		**454**	500.0	0	90.9	80	120	08/06/2024
Cadmium	*	1.0		**43.4**	50.00	0	86.7	80	120	08/06/2024
Copper	*	1.0		**249**	250.0	0	99.6	80	120	08/08/2024
Iron		25.0		**1740**	2000	0	86.8	80	120	08/06/2024
Lead		1.0		**441**	500.0	0	88.1	80	120	08/06/2024
Manganese		2.0		**445**	500.0	0	89.0	80	120	08/06/2024
Nickel		1.0		**425**	500.0	0	84.9	80	120	08/06/2024
Silver		1.0		**43.5**	50.00	0	87.1	80	120	08/06/2024
Vanadium		5.0		**429**	500.0	0	85.8	80	120	08/06/2024

Batch 226703 **SampType:** MS Units **µg/L**

SampID: 24080359-008CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Arsenic		1.0		**476**	500.0	0	95.2	75	125	08/06/2024
Cadmium	*	1.0		**41.2**	50.00	0	82.4	75	125	08/06/2024
Lead		1.0		**438**	500.0	0	87.7	75	125	08/06/2024

Batch 226703 **SampType:** MSD Units **µg/L** RPD Limit **20**

SampID: 24080359-008CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Arsenic		1.0		**457**	500.0	0	91.3	475.9	4.15	08/06/2024
Cadmium	*	1.0		**41.1**	50.00	0	82.2	41.18	0.14	08/06/2024
Lead		1.0		**432**	500.0	0	86.5	438.5	1.43	08/06/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24071451

Client Project: COF-24Q3 **Report Date:** 13-Sep-24

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

Batch 226766 **SampType:** MBLK Units **µg/L**

SampID: MBLK-226766

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	08/13/2024
Barium		1.0		**< 1.0**	0.7000	0	0	-100	100	08/13/2024
Barium		1.0		**< 1.0**	0.7000	0	0	-100	100	08/12/2024
Boron		25.0		**< 25.0**	9.250	0	0	-100	100	08/13/2024
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	08/13/2024
Cobalt		1.0		**< 1.0**	0.1150	0	0	-100	100	08/13/2024
Copper	*	1.0		**< 1.0**	0.3000	0	0	-100	100	08/12/2024
Iron		25.0		**< 25.0**	11.50	0	0	-100	100	08/13/2024
Lead		1.0		**< 1.0**	0.6000	0	0	-100	100	08/12/2024
Manganese		2.0		**< 2.0**	0.7500	0	0	-100	100	08/13/2024
Molybdenum		1.5		**< 1.5**	0.6000	0	0	-100	100	08/12/2024
Nickel		1.0		**< 1.0**	0.4300	0	0	-100	100	08/13/2024
Selenium		1.0		**< 1.0**	0.6000	0	0	-100	100	08/13/2024
Silver		1.0		**< 1.0**	0.1000	0	0	-100	100	08/12/2024
Thallium		2.0		**< 2.0**	0.9500	0	0	-100	100	08/12/2024
Vanadium		5.0		**< 5.0**	5.000	0	0	-100	100	08/13/2024
Zinc		15.0		**< 15.0**	5.900	0	0	-100	100	08/13/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll **Work Order:** 24071451

Client Project: COF-24Q3 **Report Date:** 13-Sep-24

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

Batch 226766 **SampType:** LCS Units µg/L

SampID: LCS-226766

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		1.0		**428**	500.0	0	85.6	80	120	08/12/2024
Arsenic		1.0		**466**	500.0	0	93.2	80	120	08/13/2024
Barium		1.0		**1960**	2000	0	97.9	80	120	08/12/2024
Barium		1.0		**1950**	2000	0	97.6	80	120	08/13/2024
Boron		25.0		**442**	500.0	0	88.4	80	120	08/13/2024
Cadmium	*	1.0		**46.0**	50.00	0	92.1	80	120	08/12/2024
Chromium		1.5		**182**	200.0	0	91.2	80	120	08/13/2024
Cobalt		1.0		**461**	500.0	0	92.2	80	120	08/13/2024
Copper	*	1.0		**224**	250.0	0	89.5	80	120	08/12/2024
Iron		25.0		**1850**	2000	0	92.7	80	120	08/13/2024
Lead		1.0		**465**	500.0	0	93.0	80	120	08/12/2024
Manganese		2.0		**464**	500.0	0	92.8	80	120	08/13/2024
Molybdenum		1.5		**429**	500.0	0	85.9	80	120	08/12/2024
Nickel		1.0		**455**	500.0	0	91.0	80	120	08/13/2024
Selenium		1.0		**471**	500.0	0	94.3	80	120	08/13/2024
Silver		1.0		**46.4**	50.00	0	92.8	80	120	08/12/2024
Thallium		2.0		**231**	250.0	0	92.5	80	120	08/12/2024
Vanadium		5.0		**455**	500.0	0	91.0	80	120	08/13/2024
Zinc		15.0		**440**	500.0	0	87.9	80	120	08/13/2024

Batch 226766 **SampType:** MS Units µg/L

SampID: 24071451-014CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		1.0		**509**	500.0	0	101.8	75	125	08/13/2024
Arsenic		1.0		**488**	500.0	0	97.6	75	125	08/13/2024
Barium		1.0		**2020**	2000	56.20	98.3	75	125	08/13/2024
Boron		25.0		**491**	500.0	0	98.3	75	125	08/13/2024
Cadmium	*	1.0		**46.3**	50.00	0	92.6	75	125	08/13/2024
Chromium		1.5		**187**	200.0	0.8925	92.9	75	125	08/13/2024
Cobalt		1.0		**442**	500.0	0	88.4	75	125	08/13/2024
Lead		1.0		**472**	500.0	0	94.5	75	125	08/13/2024
Manganese		2.0		**485**	500.0	9.130	95.2	75	125	08/13/2024
Zinc		15.0		**456**	500.0	0	91.3	75	125	08/13/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 24071451
Client Project: COF-24Q3
Report Date: 13-Sep-24

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

Batch **226766** **SampType:** **MSD** Units **µg/L** RPD Limit **20**
SampID: 24071451-014CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Antimony		1.0		**510**	500.0	0	101.9	509.2	0.06	08/13/2024
Arsenic		1.0		**481**	500.0	0	96.2	488.1	1.50	08/13/2024
Barium		1.0		**2060**	2000	56.20	100.1	2021	1.76	08/13/2024
Boron		25.0		**493**	500.0	0	98.6	491.4	0.36	08/13/2024
Cadmium	*	1.0		**47.3**	50.00	0	94.6	46.30	2.17	08/13/2024
Chromium		1.5		**187**	200.0	0.8925	92.9	186.7	0.03	08/13/2024
Cobalt		1.0		**448**	500.0	0	89.6	441.9	1.34	08/13/2024
Lead		1.0		**480**	500.0	0	96.1	472.5	1.64	08/13/2024
Manganese		2.0		**490**	500.0	9.130	96.2	485.0	1.07	08/13/2024
Zinc		15.0		**457**	500.0	0	91.4	456.3	0.11	08/13/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 24071451
Client Project: COF-24Q3
Report Date: 13-Sep-24

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

Batch 226779 **SampType:** MBLK Units **µg/L**
SampID: MBLK-226779

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		25.0		**< 25.0**	12.50	0	0	-100	100	08/09/2024
Antimony		1.0		**< 1.0**	0.4500	0	0	-100	100	08/09/2024
Antimony		1.0	S	**2.2**	0.4500	0	498.3	-100	100	08/08/2024
Arsenic		1.0		**< 1.0**	0.3750	0	0	-100	100	08/09/2024
Arsenic		1.0		**< 1.0**	0.3750	0	0	-100	100	08/08/2024
Barium		1.0		**< 1.0**	0.7000	0	0	-100	100	08/08/2024
Beryllium		1.0		**< 1.0**	0.2500	0	0	-100	100	08/08/2024
Boron		25.0		**< 25.0**	9.250	0	0	-100	100	08/09/2024
Boron		25.0		**< 25.0**	9.250	0	0	-100	100	08/08/2024
Cadmium	*	1.0		**< 1.0**	0.1340	0	0	-100	100	08/08/2024
Chromium		1.5		**< 1.5**	0.7000	0	0	-100	100	08/08/2024
Cobalt		1.0		**< 1.0**	0.1150	0	0	-100	100	08/08/2024
Copper	*	1.0		**< 1.0**	0.3000	0	0	-100	100	08/08/2024
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	08/08/2024
Manganese		2.0		**< 2.0**	0.7500	0	0	-100	100	08/08/2024
Molybdenum		1.5		**< 1.5**	0.6000	0	0	-100	100	08/09/2024
Nickel		1.0		**< 1.0**	0.4300	0	0	-100	100	08/08/2024
Selenium		1.0		**< 1.0**	0.6000	0	0	-100	100	08/08/2024
Silver		1.0		**< 1.0**	0.1000	0	0	-100	100	08/08/2024
Thallium		2.0		**< 2.0**	0.9500	0	0	-100	100	08/08/2024
Vanadium		5.0		**< 5.0**	5.000	0	0	-100	100	08/09/2024
Zinc		15.0		**< 15.0**	5.900	0	0	-100	100	08/08/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24071451

Client Project: COF-24Q3 **Report Date:** 13-Sep-24

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

Batch 226779 **SampType:** LCS Units µg/L

SampID: LCS-226779

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		25.0		**2060**	2000	0	103.1	80	120	08/09/2024
Antimony		1.0	B	**420**	500.0	0	84.0	80	120	08/08/2024
Antimony		1.0		**438**	500.0	0	87.7	80	120	08/09/2024
Arsenic		1.0		**476**	500.0	0	95.1	80	120	08/08/2024
Arsenic		1.0		**479**	500.0	0	95.7	80	120	08/09/2024
Barium		1.0		**1910**	2000	0	95.6	80	120	08/08/2024
Beryllium		1.0		**44.7**	50.00	0	89.3	80	120	08/08/2024
Boron		25.0		**492**	500.0	0	98.4	80	120	08/09/2024
Cadmium	*	1.0		**45.1**	50.00	0	90.3	80	120	08/08/2024
Chromium		1.5		**188**	200.0	0	93.9	80	120	08/08/2024
Cobalt		1.0		**467**	500.0	0	93.3	80	120	08/08/2024
Copper	*	1.0		**233**	250.0	0	93.0	80	120	08/08/2024
Iron		25.0		**1950**	2000	0	97.5	80	120	08/09/2024
Lead		1.0		**463**	500.0	0	92.6	80	120	08/08/2024
Manganese		2.0		**475**	500.0	0	95.0	80	120	08/08/2024
Molybdenum		1.5		**426**	500.0	0	85.2	80	120	08/09/2024
Nickel		1.0		**465**	500.0	0	93.0	80	120	08/08/2024
Selenium		1.0		**477**	500.0	0	95.3	80	120	08/08/2024
Silver		1.0		**43.8**	50.00	0	87.6	80	120	08/08/2024
Thallium		2.0		**248**	250.0	0	99.0	80	120	08/08/2024
Vanadium		5.0		**470**	500.0	0	94.1	80	120	08/09/2024
Zinc		15.0		**465**	500.0	0	92.9	80	120	08/08/2024

Batch 226779 **SampType:** MS Units µg/L

SampID: 24071451-013CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		1.0	B	**501**	500.0	0	100.2	75	125	08/08/2024
Arsenic		1.0		**500**	500.0	0	100.0	75	125	08/08/2024
Barium		1.0		**2060**	2000	89.93	98.3	75	125	08/08/2024
Boron		25.0		**489**	500.0	0	97.8	75	125	08/09/2024
Cadmium	*	1.0		**46.9**	50.00	0	93.9	75	125	08/08/2024
Chromium		1.5		**196**	200.0	0	98.0	75	125	08/08/2024
Cobalt		1.0		**471**	500.0	0	94.2	75	125	08/08/2024
Lead		1.0		**477**	500.0	0	95.4	75	125	08/08/2024
Manganese		2.0		**506**	500.0	24.33	96.3	75	125	08/08/2024
Zinc		15.0		**478**	500.0	0	95.7	75	125	08/08/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24071451

Client Project: COF-24Q3 **Report Date:** 13-Sep-24

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

Batch 226779 **SampType:** MSD Units **µg/L** RPD Limit **20**

SampID: 24071451-013CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Antimony		1.0	B	**499**	500.0	0	99.8	500.8	0.35	08/08/2024
Arsenic		1.0		**493**	500.0	0	98.6	499.8	1.34	08/08/2024
Barium		1.0		**2020**	2000	89.93	96.3	2055	1.91	08/08/2024
Boron		25.0		**482**	500.0	0	96.4	489.2	1.44	08/09/2024
Cadmium	*	1.0		**47.3**	50.00	0	94.7	46.94	0.85	08/08/2024
Chromium		1.5		**195**	200.0	0	97.3	196.0	0.66	08/08/2024
Cobalt		1.0		**481**	500.0	0	96.1	471.0	2.05	08/08/2024
Lead		1.0		**461**	500.0	0	92.1	477.0	3.48	08/08/2024
Manganese		2.0		**509**	500.0	24.33	96.9	505.7	0.66	08/08/2024
Zinc		15.0		**476**	500.0	0	95.2	478.4	0.51	08/08/2024

Batch 226779 **SampType:** MS Units **µg/L**

SampID: 24071451-040DMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		25.0		**1980**	2000	0	99.2	75	125	08/09/2024
Antimony		1.0	B	**486**	500.0	0	97.3	75	125	08/09/2024
Arsenic		1.0		**480**	500.0	0	95.9	75	125	08/09/2024
Barium		1.0		**1980**	2000	72.80	95.2	75	125	08/09/2024
Beryllium		1.0		**46.5**	50.00	0	93.1	75	125	08/09/2024
Boron		25.0		**501**	500.0	35.50	93.0	75	125	08/09/2024
Cadmium	*	1.0		**44.8**	50.00	0	89.5	75	125	08/09/2024
Chromium		1.5		**181**	200.0	0	90.7	75	125	08/09/2024
Cobalt		1.0		**462**	500.0	0.3012	92.3	75	125	08/09/2024
Copper	*	1.0		**220**	250.0	1.137	87.5	75	125	08/09/2024
Iron		25.0		**2500**	2000	637.8	93.3	75	125	08/09/2024
Lead		1.0		**456**	500.0	0	91.1	75	125	08/09/2024
Manganese		2.0		**937**	500.0	496.4	88.1	75	125	08/09/2024
Molybdenum		1.5		**429**	500.0	0	85.9	75	125	08/09/2024
Nickel		1.0		**438**	500.0	0	87.6	75	125	08/09/2024
Selenium		1.0		**468**	500.0	0	93.5	75	125	08/09/2024
Silver		1.0		**43.6**	50.00	0	87.3	75	125	08/09/2024
Thallium		2.0		**236**	250.0	0	94.2	75	125	08/09/2024
Vanadium		5.0		**472**	500.0	0	94.4	75	125	08/09/2024
Zinc		15.0		**455**	500.0	0	91.0	75	125	08/09/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24071451

Client Project: COF-24Q3 **Report Date:** 13-Sep-24

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

Batch 226779 **SampType:** MSD Units **µg/L** RPD Limit **20**

SampID: 24071451-040DMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Aluminum		25.0		**2020**	2000	0	100.8	1984	1.63	08/09/2024
Antimony		1.0	B	**507**	500.0	0	101.3	486.4	4.09	08/09/2024
Arsenic		1.0		**496**	500.0	0	99.2	479.7	3.38	08/09/2024
Barium		1.0		**2040**	2000	72.80	98.4	1976	3.21	08/09/2024
Beryllium		1.0		**47.0**	50.00	0	94.1	46.53	1.07	08/09/2024
Boron		25.0		**514**	500.0	35.50	95.8	500.5	2.73	08/09/2024
Cadmium	*	1.0		**45.8**	50.00	0	91.6	44.77	2.33	08/09/2024
Chromium		1.5		**194**	200.0	0	97.2	181.5	6.90	08/09/2024
Cobalt		1.0		**493**	500.0	0.3012	98.6	461.7	6.62	08/09/2024
Copper	*	1.0		**225**	250.0	1.137	89.5	220.0	2.16	08/09/2024
Iron		25.0		**2600**	2000	637.8	97.9	2504	3.60	08/09/2024
Lead		1.0		**466**	500.0	0	93.3	455.6	2.35	08/09/2024
Manganese		2.0		**958**	500.0	496.4	92.4	937.0	2.25	08/09/2024
Molybdenum		1.5		**458**	500.0	0	91.6	429.4	6.42	08/09/2024
Nickel		1.0		**455**	500.0	0	91.1	438.2	3.85	08/09/2024
Selenium		1.0		**483**	500.0	0	96.7	467.5	3.32	08/09/2024
Silver		1.0		**42.9**	50.00	0	85.7	43.64	1.77	08/09/2024
Thallium		2.0		**250**	250.0	0	100.1	235.6	6.00	08/09/2024
Vanadium		5.0		**487**	500.0	0	97.3	472.1	3.04	08/09/2024
Zinc		15.0		**461**	500.0	0	92.1	454.8	1.26	08/09/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24071451

Client Project: COF-24Q3 **Report Date:** 13-Sep-24

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

Batch **226875** **SampType:** **MBLK** Units **µg/L**

SampID: MBLK-226875

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		25.0		**< 25.0**	12.50	0	0	-100	100	08/09/2024
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	08/09/2024
Barium		1.0		**< 1.0**	0.7000	0	0	-100	100	08/09/2024
Beryllium		1.0		**< 1.0**	0.2500	0	0	-100	100	08/09/2024
Boron		25.0		**< 25.0**	9.250	0	0	-100	100	08/09/2024
Cadmium	*	1.0		**< 1.0**	0.1340	0	0	-100	100	08/09/2024
Chromium		1.5		**< 1.5**	0.7000	0	0	-100	100	08/09/2024
Cobalt		1.0		**< 1.0**	0.1150	0	0	-100	100	08/09/2024
Copper	*	1.0		**< 1.0**	0.3000	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
Molybdenum		1.5		**< 1.5**	0.6000	0	0	-100	100	08/09/2024
Nickel		1.0		**< 1.0**	0.4300	0	0	-100	100	08/09/2024
Selenium		1.0		**< 1.0**	0.6000	0	0	-100	100	08/09/2024
Silver		1.0		**< 1.0**	0.1000	0	0	-100	100	08/09/2024
Thallium		2.0		**< 2.0**	0.9500	0	0	-100	100	08/09/2024
Vanadium		5.0		**< 5.0**	5.000	0	0	-100	100	08/09/2024
Zinc		15.0		**< 15.0**	5.900	0	0	-100	100	08/09/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll **Work Order:** 24071451

Client Project: COF-24Q3 **Report Date:** 13-Sep-24

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

Batch 226875 **SampType:** LCS Units **µg/L**

SampID: LCS-226875

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		25.0		**1970**	2000	0	98.7	80	120	08/09/2024
Antimony		1.0		**454**	500.0	0	90.7	80	120	08/12/2024
Arsenic		1.0		**486**	500.0	0	97.2	80	120	08/09/2024
Barium		1.0		**1970**	2000	0	98.3	80	120	08/09/2024
Beryllium		1.0		**44.6**	50.00	0	89.2	80	120	08/09/2024
Boron		25.0		**456**	500.0	0	91.2	80	120	08/09/2024
Cadmium	*	1.0		**46.7**	50.00	0	93.4	80	120	08/09/2024
Chromium		1.5		**190**	200.0	0	94.9	80	120	08/09/2024
Cobalt		1.0		**472**	500.0	0	94.3	80	120	08/09/2024
Copper	*	1.0		**238**	250.0	0	95.3	80	120	08/09/2024
Iron		25.0		**1960**	2000	0	97.9	80	120	08/09/2024
Lead		1.0		**440**	500.0	0	87.9	80	120	08/09/2024
Manganese		2.0		**479**	500.0	0	95.8	80	120	08/09/2024
Molybdenum		1.5		**434**	500.0	0	86.9	80	120	08/09/2024
Nickel		1.0		**465**	500.0	0	93.0	80	120	08/09/2024
Selenium		1.0		**470**	500.0	0	94.0	80	120	08/09/2024
Silver		1.0		**47.4**	50.00	0	94.7	80	120	08/09/2024
Thallium		2.0		**239**	250.0	0	95.5	80	120	08/09/2024
Vanadium		5.0		**465**	500.0	0	93.1	80	120	08/09/2024
Zinc		15.0		**471**	500.0	0	94.2	80	120	08/09/2024

Batch 226875 **SampType:** MS Units **µg/L**

SampID: 24080689-001CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Arsenic		1.0		**482**	500.0	2.970	95.7	75	125	08/09/2024
Cadmium	*	1.0		**44.9**	50.00	0	89.9	75	125	08/09/2024
Lead		1.0		**433**	500.0	0	86.7	75	125	08/09/2024

Batch 226875 **SampType:** MSD Units **µg/L** RPD Limit **20**

SampID: 24080689-001CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Arsenic		1.0		**481**	500.0	2.970	95.7	481.7	0.04	08/09/2024
Cadmium	*	1.0		**45.7**	50.00	0	91.3	44.93	1.63	08/09/2024
Lead		1.0		**451**	500.0	0	90.2	433.3	3.99	08/09/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll **Work Order:** 24071451

Client Project: COF-24Q3 **Report Date:** 13-Sep-24

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

Batch 227733 **SampType:** MBLK Units µg/L
SampID: MBLK-227733

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		25.0		**< 25.0**	12.50	0	0	-100	100	08/29/2024
Antimony		1.0		**< 1.0**	0.4500	0	0	-100	100	08/29/2024
Arsenic		1.0		**< 1.0**	0.3750	0	0	-100	100	08/29/2024
Barium		1.0		**< 1.0**	0.7000	0	0	-100	100	08/29/2024
Copper	*	1.0		**< 1.0**	0.3000	0	0	-100	100	08/29/2024
Lead		1.0		**< 1.0**	0.6000	0	0	-100	100	08/29/2024
Thallium		2.0		**< 2.0**	0.9500	0	0	-100	100	08/29/2024
Zinc		15.0		**< 15.0**	5.900	0	0	-100	100	08/29/2024

Batch 227733 **SampType:** LCS Units µg/L
SampID: LCS-227733

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		25.0		**1950**	2000	0	97.5	80	120	08/29/2024
Antimony		1.0		**419**	500.0	0	83.9	80	120	08/29/2024
Arsenic		1.0		**483**	500.0	0	96.7	80	120	08/29/2024
Barium		1.0		**1860**	2000	0	93.1	80	120	08/29/2024
Copper	*	1.0		**230**	250.0	0	92.2	80	120	08/29/2024
Iron		25.0		**1950**	2000	0	97.6	80	120	08/30/2024
Lead		1.0		**436**	500.0	0	87.2	80	120	08/29/2024
Thallium		2.0		**222**	250.0	0	88.7	80	120	08/30/2024
Zinc		15.0		**464**	500.0	0	92.7	80	120	08/29/2024

Batch 227815 **SampType:** MBLK Units µg/L
SampID: MBLK-227815

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	08/30/2024
Copper	*	1.0		**< 1.0**	0.3000	0	0	-100	100	08/30/2024
Zinc		15.0		**< 15.0**	5.900	0	0	-100	100	09/03/2024

Batch 227815 **SampType:** LCS Units µg/L
SampID: LCS-227815

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Arsenic		1.0		**473**	500.0	0	94.7	80	120	08/30/2024
Copper	*	1.0		**214**	250.0	0	85.6	80	120	08/30/2024
Zinc		15.0		**441**	500.0	0	88.2	80	120	09/03/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll **Work Order:** 24071451

Client Project: COF-24Q3 **Report Date:** 13-Sep-24

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

Batch 228021 **SampType:** MBLK Units µg/L
SampID: MBLK-228021

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		25.0		**< 25.0**	12.50	0	0	-100	100	09/06/2024

Batch 228021 **SampType:** LCS Units µg/L
SampID: LCS-228021

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		25.0		**1870**	2000	0	93.4	80	120	09/06/2024

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

Batch 226445 **SampType:** MBLK Units µg/L
SampID: MBLK-226445

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		25.0		**< 25.0**	12.50	0	0	-100	100	08/02/2024
Antimony		1.0		**< 1.0**	0.4500	0	0	-100	100	08/02/2024
Arsenic		1.0		**< 1.0**	0.3750	0	0	-100	100	08/01/2024
Barium		1.0		**< 1.0**	0.7000	0	0	-100	100	08/01/2024
Beryllium		1.0		**< 1.0**	0.2500	0	0	-100	100	08/01/2024
Boron		25.0		**< 25.0**	9.250	0	0	-100	100	08/01/2024
Cadmium	*	1.0		**< 1.0**	0.1340	0	0	-100	100	08/01/2024
Chromium		1.5		**< 1.5**	0.7000	0	0	-100	100	08/01/2024
Cobalt		1.0		**< 1.0**	0.1150	0	0	-100	100	08/01/2024
Copper	*	1.0		**< 1.0**	0.2980	0	0	-100	100	08/01/2024
Lead		1.0		**< 1.0**	0.6000	0	0	-100	100	08/01/2024
Lithium	*	3.0		**< 3.0**	1.450	0	0	-100	100	08/01/2024
Manganese		2.0		**< 2.0**	0.7500	0	0	-100	100	08/01/2024
Molybdenum		1.5		**< 1.5**	0.6000	0	0	-100	100	08/05/2024
Nickel		1.0		**< 1.0**	0.4300	0	0	-100	100	08/01/2024
Selenium		1.0		**< 1.0**	0.6000	0	0	-100	100	08/01/2024
Silver		1.0		**< 1.0**	0.1110	0	0	-100	100	08/01/2024
Thallium		2.0		**< 2.0**	0.9500	0	0	-100	100	08/01/2024
Vanadium		5.0		**< 5.0**	5.000	0	0	-100	100	08/01/2024
Zinc		15.0		**< 15.0**	5.900	0	0	-100	100	08/01/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll
Work Order: 24071451
Client Project: COF-24Q3
Report Date: 13-Sep-24

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

Batch 226445 **SampType:** LCS Units **µg/L**
SampID: LCS-226445

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		25.0		**2070**	2000	0	103.4	80	120	08/02/2024
Antimony		1.0		**465**	500.0	0	93.0	80	120	08/02/2024
Arsenic		1.0		**477**	500.0	0	95.4	80	120	08/01/2024
Barium		1.0		**1920**	2000	0	96.1	80	120	08/01/2024
Beryllium		1.0		**47.3**	50.00	0	94.6	80	120	08/01/2024
Boron		25.0		**487**	500.0	0	97.3	80	120	08/01/2024
Cadmium	*	1.0		**47.8**	50.00	0	95.6	80	120	08/01/2024
Chromium		1.5		**184**	200.0	0	92.0	80	120	08/01/2024
Cobalt		1.0		**471**	500.0	0	94.2	80	120	08/01/2024
Copper	*	1.0		**235**	250.0	0	93.9	80	120	08/01/2024
Lead		1.0		**485**	500.0	0	97.0	80	120	08/01/2024
Lithium	*	3.0		**494**	500.0	0	98.8	80	120	08/01/2024
Manganese		2.0		**474**	500.0	0	94.9	80	120	08/01/2024
Molybdenum		1.5		**453**	500.0	0	90.6	80	120	08/05/2024
Nickel		1.0		**468**	500.0	0	93.6	80	120	08/01/2024
Selenium		1.0		**500**	500.0	0	100.0	80	120	08/01/2024
Silver		1.0		**45.9**	50.00	0	91.7	80	120	08/01/2024
Thallium		2.0		**256**	250.0	0	102.4	80	120	08/02/2024
Vanadium		5.0		**445**	500.0	0	89.0	80	120	08/01/2024
Zinc		15.0		**470**	500.0	0	93.9	80	120	08/01/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll
Work Order: 24071451
Client Project: COF-24Q3
Report Date: 13-Sep-24

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

Batch 226445 **SampType:** MS Units **µg/L**
SampID: 24071451-030CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		25.0		**2050**	2000	58.32	99.5	75	125	08/02/2024
Antimony		1.0		**544**	500.0	0.6683	108.6	75	125	08/02/2024
Arsenic		1.0		**471**	500.0	0.6794	94.1	75	125	08/01/2024
Barium		1.0		**2010**	2000	115.6	94.8	75	125	08/01/2024
Beryllium		1.0		**49.5**	50.00	0	99.0	75	125	08/01/2024
Boron		25.0		**509**	500.0	0	101.8	75	125	08/01/2024
Cadmium	*	1.0		**48.3**	50.00	0	96.6	75	125	08/01/2024
Chromium		1.5		**186**	200.0	0	92.8	75	125	08/01/2024
Cobalt		1.0		**462**	500.0	0.1962	92.3	75	125	08/01/2024
Copper	*	1.0		**232**	250.0	2.536	91.7	75	125	08/01/2024
Lead		1.0		**496**	500.0	0	99.1	75	125	08/01/2024
Manganese		2.0		**645**	500.0	208.9	87.3	75	125	08/01/2024
Molybdenum		1.5		**463**	500.0	1.353	92.4	75	125	08/05/2024
Nickel		1.0		**455**	500.0	0.6884	90.9	75	125	08/01/2024
Selenium		1.0		**491**	500.0	0	98.3	75	125	08/01/2024
Silver		1.0		**44.3**	50.00	0	88.5	75	125	08/01/2024
Thallium		2.0		**248**	250.0	1.631	98.7	75	125	08/02/2024
Vanadium		5.0		**456**	500.0	0	91.2	75	125	08/01/2024
Zinc		15.0		**468**	500.0	7.030	92.3	75	125	08/01/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24071451

Client Project: COF-24Q3 **Report Date:** 13-Sep-24

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

Batch **226445** **SampType:** **MSD** Units **µg/L** RPD Limit **20**

SampID: 24071451-030CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Aluminum		25.0		**2090**	2000	58.32	101.5	2049	1.84	08/02/2024
Antimony		1.0		**574**	500.0	0.6683	114.7	543.7	5.45	08/02/2024
Arsenic		1.0		**495**	500.0	0.6794	98.8	471.4	4.87	08/01/2024
Barium		1.0		**2030**	2000	115.6	95.9	2011	1.15	08/01/2024
Beryllium		1.0		**51.7**	50.00	0	103.5	49.49	4.42	08/01/2024
Boron		25.0		**502**	500.0	0	100.4	509.1	1.39	08/01/2024
Cadmium	*	1.0		**48.6**	50.00	0	97.2	48.29	0.67	08/01/2024
Chromium		1.5		**193**	200.0	0	96.6	185.5	4.08	08/01/2024
Cobalt		1.0		**482**	500.0	0.1962	96.4	461.5	4.39	08/01/2024
Copper	*	1.0		**238**	250.0	2.536	94.3	231.8	2.80	08/01/2024
Lead		1.0		**509**	500.0	0	101.7	495.7	2.58	08/01/2024
Manganese		2.0		**655**	500.0	208.9	89.2	645.4	1.47	08/01/2024
Molybdenum		1.5		**492**	500.0	1.353	98.1	463.4	5.95	08/05/2024
Nickel		1.0		**469**	500.0	0.6884	93.7	455.4	3.02	08/01/2024
Selenium		1.0		**513**	500.0	0	102.6	491.5	4.26	08/01/2024
Silver		1.0		**43.4**	50.00	0	86.8	44.26	1.99	08/01/2024
Thallium		2.0		**246**	250.0	1.631	97.7	248.5	1.01	08/02/2024
Vanadium		5.0		**474**	500.0	0	94.8	456.2	3.84	08/01/2024
Zinc		15.0		**485**	500.0	7.030	95.7	468.5	3.54	08/01/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24071451

Client Project: COF-24Q3 **Report Date:** 13-Sep-24

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

Batch 226459 **SampType:** MBLK Units **µg/L**

SampID: MBLK-226459

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		25.0		**< 25.0**	12.50	0	0	-100	100	08/02/2024
Antimony		1.0		**< 1.0**	0.4500	0	0	-100	100	08/05/2024
Antimony		1.0	S	**1.3**	0.4500	0	281.9	-100	100	08/01/2024
Arsenic		1.0		**< 1.0**	0.3750	0	0	-100	100	08/01/2024
Barium		1.0		**< 1.0**	0.7000	0	0	-100	100	08/01/2024
Beryllium		1.0		**< 1.0**	0.2500	0	0	-100	100	08/01/2024
Boron		25.0		**< 25.0**	9.250	0	0	-100	100	08/02/2024
Cadmium	*	1.0		**< 1.0**	0.1340	0	0	-100	100	08/01/2024
Chromium		1.5		**< 1.5**	0.7000	0	0	-100	100	08/01/2024
Cobalt		1.0		**< 1.0**	0.1150	0	0	-100	100	08/01/2024
Iron		25.0		**< 25.0**	11.50	0	0	-100	100	08/01/2024
Lead		1.0		**< 1.0**	0.6000	0	0	-100	100	08/01/2024
Lithium	*	3.0		**< 3.0**	1.450	0	0	-100	100	08/01/2024
Manganese		2.0		**< 2.0**	0.7500	0	0	-100	100	08/01/2024
Molybdenum		1.5		**< 1.5**	0.6000	0	0	-100	100	08/01/2024
Nickel		1.0		**< 1.0**	0.4300	0	0	-100	100	08/01/2024
Selenium		1.0		**< 1.0**	0.6000	0	0	-100	100	08/01/2024
Silver		1.0		**< 1.0**	0.1110	0	0	-100	100	08/01/2024
Thallium		2.0		**< 2.0**	0.9500	0	0	-100	100	08/01/2024
Vanadium		5.0		**< 5.0**	5.000	0	0	-100	100	08/01/2024
Zinc		15.0		**< 15.0**	5.900	0	0	-100	100	08/01/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll
Work Order: 24071451
Client Project: COF-24Q3
Report Date: 13-Sep-24

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

Batch 226459 **SampType:** LCS Units **µg/L**
SampID: LCS-226459

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		25.0		**2010**	2000	0	100.3	80	120	08/02/2024
Antimony		1.0	B	**531**	500.0	0	106.2	80	120	08/01/2024
Arsenic		1.0		**510**	500.0	0	102.0	80	120	08/01/2024
Barium		1.0		**2040**	2000	0	102.0	80	120	08/01/2024
Beryllium		1.0		**50.3**	50.00	0	100.7	80	120	08/01/2024
Boron		25.0		**529**	500.0	0	105.8	80	120	08/02/2024
Cadmium	*	1.0		**50.1**	50.00	0	100.3	80	120	08/01/2024
Chromium		1.5		**194**	200.0	0	96.8	80	120	08/01/2024
Cobalt		1.0		**494**	500.0	0	98.8	80	120	08/01/2024
Iron		25.0		**2200**	2000	0	110.1	80	120	08/01/2024
Lead		1.0		**482**	500.0	0	96.4	80	120	08/01/2024
Lithium	*	3.0		**528**	500.0	0	105.7	80	120	08/01/2024
Manganese		2.0		**517**	500.0	0	103.4	80	120	08/01/2024
Molybdenum		1.5		**437**	500.0	0	87.4	80	120	08/01/2024
Nickel		1.0		**500**	500.0	0	100.0	80	120	08/01/2024
Selenium		1.0		**537**	500.0	0	107.5	80	120	08/01/2024
Silver		1.0		**46.0**	50.00	0	92.1	80	120	08/01/2024
Thallium		2.0		**219**	250.0	0	87.8	80	120	08/01/2024
Vanadium		5.0		**476**	500.0	0	95.3	80	120	08/01/2024
Zinc		15.0		**509**	500.0	0	101.8	80	120	08/01/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24071451

Client Project: COF-24Q3 **Report Date:** 13-Sep-24

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

Batch 226542 **SampType:** MBLK Units **µg/L**

SampID: MBLK-226542

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		25.0		**< 25.0**	12.50	0	0	-100	100	08/05/2024
Antimony		1.0		**< 1.0**	0.4500	0	0	-100	100	08/08/2024
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
Beryllium		1.0		**< 1.0**	0.2500	0	0	-100	100	08/05/2024
Boron		25.0		**< 25.0**	9.250	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
Copper	*	1.0		**< 1.0**	0.2980	0	0	-100	100	08/06/2024
Iron		25.0		**< 25.0**	11.50	0	0	-100	100	08/06/2024
Lead		1.0		**< 1.0**	0.6000	0	0	-100	100	08/05/2024
Lithium	*	3.0		**< 3.0**	1.450	0	0	-100	100	08/05/2024
Manganese		2.0		**< 2.0**	0.7500	0	0	-100	100	08/05/2024
Molybdenum		1.5		**< 1.5**	0.6000	0	0	-100	100	08/05/2024
Nickel		1.0		**< 1.0**	0.4300	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
Vanadium		5.0		**< 5.0**	5.000	0	0	-100	100	08/05/2024
Zinc		15.0		**< 15.0**	5.900	0	0	-100	100	08/05/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll
Work Order: 24071451
Client Project: COF-24Q3
Report Date: 13-Sep-24

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

Batch 226542 **SampType:** LCS Units **µg/L**
SampID: LCS-226542

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		25.0		**1840**	2000	0	92.2	80	120	08/05/2024
Antimony		1.0		**550**	500.0	0	110.0	80	120	08/08/2024
Arsenic		1.0		**498**	500.0	0	99.7	80	120	08/05/2024
Barium		1.0		**2100**	2000	0	104.9	80	120	08/05/2024
Beryllium		1.0		**48.1**	50.00	0	96.2	80	120	08/05/2024
Boron		25.0		**471**	500.0	0	94.2	80	120	08/05/2024
Cadmium	*	1.0		**49.2**	50.00	0	98.3	80	120	08/05/2024
Chromium		1.5		**183**	200.0	0	91.7	80	120	08/05/2024
Cobalt		1.0		**473**	500.0	0	94.5	80	120	08/05/2024
Copper	*	1.0		**236**	250.0	0	94.4	80	120	08/06/2024
Iron		25.0		**1890**	2000	0	94.4	80	120	08/06/2024
Lead		1.0		**483**	500.0	0	96.6	80	120	08/05/2024
Lithium	*	3.0		**489**	500.0	0	97.8	80	120	08/05/2024
Manganese		2.0		**500**	500.0	0	100.0	80	120	08/05/2024
Molybdenum		1.5		**407**	500.0	0	81.4	80	120	08/05/2024
Nickel		1.0		**481**	500.0	0	96.2	80	120	08/05/2024
Selenium		1.0		**526**	500.0	0	105.3	80	120	08/05/2024
Silver		1.0		**47.2**	50.00	0	94.5	80	120	08/05/2024
Thallium		2.0		**233**	250.0	0	93.1	80	120	08/05/2024
Vanadium		5.0		**482**	500.0	0	96.3	80	120	08/05/2024
Zinc		15.0		**477**	500.0	0	95.3	80	120	08/05/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll **Work Order:** 24071451

Client Project: COF-24Q3 **Report Date:** 13-Sep-24

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

Batch 226542 **SampType:** MS Units µg/L

SampID: 24071451-042BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		1.0		**530**	500.0	0	105.9	75	125	08/08/2024
Arsenic		1.0		**484**	500.0	0.8165	96.7	75	125	08/05/2024
Barium		1.0		**2040**	2000	66.36	98.9	75	125	08/05/2024
Beryllium		1.0		**47.7**	50.00	0	95.4	75	125	08/05/2024
Boron		25.0		**498**	500.0	11.49	97.3	75	125	08/05/2024
Cadmium	*	1.0		**47.5**	50.00	0	95.1	75	125	08/05/2024
Chromium		1.5		**171**	200.0	0	85.7	75	125	08/05/2024
Cobalt		1.0		**437**	500.0	0.6914	87.2	75	125	08/05/2024
Lead		1.0		**469**	500.0	0	93.8	75	125	08/05/2024
Lithium	*	3.0		**499**	500.0	7.980	98.2	75	125	08/05/2024
Molybdenum		1.5		**403**	500.0	1.051	80.3	75	125	08/05/2024
Selenium		1.0		**516**	500.0	0	103.3	75	125	08/05/2024
Thallium		2.0		**227**	250.0	0	90.9	75	125	08/05/2024

Batch 226542 **SampType:** MSD Units µg/L RPD Limit **20**

SampID: 24071451-042BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Antimony		1.0		**548**	500.0	0	109.5	529.7	3.32	08/08/2024
Arsenic		1.0		**484**	500.0	0.8165	96.7	484.5	0.01	08/05/2024
Barium		1.0		**2050**	2000	66.36	99.1	2044	0.21	08/05/2024
Beryllium		1.0		**50.6**	50.00	0	101.1	47.71	5.80	08/05/2024
Boron		25.0		**511**	500.0	11.49	99.8	497.9	2.53	08/05/2024
Cadmium	*	1.0		**47.4**	50.00	0	94.8	47.55	0.35	08/05/2024
Chromium		1.5		**175**	200.0	0	87.3	171.5	1.81	08/05/2024
Cobalt		1.0		**445**	500.0	0.6914	88.8	436.6	1.87	08/05/2024
Lead		1.0		**474**	500.0	0	94.8	469.2	1.04	08/05/2024
Lithium	*	3.0		**509**	500.0	7.980	100.1	498.9	1.92	08/05/2024
Molybdenum		1.5		**406**	500.0	1.051	81.0	402.6	0.87	08/05/2024
Selenium		1.0		**517**	500.0	0	103.3	516.4	0.04	08/05/2024
Thallium		2.0		**233**	250.0	0	93.2	227.3	2.45	08/05/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

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Client: Ramboll **Work Order:** 24071451

Client Project: COF-24Q3 **Report Date:** 13-Sep-24

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

Batch 226550 **SampType:** MBLK Units **µg/L**
SampID: MBLK-226550

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	08/09/2024
Arsenic		1.0		**< 1.0**	0.3750	0	0	-100	100	08/06/2024
Barium		1.0		**< 1.0**	0.7000	0	0	-100	100	08/06/2024
Beryllium		1.0		**< 1.0**	0.2500	0	0	-100	100	08/06/2024
Boron		25.0		**< 25.0**	9.250	0	0	-100	100	08/06/2024
Cadmium	*	1.0		**< 1.0**	0.1340	0	0	-100	100	08/06/2024
Chromium		1.5		**< 1.5**	0.7000	0	0	-100	100	08/06/2024
Cobalt		1.0		**< 1.0**	0.1150	0	0	-100	100	08/06/2024
Lead		1.0		**< 1.0**	0.6000	0	0	-100	100	08/06/2024
Molybdenum		1.5		**< 1.5**	0.6000	0	0	-100	100	08/06/2024
Selenium		1.0		**< 1.0**	0.6000	0	0	-100	100	08/06/2024
Thallium		2.0		**< 2.0**	0.9500	0	0	-100	100	08/06/2024

Batch 226550 **SampType:** LCS Units **µg/L**
SampID: LCS-226550

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		1.0		**538**	500.0	0	107.6	80	120	08/09/2024
Arsenic		1.0		**503**	500.0	0	100.6	80	120	08/06/2024
Barium		1.0		**2000**	2000	0	99.9	80	120	08/06/2024
Beryllium		1.0		**53.1**	50.00	0	106.1	80	120	08/06/2024
Boron		25.0		**533**	500.0	0	106.7	80	120	08/06/2024
Cadmium	*	1.0		**51.7**	50.00	0	103.4	80	120	08/06/2024
Chromium		1.5		**195**	200.0	0	97.6	80	120	08/06/2024
Cobalt		1.0		**500**	500.0	0	100.1	80	120	08/06/2024
Lead		1.0		**487**	500.0	0	97.5	80	120	08/08/2024
Molybdenum		1.5		**462**	500.0	0	92.4	80	120	08/06/2024
Selenium		1.0		**525**	500.0	0	105.0	80	120	08/06/2024
Thallium		2.0		**213**	250.0	0	85.2	80	120	08/06/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

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Client: Ramboll
Work Order: 24071451
Client Project: COF-24Q3
Report Date: 13-Sep-24

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

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
Aluminum		25.0		**< 25.0**	12.50	0	0	-100	100	08/06/2024
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	08/06/2024
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
Beryllium		1.0		**< 1.0**	0.2500	0	0	-100	100	08/06/2024
Boron		25.0		**< 25.0**	9.250	0	0	-100	100	08/06/2024
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
Iron		25.0		**< 25.0**	11.50	0	0	-100	100	08/05/2024
Lead		1.0		**< 1.0**	0.6000	0	0	-100	100	08/05/2024
Lithium	*	3.0		**< 3.0**	1.450	0	0	-100	100	08/06/2024
Manganese		2.0		**< 2.0**	0.7500	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
Vanadium		5.0		**< 5.0**	5.000	0	0	-100	100	08/05/2024
Zinc		15.0		**< 15.0**	5.900	0	0	-100	100	08/05/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll
Work Order: 24071451
Client Project: COF-24Q3
Report Date: 13-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
Aluminum		25.0		**2090**	2000	0	104.4	80	120	08/06/2024
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
Arsenic		1.0		**514**	500.0	0	102.8	80	120	08/06/2024
Barium		1.0		**2150**	2000	0	107.6	80	120	08/05/2024
Beryllium		1.0		**50.5**	50.00	0	101.0	80	120	08/06/2024
Boron		25.0		**505**	500.0	0	101.1	80	120	08/06/2024
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
Iron		25.0		**2240**	2000	0	112.1	80	120	08/06/2024
Lead		1.0		**509**	500.0	0	101.9	80	120	08/06/2024
Lead		1.0	S	**600**	500.0	0	120.1	80	120	08/05/2024
Lithium	*	3.0		**518**	500.0	0	103.6	80	120	08/06/2024
Manganese		2.0		**530**	500.0	0	106.0	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
Vanadium		5.0		**513**	500.0	0	102.6	80	120	08/05/2024
Zinc		15.0		**542**	500.0	0	108.4	80	120	08/05/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 24071451
Client Project: COF-24Q3
Report Date: 13-Sep-24

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

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
Aluminum		25.0		**2150**	2000	39.01	105.3	75	125	08/06/2024
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
Iron		25.0		**2230**	2000	43.26	109.2	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
Manganese		2.0		**521**	500.0	13.24	101.5	75	125	08/06/2024
Molybdenum		1.5		**469**	500.0	0	93.9	75	125	08/06/2024
Nickel		1.0		**484**	500.0	1.259	96.6	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
Vanadium		5.0		**494**	500.0	0	98.8	75	125	08/06/2024
Zinc		15.0		**501**	500.0	0	100.3	75	125	08/06/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll
Work Order: 24071451
Client Project: COF-24Q3
Report Date: 13-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
Aluminum		25.0		**2100**	2000	39.01	102.8	2145	2.32	08/06/2024
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
Iron		25.0		**2150**	2000	43.26	105.2	2228	3.71	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
Manganese		2.0		**509**	500.0	13.24	99.1	520.6	2.33	08/06/2024
Molybdenum		1.5		**472**	500.0	0	94.5	469.5	0.60	08/06/2024
Nickel		1.0		**480**	500.0	1.259	95.8	484.5	0.91	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
Vanadium		5.0		**487**	500.0	0	97.5	493.8	1.29	08/06/2024
Zinc		15.0		**495**	500.0	0	99.0	501.4	1.32	08/06/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll **Work Order:** 24071451

Client Project: COF-24Q3 **Report Date:** 13-Sep-24

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

Batch 226612 **SampType:** MBLK Units µg/L

SampID: MBLK-226612

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	08/08/2024
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
Beryllium		1.0		**< 1.0**	0.2500	0	0	-100	100	08/05/2024
Boron		25.0		**< 25.0**	9.250	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
Lithium	*	3.0		**< 3.0**	1.450	0	0	-100	100	08/08/2024
Molybdenum		1.5		**< 1.5**	0.6000	0	0	-100	100	08/06/2024
Selenium		1.0		**< 1.0**	0.6000	0	0	-100	100	08/05/2024
Thallium		2.0		**< 2.0**	0.9500	0	0	-100	100	08/05/2024

Batch 226612 **SampType:** LCS Units µg/L

SampID: LCS-226612

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		1.0		**546**	500.0	0	109.3	80	120	08/08/2024
Arsenic		1.0		**503**	500.0	0	100.5	80	120	08/05/2024
Barium		1.0		**2060**	2000	0	102.8	80	120	08/05/2024
Beryllium		1.0		**47.8**	50.00	0	95.6	80	120	08/05/2024
Boron		25.0		**501**	500.0	0	100.2	80	120	08/05/2024
Cadmium	*	1.0		**49.1**	50.00	0	98.1	80	120	08/05/2024
Chromium		1.5		**184**	200.0	0	92.1	80	120	08/05/2024
Cobalt		1.0		**475**	500.0	0	95.1	80	120	08/05/2024
Lead		1.0		**484**	500.0	0	96.8	80	120	08/05/2024
Lithium	*	3.0		**515**	500.0	0	102.9	80	120	08/08/2024
Molybdenum		1.5		**449**	500.0	0	89.8	80	120	08/06/2024
Selenium		1.0		**544**	500.0	0	108.7	80	120	08/05/2024
Thallium		2.0		**235**	250.0	0	94.1	80	120	08/05/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 24071451
Client Project: COF-24Q3
Report Date: 13-Sep-24

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

Batch 226612 **SampType:** MS Units **µg/L**
SampID: 24071451-077BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		1.0		**542**	500.0	0.4677	108.4	75	125	08/08/2024
Arsenic		1.0		**519**	500.0	0	103.8	75	125	08/05/2024
Barium		1.0		**2240**	2000	129.2	105.8	75	125	08/05/2024
Beryllium		1.0		**51.5**	50.00	0	103.0	75	125	08/05/2024
Boron		25.0		**536**	500.0	25.54	102.2	75	125	08/05/2024
Cadmium	*	1.0		**50.6**	50.00	0	101.2	75	125	08/05/2024
Chromium		1.5		**187**	200.0	0	93.4	75	125	08/05/2024
Cobalt		1.0		**474**	500.0	0.4633	94.7	75	125	08/05/2024
Lead		1.0		**501**	500.0	0	100.1	75	125	08/05/2024
Lithium	*	3.0		**521**	500.0	3.259	103.6	75	125	08/08/2024
Molybdenum		1.5		**448**	500.0	1.109	89.4	75	125	08/06/2024
Selenium		1.0		**555**	500.0	0	111.0	75	125	08/05/2024
Thallium		2.0		**245**	250.0	0	98.1	75	125	08/05/2024

Batch 226612 **SampType:** MSD Units **µg/L** RPD Limit **20**
SampID: 24071451-077BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Antimony		1.0		**551**	500.0	0.4677	110.2	542.3	1.68	08/08/2024
Arsenic		1.0		**494**	500.0	0	98.9	519.0	4.85	08/05/2024
Barium		1.0		**2200**	2000	129.2	103.4	2245	2.13	08/05/2024
Beryllium		1.0		**52.1**	50.00	0	104.3	51.51	1.20	08/05/2024
Boron		25.0		**534**	500.0	25.54	101.7	536.3	0.40	08/05/2024
Cadmium	*	1.0		**49.1**	50.00	0	98.1	50.62	3.15	08/05/2024
Chromium		1.5		**181**	200.0	0	90.3	186.9	3.41	08/05/2024
Cobalt		1.0		**454**	500.0	0.4633	90.6	473.8	4.35	08/05/2024
Lead		1.0		**492**	500.0	0	98.3	500.6	1.79	08/05/2024
Lithium	*	3.0		**523**	500.0	3.259	104.0	521.4	0.36	08/08/2024
Molybdenum		1.5		**468**	500.0	2.103	93.3	431.5	8.21	08/06/2024
Selenium		1.0		**528**	500.0	0	105.5	555.0	5.08	08/05/2024
Thallium		2.0		**242**	250.0	0	97.0	245.3	1.16	08/05/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24071451

Client Project: COF-24Q3 **Report Date:** 13-Sep-24

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

Batch 226738 **SampType:** MBLK Units **µg/L**

SampID: MBLK-226738

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	08/08/2024
Arsenic		1.0		**< 1.0**	0.3750	0	0	-100	100	08/08/2024
Barium		1.0		**< 1.0**	0.7000	0	0	-100	100	08/08/2024
Beryllium		1.0		**< 1.0**	0.2500	0	0	-100	100	08/08/2024
Boron		25.0		**< 25.0**	9.250	0	0	-100	100	08/08/2024
Cadmium	*	1.0		**< 1.0**	0.1340	0	0	-100	100	08/08/2024
Chromium		1.5		**< 1.5**	0.7000	0	0	-100	100	08/08/2024
Cobalt		1.0		**< 1.0**	0.1150	0	0	-100	100	08/08/2024
Copper	*	1.0		**< 1.0**	0.2980	0	0	-100	100	08/08/2024
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	08/08/2024
Lithium	*	3.0		**< 3.0**	1.450	0	0	-100	100	08/08/2024
Manganese		2.0		**< 2.0**	0.7500	0	0	-100	100	08/08/2024
Molybdenum		1.5		**< 1.5**	0.6000	0	0	-100	100	08/09/2024
Nickel		1.0		**< 1.0**	0.4300	0	0	-100	100	08/08/2024
Selenium		1.0		**< 1.0**	0.6000	0	0	-100	100	08/08/2024
Silver		1.0		**< 1.0**	0.1110	0	0	-100	100	08/08/2024
Thallium		2.0		**< 2.0**	0.9500	0	0	-100	100	08/08/2024
Zinc		15.0		**< 15.0**	5.900	0	0	-100	100	08/08/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24071451

Client Project: COF-24Q3 **Report Date:** 13-Sep-24

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

Batch 226738 **SampType:** LCS Units **µg/L**
SampID: LCS-226738

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		1.0		**539**	500.0	0	107.9	80	120	08/08/2024
Arsenic		1.0		**530**	500.0	0	105.9	80	120	08/08/2024
Barium		1.0		**2100**	2000	0	104.9	80	120	08/08/2024
Beryllium		1.0		**50.2**	50.00	0	100.5	80	120	08/08/2024
Boron		25.0		**529**	500.0	0	105.8	80	120	08/09/2024
Boron		25.0		**518**	500.0	0	103.5	80	120	08/08/2024
Cadmium	*	1.0		**50.4**	50.00	0	100.9	80	120	08/08/2024
Chromium		1.5		**208**	200.0	0	104.2	80	120	08/08/2024
Cobalt		1.0		**525**	500.0	0	104.9	80	120	08/08/2024
Copper	*	1.0		**255**	250.0	0	102.1	80	120	08/08/2024
Iron		25.0		**2260**	2000	0	113.1	80	120	08/09/2024
Lead		1.0		**495**	500.0	0	98.9	80	120	08/08/2024
Lithium	*	3.0		**521**	500.0	0	104.2	80	120	08/08/2024
Lithium	*	3.0		**538**	500.0	0	107.5	80	120	08/09/2024
Manganese		2.0		**520**	500.0	0	104.1	80	120	08/08/2024
Molybdenum		1.5		**477**	500.0	0	95.4	80	120	08/09/2024
Nickel		1.0		**514**	500.0	0	102.8	80	120	08/08/2024
Selenium		1.0		**531**	500.0	0	106.2	80	120	08/08/2024
Silver		1.0		**50.9**	50.00	0	101.7	80	120	08/08/2024
Thallium		2.0		**248**	250.0	0	99.2	80	120	08/08/2024
Zinc		15.0		**514**	500.0	0	102.9	80	120	08/08/2024

Batch 226738 **SampType:** MS Units **µg/L**
SampID: 24071451-012CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Boron		25.0		**556**	500.0	0	111.2	75	125	08/08/2024

Batch 226738 **SampType:** MSD Units **µg/L** RPD Limit **20**
SampID: 24071451-012CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Boron		25.0		**539**	500.0	0	107.8	556.1	3.13	08/08/2024

Batch 226738 **SampType:** MS Units **µg/L**
SampID: 24071451-030CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Iron		25.0		**2400**	2000	208.2	109.7	75	125	08/09/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 24071451
Client Project: COF-24Q3
Report Date: 13-Sep-24

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

Batch 226738 **SampType:** MSD Units µg/L RPD Limit 20
SampID: 24071451-030CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Iron		25.0		**2450**	2000	208.2	111.9	2403	1.75	08/09/2024

Batch 226774 **SampType:** MBLK Units µg/L
SampID: MBLK-226774

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		1.0	S	**2.6**	0.4500	0	568.1	-100	100	08/09/2024
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	08/09/2024
Barium		1.0		**< 1.0**	0.7000	0	0	-100	100	08/09/2024
Beryllium		1.0		**< 1.0**	0.2500	0	0	-100	100	08/09/2024
Boron		25.0		**< 25.0**	9.250	0	0	-100	100	08/09/2024
Cadmium	*	1.0		**< 1.0**	0.1340	0	0	-100	100	08/09/2024
Chromium		1.5		**< 1.5**	0.7000	0	0	-100	100	08/09/2024
Cobalt		1.0		**< 1.0**	0.1150	0	0	-100	100	08/09/2024
Lead		1.0		**< 1.0**	0.6000	0	0	-100	100	08/09/2024
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	08/09/2024
Selenium		1.0		**< 1.0**	0.6000	0	0	-100	100	08/09/2024
Thallium		2.0		**< 2.0**	0.9500	0	0	-100	100	08/09/2024

Batch 226774 **SampType:** LCS Units µg/L
SampID: LCS-226774

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		1.0	B	**573**	500.0	0	114.6	80	120	08/09/2024
Arsenic		1.0		**549**	500.0	0	109.9	80	120	08/09/2024
Barium		1.0		**2220**	2000	0	110.9	80	120	08/09/2024
Beryllium		1.0		**47.2**	50.00	0	94.3	80	120	08/09/2024
Boron		25.0		**490**	500.0	0	98.0	80	120	08/09/2024
Cadmium	*	1.0		**51.2**	50.00	0	102.5	80	120	08/09/2024
Chromium		1.5		**199**	200.0	0	99.3	80	120	08/09/2024
Cobalt		1.0		**524**	500.0	0	104.9	80	120	08/09/2024
Lead		1.0		**519**	500.0	0	103.7	80	120	08/09/2024
Lithium	*	3.0		**567**	500.0	0	113.4	80	120	08/12/2024
Molybdenum		1.5		**480**	500.0	0	96.1	80	120	08/09/2024
Selenium		1.0		**593**	500.0	0	118.5	80	120	08/09/2024
Thallium		2.0		**255**	250.0	0	101.9	80	120	08/09/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll **Work Order:** 24071451

Client Project: COF-24Q3 **Report Date:** 13-Sep-24

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

Batch 226774 **SampType:** MS Units **µg/L**

SampID: 24071451-101BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		1.0	B	**563**	500.0	0.5734	112.5	75	125	08/09/2024
Arsenic		1.0		**544**	500.0	0	108.7	75	125	08/09/2024
Barium		1.0		**2120**	2000	13.28	105.6	75	125	08/09/2024
Beryllium		1.0		**46.1**	50.00	0	92.2	75	125	08/09/2024
Boron		25.0		**2510**	500.0	2066	88.4	75	125	08/09/2024
Cadmium	*	1.0		**48.8**	50.00	0	97.6	75	125	08/09/2024
Chromium		1.5		**186**	200.0	0	93.2	75	125	08/09/2024
Cobalt		1.0		**488**	500.0	1.189	97.4	75	125	08/09/2024
Lead		1.0		**503**	500.0	0	100.7	75	125	08/09/2024
Lithium	*	3.0		**532**	500.0	4.417	105.6	75	125	08/12/2024
Molybdenum		1.5		**476**	500.0	0	95.2	75	125	08/09/2024
Selenium		1.0		**560**	500.0	0	111.9	75	125	08/09/2024
Thallium		2.0		**247**	250.0	0	98.8	75	125	08/09/2024

Batch 226774 **SampType:** MSD Units **µg/L** RPD Limit **20**

SampID: 24071451-101BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Antimony		1.0	B	**591**	500.0	0.5734	118.0	563.2	4.78	08/09/2024
Arsenic		1.0		**547**	500.0	0	109.4	543.5	0.63	08/09/2024
Barium		1.0		**2210**	2000	13.28	109.8	2124	3.89	08/09/2024
Beryllium		1.0		**47.6**	50.00	0	95.1	46.09	3.12	08/09/2024
Boron		25.0		**2540**	500.0	2066	94.0	2508	1.13	08/09/2024
Cadmium	*	1.0		**51.5**	50.00	0	103.1	48.80	5.49	08/09/2024
Chromium		1.5		**193**	200.0	0	96.5	186.4	3.42	08/09/2024
Cobalt		1.0		**510**	500.0	1.189	101.7	488.3	4.32	08/09/2024
Lead		1.0		**518**	500.0	0	103.6	503.4	2.84	08/09/2024
Lithium	*	3.0		**570**	500.0	4.417	113.1	532.4	6.79	08/12/2024
Molybdenum		1.5		**498**	500.0	0	99.6	475.9	4.53	08/09/2024
Selenium		1.0		**565**	500.0	0	113.0	559.5	0.95	08/09/2024
Thallium		2.0		**254**	250.0	0	101.8	246.9	3.01	08/09/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll
Work Order: 24071451
Client Project: COF-24Q3
Report Date: 13-Sep-24

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

Batch 226782 **SampType:** MBLK Units **µg/L**
SampID: MBLK-226782

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		25.0		**< 25.0**	12.50	0	0	-100	100	08/09/2024
Antimony		1.0		**< 1.0**	0.4500	0	0	-100	100	08/09/2024
Arsenic		1.0		**< 1.0**	0.3750	0	0	-100	100	08/09/2024
Barium		1.0		**< 1.0**	0.7000	0	0	-100	100	08/09/2024
Beryllium		1.0		**< 1.0**	0.2500	0	0	-100	100	08/09/2024
Boron		25.0		**< 25.0**	9.250	0	0	-100	100	08/09/2024
Cadmium	*	1.0		**< 1.0**	0.1340	0	0	-100	100	08/09/2024
Chromium		1.5		**< 1.5**	0.7000	0	0	-100	100	08/09/2024
Cobalt		1.0		**< 1.0**	0.1150	0	0	-100	100	08/09/2024
Copper	*	1.0		**< 1.0**	0.2980	0	0	-100	100	08/09/2024
Iron		25.0		**< 25.0**	11.50	0	0	-100	100	08/12/2024
Lead		1.0		**< 1.0**	0.6000	0	0	-100	100	08/09/2024
Lithium	*	3.0		**< 3.0**	1.450	0	0	-100	100	08/09/2024
Manganese		2.0		**< 2.0**	0.7500	0	0	-100	100	08/09/2024
Molybdenum		1.5		**< 1.5**	0.6000	0	0	-100	100	08/09/2024
Nickel		1.0		**< 1.0**	0.4300	0	0	-100	100	08/09/2024
Selenium		1.0		**< 1.0**	0.6000	0	0	-100	100	08/09/2024
Silver		1.0		**< 1.0**	0.1110	0	0	-100	100	08/09/2024
Thallium		2.0		**< 2.0**	0.9500	0	0	-100	100	08/09/2024
Vanadium		5.0		**< 5.0**	5.000	0	0	-100	100	08/09/2024
Zinc		15.0		**< 15.0**	5.900	0	0	-100	100	08/12/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24071451

Client Project: COF-24Q3 **Report Date:** 13-Sep-24

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

Batch 226782 **SampType:** LCS Units **µg/L**

SampID: LCS-226782

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		25.0		**2100**	2000	0	104.8	80	120	08/09/2024
Antimony		1.0		**580**	500.0	0	116.0	80	120	08/12/2024
Antimony		1.0	S	**620**	500.0	0	124.0	80	120	08/09/2024
Arsenic		1.0		**549**	500.0	0	109.9	80	120	08/09/2024
Barium		1.0		**2320**	2000	0	116.1	80	120	08/09/2024
Beryllium		1.0		**43.4**	50.00	0	86.9	80	120	08/09/2024
Boron		25.0		**433**	500.0	0	86.6	80	120	08/09/2024
Cadmium	*	1.0		**51.6**	50.00	0	103.2	80	120	08/09/2024
Chromium		1.5		**200**	200.0	0	100.0	80	120	08/09/2024
Cobalt		1.0		**529**	500.0	0	105.8	80	120	08/09/2024
Copper	*	1.0		**247**	250.0	0	98.9	80	120	08/09/2024
Iron		25.0		**2230**	2000	0	111.3	80	120	08/12/2024
Lead		1.0		**526**	500.0	0	105.1	80	120	08/09/2024
Lithium	*	3.0		**532**	500.0	0	106.4	80	120	08/09/2024
Manganese		2.0		**592**	500.0	0	118.4	80	120	08/09/2024
Molybdenum		1.5		**483**	500.0	0	96.6	80	120	08/09/2024
Nickel		1.0		**560**	500.0	0	111.9	80	120	08/09/2024
Selenium		1.0		**585**	500.0	0	117.1	80	120	08/09/2024
Silver		1.0		**50.4**	50.00	0	100.9	80	120	08/09/2024
Thallium		2.0		**258**	250.0	0	103.1	80	120	08/09/2024
Vanadium		5.0		**562**	500.0	0	112.4	80	120	08/09/2024
Zinc		15.0		**533**	500.0	0	106.6	80	120	08/12/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll
Work Order: 24071451
Client Project: COF-24Q3
Report Date: 13-Sep-24

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

Batch 226782 **SampType:** MS Units **µg/L**
SampID: 24071451-038CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		25.0		**1970**	2000	33.06	96.8	75	125	08/09/2024
Antimony		1.0		**572**	500.0	0	114.4	75	125	08/09/2024
Arsenic		1.0		**538**	500.0	1.876	107.3	75	125	08/09/2024
Barium		1.0		**2200**	2000	29.61	108.4	75	125	08/09/2024
Beryllium		1.0		**43.7**	50.00	0	87.4	75	125	08/09/2024
Boron		25.0		**1090**	500.0	576.0	102.7	75	125	08/09/2024
Cadmium	*	1.0		**50.5**	50.00	0	101.0	75	125	08/09/2024
Chromium		1.5		**186**	200.0	0	93.2	75	125	08/09/2024
Cobalt		1.0		**502**	500.0	0.4437	100.3	75	125	08/09/2024
Copper	*	1.0		**222**	250.0	0	88.7	75	125	08/09/2024
Iron		25.0		**4300**	2000	1931	118.3	75	125	08/12/2024
Lead		1.0		**510**	500.0	0	102.1	75	125	08/09/2024
Lithium	*	3.0		**589**	500.0	6.682	116.5	75	125	08/09/2024
Manganese		2.0		**1100**	500.0	513.3	116.4	75	125	08/12/2024
Molybdenum		1.5		**485**	500.0	0	96.9	75	125	08/09/2024
Nickel		1.0		**501**	500.0	0	100.2	75	125	08/09/2024
Selenium		1.0		**552**	500.0	0	110.3	75	125	08/09/2024
Silver		1.0		**47.6**	50.00	0	95.1	75	125	08/09/2024
Thallium		2.0		**253**	250.0	0	101.4	75	125	08/09/2024
Vanadium		5.0		**533**	500.0	0	106.7	75	125	08/09/2024
Zinc		15.0		**510**	500.0	0	102.0	75	125	08/12/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24071451

Client Project: COF-24Q3 **Report Date:** 13-Sep-24

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

Batch **226782** **SampType:** **MSD** Units **µg/L** RPD Limit **20**

SampID: 24071451-038CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Aluminum		25.0		**1980**	2000	33.06	97.2	1968	0.42	08/09/2024
Antimony		1.0		**570**	500.0	0	114.1	571.9	0.25	08/09/2024
Arsenic		1.0		**531**	500.0	1.876	105.9	538.2	1.26	08/09/2024
Barium		1.0		**2160**	2000	29.61	106.4	2198	1.91	08/09/2024
Beryllium		1.0		**43.7**	50.00	0	87.5	43.70	0.11	08/09/2024
Boron		25.0		**1080**	500.0	576.0	101.0	1090	0.79	08/09/2024
Cadmium	*	1.0		**49.8**	50.00	0	99.6	50.48	1.35	08/09/2024
Chromium		1.5		**187**	200.0	0	93.3	186.4	0.08	08/09/2024
Cobalt		1.0		**496**	500.0	0.4437	99.0	502.0	1.30	08/09/2024
Copper	*	1.0		**220**	250.0	0	88.1	221.8	0.65	08/09/2024
Iron		25.0		**4420**	2000	1931	124.4	4297	2.80	08/12/2024
Lead		1.0		**513**	500.0	0	102.7	510.5	0.57	08/09/2024
Lithium	*	3.0		**575**	500.0	6.682	113.6	589.1	2.49	08/09/2024
Manganese		2.0		**1130**	500.0	513.3	122.5	1095	2.74	08/12/2024
Molybdenum		1.5		**480**	500.0	0	96.0	484.6	0.99	08/09/2024
Nickel		1.0		**499**	500.0	0	99.9	501.1	0.34	08/09/2024
Selenium		1.0		**544**	500.0	0	108.7	551.7	1.45	08/09/2024
Silver		1.0		**47.4**	50.00	0	94.8	47.56	0.33	08/09/2024
Thallium		2.0		**257**	250.0	0	102.8	253.4	1.38	08/09/2024
Vanadium		5.0		**545**	500.0	0	109.0	533.3	2.21	08/09/2024
Zinc		15.0		**518**	500.0	0	103.6	509.8	1.65	08/12/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24071451

Client Project: COF-24Q3 **Report Date:** 13-Sep-24

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

Batch 226782 **SampType:** MS Units **µg/L**

SampID: 24071451-099CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		1.0		**588**	500.0	0	117.6	75	125	08/09/2024
Arsenic		1.0		**566**	500.0	0	113.3	75	125	08/09/2024
Barium		1.0		**2240**	2000	51.94	109.6	75	125	08/09/2024
Beryllium		1.0		**49.9**	50.00	0	99.8	75	125	08/09/2024
Boron		25.0		**511**	500.0	0	102.2	75	125	08/09/2024
Cadmium	*	1.0		**52.1**	50.00	0	104.3	75	125	08/09/2024
Chromium		1.5		**199**	200.0	0	99.5	75	125	08/09/2024
Cobalt		1.0		**507**	500.0	0	101.3	75	125	08/09/2024
Copper	*	1.0		**236**	250.0	0	94.4	75	125	08/09/2024
Lead		1.0		**527**	500.0	0	105.4	75	125	08/09/2024
Lithium	*	3.0		**580**	500.0	5.263	114.9	75	125	08/12/2024
Manganese		2.0		**655**	500.0	91.51	112.6	75	125	08/12/2024
Molybdenum		1.5		**495**	500.0	0	99.1	75	125	08/09/2024
Nickel		1.0		**535**	500.0	0	107.1	75	125	08/09/2024
Selenium		1.0		**600**	500.0	2.409	119.5	75	125	08/09/2024
Silver		1.0		**49.6**	50.00	0	99.3	75	125	08/09/2024
Thallium		2.0		**262**	250.0	0	104.7	75	125	08/09/2024
Vanadium		5.0		**563**	500.0	0	112.6	75	125	08/09/2024
Zinc		15.0		**541**	500.0	0	108.1	75	125	08/12/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

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Client: Ramboll
Work Order: 24071451
Client Project: COF-24Q3
Report Date: 13-Sep-24

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

Batch 226782 **SampType:** MSD Units **µg/L** RPD Limit **20**
SampID: 24071451-099CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Antimony		1.0		**581**	500.0	0	116.3	587.9	1.13	08/09/2024
Arsenic		1.0		**550**	500.0	0	110.1	566.4	2.88	08/09/2024
Barium		1.0		**2240**	2000	51.94	109.6	2244	0.02	08/09/2024
Beryllium		1.0		**48.4**	50.00	0	96.7	49.88	3.07	08/09/2024
Boron		25.0		**517**	500.0	0	103.4	511.2	1.12	08/09/2024
Cadmium	*	1.0		**51.7**	50.00	0	103.3	52.14	0.89	08/09/2024
Chromium		1.5		**202**	200.0	0	100.9	198.9	1.40	08/09/2024
Cobalt		1.0		**511**	500.0	0	102.2	506.7	0.90	08/09/2024
Copper	*	1.0		**231**	250.0	0	92.5	235.9	1.98	08/09/2024
Lead		1.0		**527**	500.0	0	105.4	527.1	0.01	08/09/2024
Lithium	*	3.0		**567**	500.0	5.263	112.3	579.9	2.29	08/12/2024
Manganese		2.0		**638**	500.0	91.51	109.4	654.7	2.54	08/12/2024
Molybdenum		1.5		**490**	500.0	0	98.0	495.4	1.12	08/09/2024
Nickel		1.0		**536**	500.0	0	107.2	535.5	0.13	08/09/2024
Selenium		1.0		**588**	500.0	2.409	117.1	600.1	2.07	08/09/2024
Silver		1.0		**48.9**	50.00	0	97.7	49.64	1.59	08/09/2024
Thallium		2.0		**262**	250.0	0	104.8	261.7	0.11	08/09/2024
Vanadium		5.0		**573**	500.0	0	114.7	562.9	1.83	08/09/2024
Zinc		15.0		**525**	500.0	0	104.9	540.5	2.99	08/12/2024

Batch 226848 **SampType:** MBLK Units **µg/L**
SampID: MBLK-226848

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Copper	*	1.0		**< 1.0**	0.2980	0	0	-100	100	08/09/2024

Batch 226848 **SampType:** LCS Units **µg/L**
SampID: LCS-226848

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Copper	*	1.0		**244**	250.0	0	97.7	80	120	08/09/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24071451

Client Project: COF-24Q3 **Report Date:** 13-Sep-24

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

Batch 226877 **SampType:** MBLK Units **µg/L**

SampID: MBLK-226877

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		25.0		**< 25.0**	12.50	0	0	-100	100	08/12/2024
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
Copper	*	1.0		**< 1.0**	0.2980	0	0	-100	100	08/12/2024
Iron		25.0		**< 25.0**	11.50	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
Manganese		2.0		**< 2.0**	0.7500	0	0	-100	100	08/12/2024
Molybdenum		1.5		**< 1.5**	0.6000	0	0	-100	100	08/12/2024
Nickel		1.0		**< 1.0**	0.4300	0	0	-100	100	08/12/2024
Selenium		1.0		**< 1.0**	0.6000	0	0	-100	100	08/12/2024
Silver		1.0		**< 1.0**	0.1110	0	0	-100	100	08/12/2024
Thallium		2.0		**< 2.0**	0.9500	0	0	-100	100	08/12/2024
Vanadium		5.0		**< 5.0**	5.000	0	0	-100	100	08/12/2024
Zinc		15.0		**< 15.0**	5.900	0	0	-100	100	08/12/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24071451

Client Project: COF-24Q3 **Report Date:** 13-Sep-24

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

Batch 226877 **SampType:** LCS Units **µg/L**

SampID: LCS-226877

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		25.0		**1870**	2000	0	93.3	80	120	08/12/2024
Antimony		1.0		**511**	500.0	0	102.1	80	120	08/12/2024
Arsenic		1.0		**469**	500.0	0	93.7	80	120	08/12/2024
Barium		1.0		**1890**	2000	0	94.5	80	120	08/12/2024
Beryllium		1.0		**47.7**	50.00	0	95.3	80	120	08/12/2024
Boron		25.0		**467**	500.0	0	93.3	80	120	08/12/2024
Cadmium	*	1.0		**47.0**	50.00	0	93.9	80	120	08/12/2024
Chromium		1.5		**197**	200.0	0	98.3	80	120	08/12/2024
Cobalt		1.0		**469**	500.0	0	93.8	80	120	08/12/2024
Copper	*	1.0		**231**	250.0	0	92.4	80	120	08/12/2024
Iron		25.0		**1940**	2000	0	97.1	80	120	08/12/2024
Lead		1.0		**450**	500.0	0	90.0	80	120	08/12/2024
Lithium	*	3.0		**507**	500.0	0	101.4	80	120	08/12/2024
Manganese		2.0		**473**	500.0	0	94.7	80	120	08/12/2024
Molybdenum		1.5		**420**	500.0	0	83.9	80	120	08/12/2024
Nickel		1.0		**461**	500.0	0	92.2	80	120	08/12/2024
Selenium		1.0		**461**	500.0	0	92.2	80	120	08/12/2024
Silver		1.0		**51.0**	50.00	0	101.9	80	120	08/12/2024
Thallium		2.0		**209**	250.0	0	83.4	80	120	08/12/2024
Vanadium		5.0		**473**	500.0	0	94.6	80	120	08/12/2024
Zinc		15.0		**460**	500.0	0	92.0	80	120	08/12/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll
Work Order: 24071451
Client Project: COF-24Q3
Report Date: 13-Sep-24

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

Batch 226881 **SampType:** MBLK Units **µg/L**
SampID: MBLK-226881

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		25.0		**< 25.0**	12.50	0	0	-100	100	08/12/2024
Antimony		1.0	S	**1.2**	0.4500	0	261.1	-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
Copper	*	1.0		**< 1.0**	0.2980	0	0	-100	100	08/12/2024
Iron		25.0		**< 25.0**	11.50	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
Manganese		2.0		**< 2.0**	0.7500	0	0	-100	100	08/12/2024
Molybdenum		1.5		**< 1.5**	0.6000	0	0	-100	100	08/12/2024
Nickel		1.0		**< 1.0**	0.4300	0	0	-100	100	08/12/2024
Selenium		1.0		**< 1.0**	0.6000	0	0	-100	100	08/12/2024
Silver		1.0		**< 1.0**	0.1110	0	0	-100	100	08/12/2024
Thallium		2.0		**< 2.0**	0.9500	0	0	-100	100	08/12/2024
Vanadium		5.0	J	**4.3**	5.000	0	86.0	-100	100	08/12/2024
Zinc		15.0		**< 15.0**	5.900	0	0	-100	100	08/12/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll
Work Order: 24071451
Client Project: COF-24Q3
Report Date: 13-Sep-24

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

Batch 226881 **SampType:** LCS Units **µg/L**
SampID: LCS-226881

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		25.0		**1840**	2000	0	91.8	80	120	08/12/2024
Antimony		1.0	B	**510**	500.0	0	101.9	80	120	08/12/2024
Arsenic		1.0		**468**	500.0	0	93.6	80	120	08/12/2024
Barium		1.0		**1900**	2000	0	95.0	80	120	08/12/2024
Beryllium		1.0		**48.8**	50.00	0	97.6	80	120	08/12/2024
Boron		25.0		**515**	500.0	0	103.0	80	120	08/12/2024
Cadmium	*	1.0		**48.2**	50.00	0	96.3	80	120	08/12/2024
Chromium		1.5		**199**	200.0	0	99.3	80	120	08/12/2024
Cobalt		1.0		**465**	500.0	0	93.0	80	120	08/12/2024
Copper	*	1.0		**231**	250.0	0	92.3	80	120	08/12/2024
Iron		25.0		**2030**	2000	0	101.4	80	120	08/12/2024
Lead		1.0		**464**	500.0	0	92.8	80	120	08/12/2024
Lithium	*	3.0		**518**	500.0	0	103.6	80	120	08/12/2024
Manganese		2.0		**477**	500.0	0	95.4	80	120	08/12/2024
Molybdenum		1.5		**412**	500.0	0	82.5	80	120	08/12/2024
Nickel		1.0		**462**	500.0	0	92.4	80	120	08/12/2024
Selenium		1.0		**469**	500.0	0	93.8	80	120	08/12/2024
Silver		1.0		**49.3**	50.00	0	98.7	80	120	08/12/2024
Thallium		2.0		**223**	250.0	0	89.2	80	120	08/12/2024
Vanadium		5.0	B	**484**	500.0	0	96.8	80	120	08/12/2024
Zinc		15.0		**464**	500.0	0	92.8	80	120	08/12/2024

Batch 226881 **SampType:** MS Units **µg/L**
SampID: 24071451-087BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Arsenic		1.0		**500**	500.0	1.969	99.6	75	125	08/13/2024

Batch 226881 **SampType:** MSD Units **µg/L** RPD Limit **20**
SampID: 24071451-087BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Arsenic		1.0		**485**	500.0	1.969	96.6	500.1	3.11	08/13/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll **Work Order:** 24071451

Client Project: COF-24Q3 **Report Date:** 13-Sep-24

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

Batch 227725 **SampType:** MBLK Units **µg/L**
SampID: MBLK-227725

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		25.0		**< 25.0**	12.50	0	0	-100	100	09/04/2024
Antimony		1.0	S	**2.1**	0.4500	0	463.4	-100	100	08/29/2024
Antimony		1.0		**< 1.0**	0.4500	0	0	-100	100	08/30/2024
Boron		25.0		**< 25.0**	9.250	0	0	-100	100	08/30/2024
Cadmium	*	1.0		**< 1.0**	0.1340	0	0	-100	100	08/29/2024
Chromium		1.5		**< 1.5**	0.7000	0	0	-100	100	08/29/2024
Cobalt		1.0		**< 1.0**	0.1150	0	0	-100	100	08/29/2024
Copper	*	1.0		**< 1.0**	0.2980	0	0	-100	100	08/29/2024
Iron		25.0		**< 25.0**	11.50	0	0	-100	100	08/30/2024
Lead		1.0		**< 1.0**	0.6000	0	0	-100	100	08/29/2024
Manganese		2.0		**< 2.0**	0.7500	0	0	-100	100	08/29/2024
Nickel		1.0		**< 1.0**	0.4300	0	0	-100	100	08/29/2024
Thallium		2.0		**< 2.0**	0.9500	0	0	-100	100	08/30/2024
Vanadium		5.0		**< 5.0**	5.000	0	0	-100	100	08/29/2024
Zinc		15.0		**< 15.0**	5.900	0	0	-100	100	08/29/2024

Batch 227725 **SampType:** LCS Units **µg/L**
SampID: LCS-227725

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		25.0		**1950**	2000	0	97.7	80	120	09/04/2024
Antimony		1.0	B	**560**	500.0	0	112.0	80	120	08/29/2024
Boron		25.0		**569**	500.0	0	113.8	80	120	08/30/2024
Cadmium	*	1.0		**47.1**	50.00	0	94.2	80	120	08/29/2024
Chromium		1.5		**195**	200.0	0	97.7	80	120	08/29/2024
Cobalt		1.0		**492**	500.0	0	98.4	80	120	08/29/2024
Copper	*	1.0		**236**	250.0	0	94.5	80	120	08/29/2024
Iron		25.0		**2140**	2000	0	107.0	80	120	08/30/2024
Lead		1.0		**473**	500.0	0	94.6	80	120	08/29/2024
Manganese		2.0		**536**	500.0	0	107.1	80	120	08/29/2024
Nickel		1.0		**477**	500.0	0	95.4	80	120	08/29/2024
Thallium		2.0		**271**	250.0	0	108.4	80	120	08/30/2024
Vanadium		5.0		**499**	500.0	0	99.8	80	120	08/29/2024
Zinc		15.0		**497**	500.0	0	99.5	80	120	08/29/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll **Work Order:** 24071451

Client Project: COF-24Q3 **Report Date:** 13-Sep-24

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

Batch 227726 **SampType:** MBLK Units **µg/L**
SampID: MBLK-227726

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	08/29/2024
Boron		25.0		**< 25.0**	9.250	0	0	-100	100	08/30/2024
Boron		25.0		**< 25.0**	9.250	0	0	-100	100	09/04/2024
Cobalt		1.0		**< 1.0**	0.1150	0	0	-100	100	08/29/2024
Iron		25.0		**< 25.0**	11.50	0	0	-100	100	08/30/2024
Lead		1.0		**< 1.0**	0.6000	0	0	-100	100	08/29/2024
Thallium		2.0		**< 2.0**	0.9500	0	0	-100	100	08/30/2024

Batch 227726 **SampType:** LCS Units **µg/L**
SampID: LCS-227726

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		25.0		**2110**	2000	0	105.5	80	120	09/03/2024
Antimony		1.0		**536**	500.0	0	107.3	80	120	09/03/2024
Arsenic		1.0		**542**	500.0	0	108.5	80	120	08/29/2024
Boron		25.0		**510**	500.0	0	102.0	80	120	09/04/2024
Cobalt		1.0		**477**	500.0	0	95.5	80	120	08/29/2024
Iron		25.0		**2050**	2000	0	102.7	80	120	09/03/2024
Lead		1.0		**483**	500.0	0	96.6	80	120	08/29/2024
Thallium		2.0		**222**	250.0	0	88.7	80	120	09/03/2024

Batch 227779 **SampType:** MBLK Units **µg/L**
SampID: MBLK-227779

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Lead		1.0		**< 1.0**	0.6000	0	0	-100	100	09/03/2024
Zinc		15.0		**< 15.0**	5.900	0	0	-100	100	09/03/2024

Batch 227779 **SampType:** LCS Units **µg/L**
SampID: LCS-227779

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Lead		1.0		**529**	500.0	0	105.7	80	120	09/03/2024
Zinc		15.0		**507**	500.0	0	101.5	80	120	09/03/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll **Work Order:** 24071451

Client Project: COF-24Q3 **Report Date:** 13-Sep-24

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

Batch 227783 **SampType:** MBLK Units µg/L
SampID: MBLK-227783

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		25.0		**< 25.0**	12.50	0	0	-100	100	09/03/2024
Antimony		1.0		**< 1.0**	0.4500	0	0	-100	100	09/05/2024
Antimony		1.0	S	**1.0**	0.4500	0	224.5	-100	100	09/03/2024
Boron		25.0		**< 25.0**	9.250	0	0	-100	100	08/30/2024
Chromium		1.5		**< 1.5**	0.7000	0	0	-100	100	09/03/2024
Copper	*	1.0		**< 1.0**	0.2980	0	0	-100	100	09/03/2024
Iron		25.0		**< 25.0**	11.50	0	0	-100	100	09/03/2024
Lead		1.0		**< 1.0**	0.6000	0	0	-100	100	09/03/2024
Nickel		1.0		**< 1.0**	0.4300	0	0	-100	100	09/03/2024
Thallium		2.0		**< 2.0**	0.9500	0	0	-100	100	09/03/2024
Vanadium		5.0		**< 5.0**	5.000	0	0	-100	100	09/03/2024
Zinc		15.0		**< 15.0**	5.900	0	0	-100	100	09/03/2024

Batch 227783 **SampType:** LCS Units µg/L
SampID: LCS-227783

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		25.0		**2090**	2000	0	104.6	80	120	09/03/2024
Antimony		1.0	B	**508**	500.0	0	101.6	80	120	09/03/2024
Boron		25.0		**455**	500.0	0	91.0	80	120	08/30/2024
Chromium		1.5		**203**	200.0	0	101.4	80	120	09/03/2024
Copper	*	1.0		**252**	250.0	0	100.9	80	120	09/03/2024
Iron		25.0		**1970**	2000	0	98.7	80	120	09/03/2024
Lead		1.0		**499**	500.0	0	99.8	80	120	09/03/2024
Nickel		1.0		**500**	500.0	0	100.0	80	120	09/03/2024
Thallium		2.0		**242**	250.0	0	96.7	80	120	09/03/2024
Vanadium		5.0		**511**	500.0	0	102.3	80	120	09/03/2024
Zinc		15.0		**476**	500.0	0	95.2	80	120	09/03/2024

SW-846 7470A (DISSOLVED)

Batch 226496 **SampType:** MS Units µg/L
SampID: 24071451-028DMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.20		**5.08**	5.000	0	101.5	75	125	08/02/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 24071451
Client Project: COF-24Q3
Report Date: 13-Sep-24

SW-846 7470A (DISSOLVED)

Batch 226496 **SampType:** MSD Units µg/L RPD Limit 15
SampID: 24071451-028DMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury		0.20		**4.86**	5.000	0	97.1	5.076	4.43	08/02/2024

Batch 226793 **SampType:** MS Units µg/L
SampID: 24080359-001CMS

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	75	125	08/08/2024

Batch 226793 **SampType:** MSD Units µg/L RPD Limit 15
SampID: 24080359-001CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury		0.20		**5.00**	5.000	0	100.0	5.069	1.39	08/08/2024

Batch 226812 **SampType:** MS Units µg/L
SampID: 24071451-009CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.20		**4.90**	5.000	0	98.0	75	125	08/08/2024

Batch 226812 **SampType:** MSD Units µg/L RPD Limit 15
SampID: 24071451-009CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury		0.20		**5.02**	5.000	0	100.3	4.901	2.32	08/08/2024

Batch 226813 **SampType:** MS Units µg/L
SampID: 24071451-102DMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.20		**4.16**	5.000	0	83.3	75	125	08/08/2024

Batch 226813 **SampType:** MSD Units µg/L RPD Limit 15
SampID: 24071451-102DMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury		0.20		**4.15**	5.000	0	83.1	4.164	0.27	08/08/2024

Batch 226964 **SampType:** MS Units µg/L
SampID: 24071451-100DMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.20		**4.76**	5.000	0	95.2	75	125	08/13/2024

Teklab, Inc.
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Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 24071451
Client Project: COF-24Q3
Report Date: 13-Sep-24

SW-846 7470A (DISSOLVED)

Batch 226964 **SampType:** MSD Units µg/L RPD Limit 15
SampID: 24071451-100DMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury		0.20		**4.78**	5.000	0	95.5	4.760	0.34	08/13/2024

SW-846 7470A (TOTAL)

Batch 226496 **SampType:** MBLK Units µg/L
SampID: MBLK-226496

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	08/02/2024

Batch 226496 **SampType:** LCS Units µg/L
SampID: LCS-226496

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.20		**5.32**	5.000	0	106.5	85	115	08/02/2024

Batch 226496 **SampType:** MS Units µg/L
SampID: 24071451-048CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.20		**4.99**	5.000	0	99.8	75	125	08/02/2024

Batch 226496 **SampType:** MSD Units µg/L RPD Limit 15
SampID: 24071451-048CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury		0.20		**5.07**	5.000	0	101.4	4.992	1.52	08/02/2024

Batch 226518 **SampType:** MBLK Units µg/L
SampID: MBLK-226518

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	08/02/2024

Batch 226518 **SampType:** LCS Units µg/L
SampID: LCS-226518

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.20		**4.75**	5.000	0	95.0	85	115	08/02/2024

Teklab, Inc.
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Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 24071451
Client Project: COF-24Q3
Report Date: 13-Sep-24

SW-846 7470A (TOTAL)

Batch 226541 **SampType:** MS Units µg/L
SampID: 24071451-046CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.20		**5.52**	5.000	0	110.4	75	125	08/05/2024

Batch 226541 **SampType:** MSD Units µg/L RPD Limit **15**
SampID: 24071451-046CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury		0.20		**5.43**	5.000	0	108.7	5.522	1.63	08/05/2024

Batch 226541 **SampType:** MS Units µg/L
SampID: 24071451-072BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.20		**5.34**	5.000	0	106.9	75	125	08/05/2024

Batch 226541 **SampType:** MSD Units µg/L RPD Limit **15**
SampID: 24071451-072BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury		0.20		**5.28**	5.000	0	105.7	5.344	1.14	08/05/2024

Batch 226645 **SampType:** MBLK Units µg/L
SampID: MBLK-226645

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	08/06/2024

Batch 226645 **SampType:** LCS Units µg/L
SampID: LCS-226645

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.20		**4.78**	5.000	0	95.6	85	115	08/06/2024

Batch 226645 **SampType:** MS Units µg/L
SampID: 24071451-054CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.20	S	**1.41**	5.000	0	28.1	75	125	08/06/2024

Batch 226645 **SampType:** MSD Units µg/L RPD Limit **15**
SampID: 24071451-054CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury		0.20	S	**1.22**	5.000	0	24.4	1.406	14.03	08/06/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll
Work Order: 24071451
Client Project: COF-24Q3
Report Date: 13-Sep-24

SW-846 7470A (TOTAL)

Batch 226758 **SampType:** MBLK Units µg/L
SampID: MBLK-226758

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	08/07/2024

Batch 226758 **SampType:** LCS Units µg/L
SampID: LCS-226758

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.20		**4.97**	5.000	0	99.4	85	115	08/07/2024

Batch 226758 **SampType:** MS Units µg/L
SampID: 24071451-073BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.20		**4.45**	5.000	0	88.9	75	125	08/07/2024

Batch 226758 **SampType:** MSD Units µg/L RPD Limit **15**
SampID: 24071451-073BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury		0.20		**4.32**	5.000	0	86.5	4.445	2.77	08/07/2024

Batch 226762 **SampType:** MBLK Units µg/L
SampID: MBLK-226762

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	08/07/2024

Batch 226762 **SampType:** LCS Units µg/L
SampID: LCS-226762

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.20		**4.43**	5.000	0	88.7	85	115	08/07/2024

Batch 226762 **SampType:** MS Units µg/L
SampID: 24071451-025CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.20		**5.20**	5.000	0	104.1	75	125	08/08/2024

Batch 226762 **SampType:** MSD Units µg/L RPD Limit **15**
SampID: 24071451-025CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury		0.20		**5.17**	5.000	0	103.4	5.203	0.64	08/08/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 24071451
Client Project: COF-24Q3
Report Date: 13-Sep-24

SW-846 7470A (TOTAL)

Batch 226762 **SampType:** MS Units µg/L
SampID: 24071451-034CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.20		**5.38**	5.000	0	107.5	75	125	08/08/2024

Batch 226762 **SampType:** MSD Units µg/L RPD Limit **15**
SampID: 24071451-034CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury		0.20		**5.43**	5.000	0	108.6	5.376	0.98	08/08/2024

Batch 226776 **SampType:** MBLK Units µg/L
SampID: MBLK-226776

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	08/08/2024

Batch 226776 **SampType:** LCS Units µg/L
SampID: LCS-226776

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.20		**5.31**	5.000	0	106.2	85	115	08/08/2024

Batch 226776 **SampType:** MS Units µg/L
SampID: 24071451-036CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.20		**5.13**	5.000	0	102.6	75	125	08/08/2024

Batch 226776 **SampType:** MSD Units µg/L RPD Limit **15**
SampID: 24071451-036CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury		0.20		**5.25**	5.000	0	105.1	5.132	2.33	08/08/2024

Batch 226776 **SampType:** MS Units µg/L
SampID: 24071451-067BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.20		**4.88**	5.000	0	97.6	75	125	08/08/2024

Batch 226776 **SampType:** MSD Units µg/L RPD Limit **15**
SampID: 24071451-067BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury		0.20		**4.84**	5.000	0	96.7	4.879	0.87	08/08/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll
Work Order: 24071451
Client Project: COF-24Q3
Report Date: 13-Sep-24

SW-846 7470A (TOTAL)

Batch 226793 **SampType:** MBLK Units µg/L
SampID: MBLK-226793

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	08/08/2024

Batch 226793 **SampType:** LCS Units µg/L
SampID: LCS-226793

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.20		**5.14**	5.000	0	102.8	85	115	08/08/2024

Batch 226793 **SampType:** MS Units µg/L
SampID: 24071451-008CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.20		**5.25**	5.000	0	105.1	75	125	08/08/2024

Batch 226793 **SampType:** MSD Units µg/L RPD Limit **15**
SampID: 24071451-008CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury		0.20		**5.14**	5.000	0	102.7	5.253	2.23	08/08/2024

Batch 226812 **SampType:** MBLK Units µg/L
SampID: MBLK-226812

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	08/08/2024

Batch 226812 **SampType:** LCS Units µg/L
SampID: LCS-226812

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	85	115	08/08/2024

Batch 226812 **SampType:** MS Units µg/L
SampID: 24071451-088CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.20		**4.95**	5.000	0	98.9	75	125	08/08/2024

Batch 226812 **SampType:** MSD Units µg/L RPD Limit **15**
SampID: 24071451-088CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury		0.20		**4.88**	5.000	0	97.7	4.946	1.26	08/08/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 24071451
Client Project: COF-24Q3
Report Date: 13-Sep-24

SW-846 7470A (TOTAL)

Batch 226813 **SampType:** MBLK Units µg/L
SampID: MBLK-226813

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	08/08/2024

Batch 226884 **SampType:** MBLK Units µg/L
SampID: MBLK-226884

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	08/12/2024

Batch 226884 **SampType:** LCS Units µg/L
SampID: LCS-226884

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.20		5.44	5.000	0	108.8	85	115	08/12/2024

Batch 226884 **SampType:** MS Units µg/L
SampID: 24071451-044CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.20		5.58	5.000	0	111.6	75	125	08/13/2024

Batch 226884 **SampType:** MSD Units µg/L RPD Limit 15
SampID: 24071451-044CMSD

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	5.580	2.52	08/13/2024

Batch 226964 **SampType:** MBLK Units µg/L
SampID: MBLK-226964

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	08/12/2024

Batch 226964 **SampType:** LCS Units µg/L
SampID: LCS-226964

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	85	115	08/12/2024

Teklab, Inc.
Environmental Laboratory

Receiving Check List

http://www.teklabinc.com/

Client: Ramboll
Work Order: 24071451
Client Project: COF-24Q3
Report Date: 13-Sep-24

Carrier: Daniel Crump
Received By: AMD

Completed by: Amber Dilallo
On: 30-Jul-24

Reviewed by: Ellie Hopkins
On: 12-Aug-24

Pages to follow: Chain of custody 31 Extra pages included 0

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐	Temp °C 5.9
Type of thermal preservation?	None ☐	Ice ☑	Blue Ice ☐	Dry Ice ☐
Chain of custody present?	Yes ☑	No ☐		
Chain of custody signed when relinquished and received?	Yes ☑	No ☐		
Chain of custody agrees with sample labels?	Yes ☑	No ☐		
Samples in proper container/bottle?	Yes ☑	No ☐		
Sample containers intact?	Yes ☑	No ☐		
Sufficient sample volume for indicated test?	Yes ☑	No ☐		
All samples received within holding time?	Yes ☑	No ☐		
Reported field parameters measured:	Field ☑	Lab ☐	NA ☐	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐		

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

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

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

Samples were received on 7/30/24 at 1615 on ice/blue ice [5.9C - LTG#5]. Additional Nitric Acid (98584) was needed upon arrival at the laboratory for G277. pH strip #89660/96651. - amberdilallo - 7/30/2024 4:58:45 PM

Samples were received on 7/31/24 at 16:30 on ice [15.9C - LTG#5]. - pschultz - 8/1/2024 8:09:51 AM
pH strip #96651/89660. - pschultz - 8/1/2024 8:10:48 AM
Additional Nitric Acid (98584) preservative was needed for G219, G303, G313, G314, G314D, and G316 upon arrival at the laboratory. - pschultz - 8/1/2024 8:10:56 AM
Additional Sodium Hydroxide (95443) preservative was needed for G278 upon arrival at the laboratory. - pschultz - 8/1/2024 8:10:58 AM
Sample G278 was filtered for the dissolved parameters upon arrival at the laboratory. Unable to dissolve for the metals analyses because the container was already preserved. - pschultz - 8/1/2024 8:11:02 AM

Samples were received on 8/1/24 at 1558 on ice [14.3C - LTG#5]. pH strip #89660/96651. Additional Sodium Hydroxide (95443) was needed upon arrival at the laboratory for G153. Additional Nitric Acid (99172) was needed upon arrival at the laboratory for G402, G403 and G407. - amberdilallo - 8/1/2024 4:41:25 PM

Samples were received on 8/2/24 at 1310 on ice [11.3C - LTG#5]. Additional Sodium Hydroxide (95443) was needed upon arrival at the laboratory. pH strip #89660/96651. - amberdilallo - 8/2/2024 1:49:30 PM

Samples were received on 8/5/24 at 1708 on ice [18.5C - LTG#5]. Additional Sodium Hydroxide (95443) was needed upon arrival at the laboratory for G125. Additional Nitric Acid (99172) was needed upon arrival at the laboratory for G312. pH strip #89660/96651. - amberdilallo - 8/6/2024 8:40:05 AM

Teklab, Inc.
Environmental Laboratory

Receiving Check List

http://www.teklabinc.com/

Client: Ramboll
Work Order: 24071451
Client Project: COF-24Q3
Report Date: 13-Sep-24

Samples were received on 8/6/24 at 1500 on ice [8.7C - LTG#5]. pH strip #89660/96651. Preservation checks for O&G analysis are to be completed by the laboratory technician prior to analysis. - amberdilallo - 8/6/2024 3:45:00 PM

Samples were received on 8/7/24 at 1727 on ice [14.4C - LTG#5]. pH strip #89660/96651. Preservation checks for O&G analysis are to be completed by the laboratory technician prior to analysis. - amberdilallo - 8/8/2024 8:33:37 AM

Additional nitric acid (99472) was needed in G28S, L201, L202 and L203 upon arrival at the laboratory. - NO/ehopkins - 8/8/2024 8:48:50 AM

24071451

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-Coffeen	Report To:	Brian Voelker	Attention:	Brian Voelker
Address:	134 CIPS Lane	Copy To:	Sam Davies: samantha.davies@vistracorp.com	Company Name:	Vistra Corp
	Coffeen, IL 62017		John Romang: John.Romang@vistracorp.com Rich Speraneo: Rich.Speraneo@vistracorp.com	Address:	see Section A
Email To:	Brian.Voelker@VistraCorp.com	Purchase Order No.:		Quote Reference:	
Phone:	(217) 753-8911 Fax:	Project Name:	COF 2024 GW	Project Manager:	
Requested Due Date/TAT:	10 day	Project Number:	1940106781-003	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

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	COF-257-101	COF-257-102	COF-257-103	COF-257-104	COF-257-105	COF-811-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104	COF-NE-103	COF-SUP-000	COF-WPCP-102	COF-WPCP-103-104	COF-WPCP-106	Residual Chlorine (Y/N)	Project No./ Lab I.D.
								Requested Analysis Filtered (Y/N)																											
1	G122	WT	G				5	2	1	1		1										X											24071451-017
2	G123	WT	G				5	2	1	1		1										X											24071451-018
3	G124	WT	G				5	2	1	1		1										X											24071451-019
4	G125	WT	G				6	2	1	2		1									X	X											24071451-020
5	G126	WT	G				5	2	1	1		1										X											24071451-021
6	G151	WT	G				4	2		1		1																				X		24071451-022
7	G152	WT	G				4	2		1		1																				X		24071451-023
8	G153	WT	G				4	2		1		1																				X		24071451-024
9	G154	WT	G				4	2		2		1																	X			X		24071451-025
10	G155	WT	G				4	2		1		1																				X		24071451-026
11	G200	WT	G				6	2	1	2		1								X		X				X					X			24071451-027
12	G206	WT	G	7-30-24	1337		6	2	1	2		1								X						X					X			24071451-028
13	G206D	WT	G	7-30-24	1306		2	1		1										X						X								24071451-029
14	G207	WT	G	7-30-24	1226		6	2	1	2		1																			X			24071451-030
15	G208	WT	G	7-30-24	1016		6	2	1	2		1																			X			24071451-031
16	G209	WT	G	7-30-24	1109		6	2	1	2		1								X						X					X			24071451-032

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
COF-24Q3 Rev 0		7-30	1615		7/30/24	1615	5.9	Y	N	Y
							1615			

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):				

Added HNO_3 (98584) to G207 total. pH ✓ 98657/98660

DM 7/30/24

24071451

CHAIN-OF-CUSTODY / Analytical Request Document

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Page: 3 of 7

Section A Required Client Information:

Company:	Vistra Corp-Coffeen
Address:	134 CIPS Lane Coffeen, IL 62017
Email To:	Brian.Voelker@VistraCorp.com
Phone: (217) 753-8911	Fax:
Requested Due Date/TAT:	10 day

Section B Required Project Information:

Report To:	Brian Voelker
Copy To:	Sam Davies: samantha.davies@vistracorp.com John Romang: John.Romang@vistracorp.com Rich Speraneo: Rich.Speraneo@vistracorp.com
Purchase Order No.:	
Project Name:	COF 2024 GW
Project Number:	1940106781-003

Section C Invoice Information:

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

REGULATORY AGENCY

NPDES GROUND WATER DRINKING WATER
UST RCRA OTHER

Site Location STATE: IL

Section D Required Client Information

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

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	COF-257-101	COF-257-102	COF-257-103	COF-257-104	COF-257-105	COF-811-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104	COF-NE-103	COF-SUP-000	COF-WPCP-102	COF-WPCP-103-104	COF-WPCP-106	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	G210	WT	G	7-28-24	1147		6	2	1	2		1																		X			24071451-033
2	G211	WT	G				6	2	1	2		1																		X			24071451-034
3	G212	WT	G				6	2	1	2		1							X						X					X			24071451-035
4	G213	WT	G				6	2	1	2		1							X						X					X			24071451-036
5	G214	WT	G				6	2	1	2		1																		X			24071451-037
6	G215	WT	G				6	2	1	2		1							X						X					X			24071451-038
7	G216	WT	G				6	2	1	2		1																		X			24071451-039
8	G217	WT	G				6	2	1	2		1							X						X					X			24071451-040
9	G218	WT	G				6	2	1	2		1							X						X					X			24071451-041
10	G219	WT	G				3	1		2																	X						24071451-042
11	G220	WT	G				3	1		2																	X						24071451-043
12	G270	WT	G				6	2	1	2		1						X		X				X		X			X	X			24071451-044
13	G271	WT	G				6	2	1	2		1								X						X				X			24071451-045
14	G272	WT	G				6	2	1	2		1																		X			24071451-046
15	G273	WT	G				6	2	1	2		1								X						X				X			24071451-047
16	G274	WT	G	7-30	1351		6	2	1	2		1																		X			24071451-048

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS	Y	N	
COF-24Q3 Rev 0		7-30	1615		7/30/24	1615				

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Justin Culp

SIGNATURE of SAMPLER: Justin Culp DATE Signed (MM/DD/YY): 7-30-24

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

CHAIN-OF-CUSTODY / Analytical Request Document

24071451

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Page: 4 of 7

Section A Required Client Information:	Section B Required Project Information:	Section C Invoice Information:
Company: Vistra Corp-Coffeen	Report To: Brian Voelker	Attention: Brian Voelker
Address: 134 CIPS Lane	Copy To: Sam Davies: samantha.davies@vistracorp.com	Company Name: Vistra Corp
Coffeen, IL 62017	John Romang: John.Romang@vistracorp.com Rich Speraneo: Rich.Speraneo@vistracorp.com	Address: see Section A
Email To: Brian.Voelker@VistraCorp.com	Purchase Order No.:	Quote Reference:
Phone: (217) 763-8911 Fax:	Project Name: COF 2024 GW	Project Manager:
Requested Due Date/TAT: 10 day	Project Number: 1940106781-003	Profile #:

REGULATORY AGENCY

NPDES GROUND WATER DRINKING WATER

UST RCRA OTHER

Site Location STATE: IL

Valid Matrix Codes: DRINKING WATER OW; WATER WT; WASTE WATER WW; PRODUCT SOLID/SOLID P; OIL SL; WIPE OL; AIR WP; OTHER AR

ITEM #	Section D Required Client Information SAMPLE ID (A-Z, 0-9 / ,- Sample IDs MUST BE UNIQUE)	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Requested Analysis Filtered (Y/N)	COF-257-101	COF-257-102	COF-257-103	COF-257-104	COF-257-105	COF-811-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104	COF-NE-103	COF-SUP-000	COF-WPCP-102	COF-WPCP-103-104	COF-WPCP-106	Residual Chlorine (Y/N)	Project No./ Lab I.D.
	Analysis Test ↓ / Y/N ↓																															
1	G275	WT	G				6	2	1	2		1								X					X				X			24071451-049
2	G275D	WT	G				2	1		1										X					X							24071451-050
3	G276	WT	G				6	2	1	2		1								X					X				X			24071451-051
4	G277	WT	G	7-30	1239		6	2	1	2		1								X					X				X			24071451-052
5	G278	WT	G				6	2	1	2		1																	X			24071451-053
6	G279	WT	G	7-30	1056		6	2	1	2		1								X					X			X	X			24071451-054
7	G280	WT	G	7-30	1150		6	2	1	2		1					X			X				X	X			X	X			24071451-055
8	G281	WT	G	7-30	1013		4	1		2		1				X	X						X	X				X				24071451-056
9	G283	WT	G				2	1		1										X					X							24071451-057
10	G284	WT	G				2	1		1										X					X							24071451-058
11	G285	WT	G				2	1		1										X					X							24071451-059
12	G301	WT	G				2	1		1						X							X									24071451-060
13	G302	WT	G				2	1		1						X							X									24071451-061
14	G303	WT	G				2	1		1						X							X									24071451-062
15	G305	WT	G				2	1		1						X							X									24071451-063
16	G306	WT	G				2	1		1						X							X									24071451-064

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
COF-24Q3 Rev 0		7-30	1615		7/30/24	1615

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: Justin Culp

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 7-30-24

24071451

CHAIN-OF-CUSTODY / Analytical Request Document

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Section A Required Client Information:

Company:	Vistra Corp-Coffeen
Address:	134 CIPS Lane Coffeen, IL 62017
Email To:	Brian.Voelker@VistraCorp.com
Phone: (217) 753-8911	Fax:
Requested Due Date/TAT:	10 day

Section B Required Project Information:

Report To:	Brian Voelker
Copy To:	Sam Davies: samantha.davies@vistracorp.com John Romang: John.Romang@vistracorp.com Rich Speraneo: Rich.Speraneo@vistracorp.com
Purchase Order No.:	
Project Name:	COF 2024 GW
Project Number:	1940106781-003

Section C Invoice Information:

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

REGULATORY AGENCY

NPDES GROUND WATER DRINKING WATER
UST RCRA OTHER

Site Location STATE: IL

Section D Required Client Information

MATRIX: DRINKING WATER DW; WATER WT; WASTE WATER WW; PRODUCT SOLID/SOLID P; OIL SL; WIPE OL; AIR WP; OTHER AR

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	COF-257-101	COF-257-102	COF-257-103	COF-257-104	COF-257-105	COF-811-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104	COF-NE-103	COF-SUP-000	COF-WPCP-102	COF-WPCP-103-104	COF-WPCP-106	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	G210	WT	G				6	2	1	2		1																		X			24071451-033
2	G211	WT	G				6	2	1	2		1																		X			24071451-034
3	G212	WT	G				6	2	1	2		1							X						X					X			24071451-035
4	G213	WT	G				6	2	1	2		1							X						X					X			24071451-036
5	G214	WT	G				6	2	1	2		1																		X			24071451-037
6	G215	WT	G				6	2	1	2		1							X						X					X			24071451-038
7	G216	WT	G				6	2	1	2		1																		X			24071451-039
8	G217	WT	G				6	2	1	2		1							X						X					X			24071451-040
9	G218	WT	G	7-31	1003		6	2	1	2		1							X						X					X			24071451-041
10	G219	WT	G	7-31	1116		3	1		2																X							24071451-042
11	G220	WT	G				3	1		2																X							24071451-043
12	G270	WT	G				6	2	1	2		1						X		X				X		X			X	X			24071451-044
13	G271	WT	G	7-31	1124		6	2	1	2		1								X					X					X			24071451-045
14	G272	WT	G	7-31	1043		6	2	1	2		1																		X			24071451-046
15	G273	WT	G	7-31	1002		6	2	1	2		1								X					X					X			24071451-047
16	G274	WT	G				6	2	1	2		1																		X			24071451-048

Requested Analysis Filtered (Y/N)

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
COF-24Q3 Rev 0	J. Colp	7-31	1630	[signature]	7/31/24	1630	15.9	Y	N	Y
							LTCS			

SAMPLER NAME AND SIGNATURE			
PRINT Name of SAMPLER:	Justin Colp		
SIGNATURE of SAMPLER:	[signature]	DATE Signed (MM/DD/YY):	7-31-24

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

pH J/96651/89660

Added HNO_3 (98584) to G219, G303, G313, G314, G314D, G316

Added NaOH (95443) to G278 PS 8/1

CHAIN-OF-CUSTODY / Analytical Request Document

2407 1451

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Page: 4 of 7

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company:	Vistra Corp-Coffeen	Report To:	Brian Voelker	Attention:	Brian Voelker
Address:	134 CIPS Lane	Copy To:	Sam Davies: samantha.davies@vistracorp.com	Company Name:	Vistra Corp
	Coffeen, IL 62017		John Romang: John.Romang@vistracorp.com Rich Speraneo: Rich.Speraneo@vistracorp.com	Address:	see Section A
Email To:	Brian.Voelker@VistraCorp.com	Purchase Order No.:		Quote Reference:	
Phone:	(217) 753-8911 Fax:	Project Name:	COF 2024 GW	Project Manager:	
Requested Due Date/TAT:	10 day	Project Number:	1940106781-003	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

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	COF-257-101	COF-257-102	COF-257-103	COF-257-104	COF-257-105	COF-811-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104	COF-NE-103	COF-SUP-000	COF-WPCP-102	COF-WPCP-103-104	COF-WPCP-106	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	G275	WT	G				6	2	1	2		1								X						X				X			24071451-049
2	G275D	WT	G				2	1		1										X						X							24071451-050
3	G276	WT	G	7-31	1233		6	2	1	2		1								X						X				X			24071451-051
4	G277	WT	G				6	2	1	2		1								X						X				X			24071451-052
5	Filter in lab G278	WT	G	7-31	1359		6	2	1	2		1																		X			24071451-053
6	G279	WT	G				6	2	1	2		1								X						X			X	X			24071451-054
7	G280	WT	G				6	2	1	2		1						X		X				X		X			X	X			24071451-055
8	G281	WT	G				4	1		2		1					X	X					X	X					X				24071451-056
9	G283	WT	G				2	1		1										X						X							24071451-057
10	G284	WT	G				2	1		1										X						X							24071451-058
11	G285	WT	G				2	1		1										X						X							24071451-059
12	G301	WT	G				2	1		1							X						X										24071451-060
13	G302	WT	G				2	1		1							X						X										24071451-061
14	G303	WT	G	7.31.24	1349		2	1		1							X						X										24071451-062
15	G305	WT	G				2	1		1							X						X										24071451-063
16	G306	WT	G				2	1		1							X						X										24071451-064

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
COF-24Q3 Rev 0	J. Colp	7-31	1630	[signature]	7/31/24	1630	

SAMPLER NAME AND SIGNATURE			
PRINT Name of SAMPLER:	Justin Colp		
SIGNATURE of SAMPLER:	[signature]	DATE Signed (MM/DD/YY):	7-31-24

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

CHAIN-OF-CUSTODY / Analytical Request Document

24071451

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Page: 5 of 7

Section A Required Client Information:

Company:	Vistra Corp-Coffeen
Address:	134 CIPS Lane
	Coffeen, IL 62017
Email To:	Brian.Voelker@VistraCorp.com
Phone: (217) 753-8911	Fax:
Requested Due Date/TAT:	10 day

Section B Required Project Information:

Report To:	Brian Voelker
Copy To:	Sam Davies: samantha.davies@vistracorp.com
	John Romang: John.Romang@vistracorp.com
	Rich Speraneo: Rich.Speraneo@vistracorp.com
Purchase Order No.:	
Project Name:	COF 2024 GW
Project Number:	1940106781-003

Section C Invoice Information:

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

REGULATORY AGENCY

NPDES GROUND WATER DRINKING WATER

UST RCRA OTHER

Site Location STATE: IL

Section D Required Client Information

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

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	COF-257-101	COF-257-102	COF-257-103	COF-257-104	COF-257-105	COF-811-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104	COF-NE-103	COF-SUP-000	COF-WPCP-102	COF-WPCP-103-104	COF-WPCP-106	Residual Chlorine (Y/N)	Project No./ Lab I.D.
								Requested Analysis Filtered (Y/N)																										
1	G307	WT	G				2	1		1							X						X										24071451-065
2	G307D	WT	G				2	1		1							X						X										24071451-066
3	G308	WT	G				2	1		1							X						X										24071451-067
4	G310	WT	G				2	1		1							X						X										24071451-068
5	G312	WT	G				2	1		1							X						X										24071451-069
6	G313	WT	G	7.31.24	1253		2	1		1							X						X										24071451-070
7	G314	WT	G	7.31.24	1148		2	1		1							X						X										24071451-071
8	G314D	WT	G	7.31.24	1052		2	1		1							X						X										24071451-072
9	G315	WT	G	7.31.24	1438		2	1		1							X						X										24071451-073
10	G316	WT	G	7.31.24	953		2	1		1							X						X										24071451-074
11	G401	WT	G				4	1		2	1							X						X										24071451-075
12	G402	WT	G				4	1		2	1							X						X										24071451-076
13	G403	WT	G				4	1		2	1							X						X										24071451-077
14	G404	WT	G	7-31	1219		4	1		2	1							X						X										24071451-078
15	G405	WT	G	7-31	1257		4	1		2	1							X						X										24071451-079
16	G406	WT	G				4	1		2	1							X						X										24071451-080

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS	Y	N	
COF-24Q3 Rev 0	J Colp	7-31	1630	Brian DeValle	7/31/24	1630				
							Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Justin Colp

SIGNATURE of SAMPLER: Justin Colp DATE Signed (MM/DD/YY): 7-31-24

CHAIN-OF-CUSTODY / Analytical Request Document

24071451

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Page: 2 of 7

Section A Required Client Information:

Company:	Vistra Corp-Coffeen
Address:	134 CIPS Lane
	Coffeen, IL 62017
Email To:	Brian.Voelker@VistraCorp.com
Phone: (217) 753-8911	Fax:
Requested Due Date/TAT:	10 day

Section B Required Project Information:

Report To:	Brian Voelker
Copy To:	Sam Davies: samantha.davies@vistracorp.com
	John Romang: John.Romang@vistracorp.com
	Rich Speraneo: Rich.Speraneo@vistracorp.com
Purchase Order No.:	
Project Name:	COF 2024 GW
Project Number:	1940106781-003

Section C Invoice Information:

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

REGULATORY AGENCY

NPDES GROUND WATER DRINKING WATER

UST RCRA OTHER

Site Location STATE: IL

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

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	COF-257-101	COF-257-102	COF-257-103	COF-257-104	COF-257-105	COF-811-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104	COF-NE-103	COF-SUP-000	COF-WPCP-102	COF-WPCP-103-104	COF-WPCP-106	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	G122	WT	G				5	2	1	1		1										X										24071451-017
2	G123	WT	G				5	2	1	1		1										X										24071451-018
3	G124	WT	G				5	2	1	1		1										X										24071451-019
4	G125	WT	G				6	2	1	2		1									X	X										24071451-020
5	G126	WT	G				5	2	1	1		1										X										24071451-021
6	G151	WT	G	8-1	1148		4	2		1		1																		X		24071451-022
7	G152	WT	G				4	2		1		1																		X		24071451-023
8	G153	WT	G	8-1	1355		4	2		1		1																		X		24071451-024
9	G154	WT	G	8-1	1309		4	2		2		1																X		X		24071451-025
10	G156	WT	G	8-1	1236		4	2		1		1																		X		24071451-026
11	G200	WT	G				6	2	1	2		1						X		X					X							24071451-027
12	G206	WT	G				6	2	1	2		1						X							X							24071451-028
13	G206D	WT	G				2	1		1								X							X							24071451-029
14	G207	WT	G				6	2	1	2		1																		X			24071451-030
15	G208	WT	G				6	2	1	2		1																		X			24071451-031
16	G209	WT	G				6	2	1	2		1						X							X							24071451-032

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
COF-24Q3 Rev 0		8-1	1558		8/1/24	1558	14.3	Y	N	Y
							UC5	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 Cole

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 8-1-24

Added NaOH (9543) to G153.

24071451

CHAIN-OF-CUSTODY / Analytical Request Document

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Page: 3 of 7

Section A Required Client Information:	Section B Required Project Information:	Section C Invoice Information:
Company: Vistra Corp-Coffeen	Report To: Brian Voelker	Attention: Brian Voelker
Address: 134 CIPS Lane	Copy To: Sam Davies: samantha.davies@vistracorp.com	Company Name: Vistra Corp
Coffeen, IL 62017	John Romang: John.Romang@vistracorp.com Rich Speraneo: Rich.Speraneo@vistracorp.com	Address: see Section A
Email To: Brian.Voelker@VistraCorp.com	Purchase Order No.:	Quote Reference:
Phone: (217) 753-8911 Fax:	Project Name: COF 2024 GW	Project Manager:
Requested Due Date/TAT: 10 day	Project Number: 1940106781-003	Profile #:

REGULATORY AGENCY

NPDES GROUND WATER DRINKING WATER

UST RCRA OTHER

Site Location STATE: IL

Requested Analysis Filtered (Y/N)

ITEM #	Section D Required Client Information SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Y/N	Analysis Test	COF-257-101	COF-257-102	COF-257-103	COF-257-104	COF-257-105	COF-811-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104	COF-NE-103	COF-SUP-000	COF-WPCP-102	COF-WPCP-103-104	COF-WPCP-106	Residual Chlorine (Y/N)	Project No./ Lab I.D.
	MATRIX: DRINKING WATER DW; WATER WT; WASTE WATER WW; PRODUCT SOIL/SOLID P SL; OIL OL; WIPE WP; AIR AR; OTHER																															
1	G210	WT	G	8-1	948		6	2	1	2		1																	X		24071451-033
2	G211	WT	G	8-1	1020		6	2	1	2		1																	X		24071451-034
3	G212	WT	G	8-1	1113		6	2	1	2		1								X					X				X		24071451-035
4	G213	WT	G				6	2	1	2		1								X					X				X		24071451-036
5	G214	WT	G				6	2	1	2		1																	X		24071451-037
6	G215	WT	G				6	2	1	2		1								X					X				X		24071451-038
7	G216	WT	G				6	2	1	2		1																	X		24071451-039
8	G217	WT	G				6	2	1	2		1								X					X				X		24071451-040
9	G218	WT	G				6	2	1	2		1								X					X				X		24071451-041
10	G219	WT	G				3	1		2																	X					24071451-042
11	G220	WT	G				3	1		2																	X					24071451-043
12	G270	WT	G				6	2	1	2		1							X		X				X		X		X	X		24071451-044
13	G271	WT	G				6	2	1	2		1									X					X				X		24071451-045
14	G272	WT	G				6	2	1	2		1																		X		24071451-046
15	G273	WT	G				6	2	1	2		1									X					X				X		24071451-047
16	G274	WT	G				6	2	1	2		1																		X		24071451-048

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
COF-24Q3 Rev 0		8-1	1511		8/1/24	1558	

SAMPLER NAME AND SIGNATURE				
PRINT Name of SAMPLER:	Brett Gallimore			
SIGNATURE of SAMPLER:		DATE Signed (MM/DD/YY):	8-1-24	

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

24071451

CHAIN-OF-CUSTODY / Analytical Request Document

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Section A Required Client Information:	Section B Required Project Information:	Section C Invoice Information:
Company: Vistra Corp-Coffeen	Report To: Brian Voelker	Attention: Brian Voelker
Address: 134 CIPS Lane	Copy To: Sam Davies: samantha.davies@vistracorp.com	Company Name: Vistra Corp
Coffeen, IL 62017	John Romang: John.Romang@vistracorp.com Rich Speraneo: Rich.Speraneo@vistracorp.com	Address: see Section A
Email To: Brian.Voelker@VistraCorp.com	Purchase Order No.:	Quote Reference:
Phone: (217) 753-8911 Fax:	Project Name: COF 2024 GW	Project Manager:
Requested Due Date/TAT: 10 day	Project Number: 1940106781-003	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

MATRIX: DRINKING WATER DW; WATER WT; WASTE WATER WW; PRODUCT / SOLID/SOLID P / SL; OIL OL; WIPE WP; AIR AR; OTHER

ITEM #	SAMPLE ID	MATRIX CODE	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	COF-257-101	COF-257-102	COF-257-103	COF-257-104	COF-257-105	COF-811-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104	COF-NE-103	COF-SUP-000	COF-WPCP-102	COF-WPCP-103-104	COF-WPCP-106	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	G275	WT	G	8-1	1228		6	2	1	2		1									X					X				X			24071451-049
2	G275D	WT	G	8-1	1214		2	1		1											X					X							24071451-050
3	G276	WT	G				6	2	1	2		1									X					X				X			24071451-051
4	G277	WT	G				6	2	1	2		1									X					X				X			24071451-052
5	G278	WT	G				6	2	1	2		1																		X			24071451-053
6	G279	WT	G				6	2	1	2		1									X					X			X	X			24071451-054
7	G280	WT	G				6	2	1	2		1							X		X				X		X			X	X			24071451-055
8	G281	WT	G				4	1		2		1						X	X						X	X				X				24071451-056
9	G283	WT	G				2	1		1											X					X							24071451-057
10	G284	WT	G				2	1		1											X					X							24071451-058
11	G285	WT	G				2	1		1											X					X							24071451-059
12	G301	WT	G				2	1		1								X						X									24071451-060
13	G302	WT	G				2	1		1								X						X									24071451-061
14	G303	WT	G				2	1		1								X						X									24071451-062
15	G305	WT	G	8.1.24	1028		2	1		1								X						X									24071451-063
16	G306	WT	G	8.1.24	944		2	1		1								X						X									24071451-064

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS	Y	N	
COF-24Q3 Rev 0		8-1	1558		8/1/24	1558				
							Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Brett Gilling

SIGNATURE of SAMPLER:

DATE Signed (MM/DD/YY): 8-1-24

CHAIN-OF-CUSTODY / Analytical Request Document

24071451

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Page: 5 of 7

Section A Required Client Information:	Section B Required Project Information:	Section C Invoice Information:
Company: Vistra Corp-Coffeen	Report To: Brian Voelker	Attention: Brian Voelker
Address: 134 CIPS Lane	Copy To: Sam Davies: samantha.davies@vistracorp.com	Company Name: Vistra Corp
Coffeen, IL 62017	John Romang: John.Romang@vistracorp.com Rich Speraneo: Rich.Speraneo@vistracorp.com	Address: see Section A
Email To: Brian.Voelker@VistraCorp.com	Purchase Order No.:	Quote Reference:
Phone: (217) 753-8911 Fax:	Project Name: COF 2024 GW	Project Manager:
Requested Due Date/TAT: 10 day	Project Number: 1940106781-003	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

MATRIX: DRINKING WATER DW; WATER WT; WASTE WATER WW; PRODUCT P; SOIL/SOLID SL; OIL OL; WIPE WP; AIR AR; OTHER

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	COF-257-101	COF-257-102	COF-257-103	COF-257-104	COF-257-105	COF-811-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104	COF-NE-103	COF-SUP-000	COF-WPCP-102	COF-WPCP-103-104	COF-WPCP-106	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	G307	WT	G	8.1.24	1213		2	1		1								X						X										24071451-065
2	G307D	WT	G	8.1.24	1141		2	1		1								X						X										24071451-066
3	G308	WT	G	8.1.24	1251		2	1		1								X						X										24071451-067
4	G310	WT	G	8.1.24	1347		2	1		1								X						X										24071451-068
5	G312	WT	G				2	1		1								X						X										24071451-069
6	G313	WT	G				2	1		1								X						X										24071451-070
7	G314	WT	G				2	1		1								X						X										24071451-071
8	G314D	WT	G				2	1		1								X						X										24071451-072
9	G315	WT	G				2	1		1								X						X										24071451-073
10	G316	WT	G				2	1		1								X						X										24071451-074
11	G401	WT	G				4	1		2		1							X							X					X				24071451-075
12	G402	WT	G	8-1	1416		4	1		2		1							X							X					X				24071451-076
13	G403	WT	G	8-1	0916		4	1		2		1							X							X					X				24071451-077
14	G404	WT	G				4	1		2		1							X							X					X				24071451-078
15	G405	WT	G				4	1		2		1							X							X					X				24071451-079
16	G406	WT	G	8-1	1000		4	1		2		1							X							X					X				24071451-080

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
COF-24Q3 Rev 0		8-1	1958		8/1/24	1558	

SAMPLER NAME AND SIGNATURE						
PRINT Name of SAMPLER:	Justin Cole					
SIGNATURE of SAMPLER:		DATE Signed (MM/DD/YY):	8-1-24	Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)

24071451

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-Coffeen	Report To: Brian Voelker	Attention: Brian Voelker
Address: 134 CIPS Lane	Copy To: Sam Davies: samantha.davies@vistracorp.com	Company Name: Vistra Corp
Coffeen, IL 62017	John Romang: John.Romang@vistracorp.com Rich Speraneo: Rich.Speraneo@vistracorp.com	Address: see Section A
Email To: Brian.Voelker@VistraCorp.com	Purchase Order No.:	Quote Reference:
Phone: (217) 756-8911 Fax:	Project Name: COF 2024 GW	Project Manager:
Requested Due Date/TAT: 10 day	Project Number: 1940106781-003	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

MATRIX: DRINKING WATER DW; WATER WT; WASTE WATER WW; PRODUCT P; SOIL/SOLID SL; OIL OL; WIPE WP; AIR AR; OTHER

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	COF-257-101	COF-257-102	COF-257-103	COF-257-104	COF-257-105	COF-811-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104	COF-NE-103	COF-SUP-000	COF-WPCP-102	COF-WPCP-103-104	COF-WPCP-106	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	G407	WT	G	8-1	1051		4	1		2		1						X					X						X				24071451-081
2	G410	WT	G				4	1		2		1																	X				24071451-082
3	G411	WT	G				4	1		2		1																	X				24071451-083
4	L201	WT	G				2	1		1												X											24071451-084
5	L202	WT	G				2	1		1												X											24071451-085
6	L203	WT	G				2	1		1												X											24071451-086
7	NE Riser	WT	G				2	1		1										X					X								24071451-087
8	R104	WT	G				7	2	2	2		1											X							X				24071451-088
9	R201	WT	G				6	2	1	2		1								X		X			X					X				24071451-089
10	R205	WT	G				6	2	1	2		1																		X				24071451-090
11	SG-02	WT	G				0										X	X						X	X									24071451-091
12	SG-03	WT	G				0										X	X						X	X									24071451-092
13	T127	WT	G				6	2	1	2		1										X	X											24071451-093
14	T128	WT	G				5	2	1	1		1											X											24071451-094
15	X201	WT	G				2	1		1											X					X								24071451-095
16	XSG-01	WT	G				0										X							X										24071451-096

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
COF-24Q3 Rev 0		8-1	1558		8/1/24	1558	

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: Justin Cole

SIGNATURE of SAMPLER: DATE Signed (MM/DD/YY): 8-1-24

CHAIN-OF-CUSTODY / Analytical Request Document

24071451

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-Coffeen	Report To: Brian Voelker	Attention: Brian Voelker
Address: 134 CIPS Lane	Copy To: Sam Davies: samantha.davies@vistracorp.com	Company Name: Vistra Corp
Coffeen, IL 62017	John Romang: John.Romang@vistracorp.com Rich Speraneo: Rich.Speraneo@vistracorp.com	Address: see Section A
Email To: Brian.Voelker@VistraCorp.com	Purchase Order No.:	Quote Reference:
Phone: (217) 753-8911 Fax:	Project Name: COF 2024 GW	Project Manager:
Requested Due Date/TAT: 10 day	Project Number: 1940106781-003	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 — DRINKING WATER DW; WATER WT; WASTE WATER WW; PRODUCT P; SOIL/SOLID SL; OIL OL; WIPE WP; AIR AR; OTHER

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	COF-257-101	COF-257-102	COF-257-103	COF-257-104	COF-257-105	COF-811-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104	COF-NE-103	COF-SUP-000	COF-WPCP-102	COF-WPCP-103-104	COF-WPCP-106	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	AP2D	WT	G				2	1		1								X						X									24071451-001
2	G1001	WT	G	8-2	1026		2	1		1								X						X									24071451-002
3	G1003	WT	G				2	1		1								X						X				X					24071451-003
4	G101	WT	G				5	2	1	1		1										X											24071451-004
5	G102	WT	G				7	2	2	2		1									X	X							X				24071451-005
6	G103	WT	G				7	2	2	2		1										X							X				24071451-006
7	G105	WT	G				7	2	2	2		1										X							X				24071451-007
8	G106	WT	G				7	2	2	2		1									X	X							X				24071451-008
9	G107	WT	G				5	2	1	1		1										X											24071451-009
10	G108	WT	G				5	2	1	1		1										X											24071451-010
11	G109	WT	G				5	2	1	1		1										X											24071451-011
12	G110	WT	G				6	2	1	2		1									X	X											24071451-012
13	G111	WT	G				5	2	1	1		1										X											24071451-013
14	G119	WT	G				5	2	1	1		1										X											24071451-014
15	G120	WT	G				6	2	1	2		1									X	X											24071451-015
16	G121	WT	G				5	2	1	1		1										X											24071451-016

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
COF-24Q3 Rev 0		8-2	1310		8/2/24	1310		Y	N	
								X		

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Justin Cole

SIGNATURE of SAMPLER: DATE Signed (MM/DD/YY): 8-2-24

Temp in °C: 11.3 UTG

Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

pH in 96651/89660 added NaOH(95443) to G401

UH 8/2/24

CHAIN-OF-CUSTODY / Analytical Request Document

24071451

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Page: 5 of 7

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company:	Vistra Corp-Coffeen	Report To:	Brian Voelker	Attention:	Brian Voelker
Address:	134 CIPS Lane	Copy To:	Sam Davies: samantha.davies@vistracorp.com	Company Name:	Vistra Corp
	Coffeen, IL 62017		John Romang: John.Romang@vistracorp.com Rich Speraneo: Rich.Speraneo@vistracorp.com	Address:	see Section A
Email To:	Brian.Voelker@VistraCorp.com	Purchase Order No.:		Quote Reference:	
Phone:	(217) 753-8911 Fax:	Project Name:	COF 2024 GW	Project Manager:	
Requested Due Date/TAT:	10 day	Project Number:	1940106781-003	Profile #:	

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

ITEM #	Section D Required Client Information: SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE	MATRIX (see valid codes to left): DRINKING WATER DW; WATER WT; WASTE WATER WW; PRODUCT P; SOIL/SOLID SL; OIL OL; WIPE WP; AIR AR; OTHER	MATRIX CODE	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	COF-257-101	COF-257-102	COF-257-103	COF-257-104	COF-257-105	COF-811-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104	COF-NE-103	COF-SUP-000	COF-WPCP-102	COF-WPCP-103-104	COF-WPCP-106	Residual Chlorine (Y/N)	Project No./ Lab I.D.
									Requested Analysis Filtered (Y/N)																											
1	G307		WT	G				2	1		1						X						X										24071451-065
2	G307D		WT	G				2	1		1						X						X										24071451-066
3	G308		WT	G				2	1		1						X						X										24071451-067
4	G310		WT	G				2	1		1						X						X										24071451-068
5	G312		WT	G				2	1		1						X						X										24071451-069
6	G313		WT	G				2	1		1						X						X										24071451-070
7	G314		WT	G				2	1		1						X						X										24071451-071
8	G314D		WT	G				2	1		1						X						X										24071451-072
9	G315		WT	G				2	1		1						X						X										24071451-073
10	G316		WT	G				2	1		1						X						X										24071451-074
11	G401		WT	G	8-2	0924		4	1		2		1					X							X					X				24071451-075
12	G402		WT	G				4	1		2		1					X							X					X				24071451-076
13	G403		WT	G				4	1		2		1					X							X					X				24071451-077
14	G404		WT	G				4	1		2		1					X							X					X				24071451-078
15	G405		WT	G				4	1		2		1					X							X					X				24071451-079
16	G406		WT	G				4	1		2		1					X							X					X				24071451-080

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS	Y	N	
COF-24Q3 Rev 0	J. Colp	8-2	1330	Zach	8/2/24	13:10				
							Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)

SAMPLER NAME AND SIGNATURE			
PRINT Name of SAMPLER:	Justin Colp		
SIGNATURE of SAMPLER:		DATE Signed (MM/DD/YY):	8-2-24

24071451

CHAIN-OF-CUSTODY / Analytical Request Document

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Page: 6 of 7

Section A Required Client Information:	Section B Required Project Information:	Section C Invoice Information:
Company: Vistra Corp-Coffeen	Report To: Brian Voelker	Attention: Brian Voelker
Address: 134 CIPS Lane	Copy To: Sam Davies: samantha.davies@vistracorp.com	Company Name: Vistra Corp
Coffeen, IL 62017	John Romang: John.Romang@vistracorp.com Rich Speraneo: Rich.Speraneo@vistracorp.com	Address: see Section A
Email To: Brian.Voelker@VistraCorp.com	Purchase Order No.:	Quote Reference:
Phone: (217) 753-8911 Fax:	Project Name: COF 2024 GW	Project Manager:
Requested Due Date/TAT: 10 day	Project Number: 1940106781-003	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: DRINKING WATER DW; WATER WT; WASTE WATER WW; PRODUCT P; SOIL/SOLID SL; OIL OL; WIPE WP; AIR AR; OTHER

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	COF-257-101	COF-257-102	COF-257-103	COF-257-104	COF-257-105	COF-811-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104	COF-NE-103	COF-SUP-000	COF-WPCP-102	COF-WPCP-103-104	COF-WPCP-106	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	G407	WT	G				4	1		2		1						X						X					X				24071451-081
2	G410	WT	G	8-2-24	0912		4	1		2		1																	X				24071451-082
3	G411	WT	G	8-2-24	1002		4	1		2		1																	X				24071451-083
4	L201	WT	G				2	1		1												X											24071451-084
5	L202	WT	G				2	1		1												X											24071451-085
6	L203	WT	G				2	1		1												X											24071451-086
7	NE Riser	WT	G				2	1		1										X					X								24071451-087
8	R104	WT	G				7	2	2	2		1											X							X				24071451-088
9	R201	WT	G				6	2	1	2		1								X		X			X					X				24071451-089
10	R205	WT	G				6	2	1	2		1																		X				24071451-090
11	SG-02	WT	G				0										X	X						X	X									24071451-091
12	SG-03	WT	G				0										X	X						X	X									24071451-092
13	T127	WT	G				6	2	1	2		1										X	X											24071451-093
14	T128	WT	G				5	2	1	1		1											X											24071451-094
15	X201	WT	G				2	1		1											X					X								24071451-095
16	XSG-01	WT	G				0										X							X										24071451-096

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS	Y	N	
COF-24Q3 Rev 0	J. Colp	8-2	1310		8/2/24	1310	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): 8-2-24

24071451

CHAIN-OF-CUSTODY / Analytical Request Document

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Page: 1 of 7

Section A Required Client Information:	Section B Required Project Information:	Section C Invoice Information:
Company: Vistra Corp-Coffeen	Report To: Brian Voelker	Attention: Brian Voelker
Address: 134 CIPS Lane	Copy To: Sam Davies: samantha.davies@vistracorp.com	Company Name: Vistra Corp
Coffeen, IL 62017	John Romang: John.Romang@vistracorp.com Rich Speraneo: Rich.Speraneo@vistracorp.com	Address: see Section A
Email To: Brian.Voelker@VistraCorp.com	Purchase Order No.:	Quote Reference:
Phone: (217) 753-8911 Fax:	Project Name: COF 2024 GW	Project Manager:
Requested Due Date/TAT: 10 day	Project Number: 1940106781-003	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

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

ITEM #	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	COF-257-101	COF-257-102	COF-257-103	COF-257-104	COF-257-105	COF-811-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104	COF-NE-103	COF-SUP-000	COF-WPCP-102	COF-WPCP-103-104	COF-WPCP-106	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	AP2D	WT	G				2	1		1							X						X									24071451-001
2	G1001	WT	G				2	1		1							X						X									24071451-002
3	G1003	WT	G				2	1		1							X						X				X					24071451-003
4	G101	WT	G	8-5-24	1437		5	2	1	1		1										X										24071451-004
5	G102	WT	G				7	2	2	2		1									X	X							X			24071451-005
6	G103	WT	G				7	2	2	2		1										X							X			24071451-006
7	G105	WT	G				7	2	2	2		1										X							X			24071451-007
8	G106	WT	G				7	2	2	2		1									X	X							X			24071451-008
9	G107	WT	G				5	2	1	1		1										X										24071451-009
10	G108	WT	G	8-5-24	0931		5	2	1	1		1										X										24071451-010
11	G109	WT	G	8-5-24	0951		5	2	1	1		1										X										24071451-011
12	G110	WT	G	8-5	1004		6	2	1	2		1									X	X										24071451-012
13	G111	WT	G	8-5	1028		5	2	1	1		1										X										24071451-013
14	G119	WT	G	8-5	1215		5	2	1	1		1										X										24071451-014
15	G120	WT	G	8-5	1242		6	2	1	2		1									X	X										24071451-015
16	G121	WT	G	8-5	1258		5	2	1	1		1										X										24071451-016

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
COF-24Q3 Rev 0		8-5	1708		8/5/24	1708	

SAMPLE CONDITIONS			
	Y	N	
Received on Ice (Y/N)	X		
Custody Sealed Cooler (Y/N)			
Samples Intact (Y/N)			

Temp in °C: 18.5 / 16.5 on ice

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Justin Cole

SIGNATURE of SAMPLER: Justin Cole DATE Signed (MM/DD/YY): 8-5-24

Added NaOH(95443) to G125. Added HNO3(99172) to G312. pH ✓ 8/6/24/8/6/24. dm 8/6/24

24071451

CHAIN-OF-CUSTODY / Analytical Request Document

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Page: 2 of 7

Section A Required Client Information:	Section B Required Project Information:	Section C Invoice Information:
Company: Vistra Corp-Coffeen	Report To: Brian Voelker	Attention: Brian Voelker
Address: 134 CIPS Lane	Copy To: Sam Davies: samantha.davies@vistracorp.com	Company Name: Vistra Corp
Coffeen, IL 62017	John Romang: John.Romang@vistracorp.com Rich Speraneo: Rich.Speraneo@vistracorp.com	Address: see Section A
Email To: Brian.Voelker@VistraCorp.com	Purchase Order No.:	Quote Reference:
Phone: (217) 763-8911 Fax:	Project Name: COF 2024 GW	Project Manager:
Requested Due Date/TAT: 10 day	Project Number: 1940106781-003	Profile #:

REGULATORY AGENCY

NPDES GROUND WATER DRINKING WATER

UST RCRA OTHER

Site Location STATE: IL

Requested Analysis Filtered (Y/N)

ITEM #	Section D Required Client Information / SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N	COF-257-101	COF-257-102	COF-257-103	COF-257-104	COF-257-105	COF-811-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104	COF-NE-103	COF-SUP-000	COF-WPCP-102	COF-WPCP-103-104	COF-WPCP-106	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	G122	WT	G	8-5	1313		5	2	1	1		1										X										24071451-017
2	G123	WT	G				5	2	1	1		1										X										24071451-018
3	G124	WT	G	8-5	1358		5	2	1	1		1										X										24071451-019
4	G125	WT	G	8-5	1410		6	2	1	2		1									X	X										24071451-020
5	G126	WT	G	8-5	1045		5	2	1	1		1										X										24071451-021
6	G151	WT	G				4	2		1		1																			X		24071451-022
7	G152	WT	G	8/5/24	1516		4	2		1		1																			X		24071451-023
8	G153	WT	G				4	2		1		1																			X		24071451-024
9	G154	WT	G				4	2		2		1																	X		X		24071451-025
10	G155	WT	G				4	2		1		1																			X		24071451-026
11	G200	WT	G				6	2	1	2		1							X		X				X					X			24071451-027
12	G206	WT	G				6	2	1	2		1							X						X					X			24071451-028
13	G206D	WT	G				2	1		1									X						X								24071451-029
14	G207	WT	G				6	2	1	2		1																		X			24071451-030
15	G208	WT	G				6	2	1	2		1																		X			24071451-031
16	G209	WT	G				6	2	1	2		1							X						X					X			24071451-032

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS	Y	N	
COF-24Q3 Rev 0		8-5	1708		8/5/24	1708				
							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 Cop

SIGNATURE of SAMPLER: DATE Signed (MM/DD/YY): 8-5-24

24071451

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-Coffeen	Report To: Brian Voelker	Attention: Brian Voelker
Address: 134 CIPS Lane	Copy To: Sam Davies: samantha.davies@vistracorp.com	Company Name: Vistra Corp
Coffeen, IL 62017	John Romang: John.Romang@vistracorp.com Rich Speraneo: Rich.Speraneo@vistracorp.com	Address: see Section A
Email To: Brian.Voelker@VistraCorp.com	Purchase Order No.:	Quote Reference:
Phone: (217) 753-8911 Fax:	Project Name: COF 2024 GW	Project Manager:
Requested Due Date/TAT: 10 day	Project Number: 1940106781-003	Profile #:

REGULATORY AGENCY

NPDES GROUND WATER DRINKING WATER

UST RCRA OTHER

Site Location STATE: IL

Requested Analysis Filtered (Y/N)

ITEM #	Section D Required Client Information: SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE	MATRIX: DRINKING WATER DW; WATER WT; WASTE WATER WW; PRODUCT P; SOIL/SOLID SL; OIL OL; WIPE WP; AIR AR; OTHER	MATRIX CODE (use 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	COF-257-101	COF-257-102	COF-257-103	COF-257-104	COF-257-105	COF-811-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104	COF-NE-103	COF-SUP-000	COF-WPCP-102	COF-WPCP-103-104	COF-WPCP-106	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	G275		WT	G				6	2	1	2		1								X						X						X			24071451-049
2	G275D		WT	G				2	1		1										X						X									24071451-050
3	G276		WT	G				6	2	1	2		1								X						X						X			24071451-051
4	G277		WT	G				6	2	1	2		1								X						X						X			24071451-052
5	G278		WT	G				6	2	1	2		1																				X			24071451-053
6	G279		WT	G				6	2	1	2		1								X						X			X	X					24071451-054
7	G280		WT	G				6	2	1	2		1						X		X				X		X				X	X				24071451-055
8	G281		WT	G				4	1		2		1					X	X						X	X				X						24071451-056
9	G283		WT	G				2	1		1										X						X									24071451-057
10	G284		WT	G				2	1		1										X						X									24071451-058
11	G285		WT	G				2	1		1										X						X									24071451-059
12	G301		WT	G	8/5/24	1036		2	1		1							X						X												24071451-060
13	G302		WT	G	8/5	TET255ILB		2	1		1							X						X												24071451-061
14	G303		WT	G				2	1		1							X						X												24071451-062
15	G305		WT	G				2	1		1							X						X												24071451-063
16	G306		WT	G				2	1		1							X						X												24071451-064

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS	Y	N	
COF-24Q3 Rev 0		8/5/24	1708		8/5/24	1708				

SAMPLER NAME AND SIGNATURE				
PRINT Name of SAMPLER: Tracy Carret		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): 8/5/2				

24071451

CHAIN-OF-CUSTODY / Analytical Request Document

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Page: 5 of 7

Section A Required Client Information:

Company:	Vistra Corp-Coffeen
Address:	134 CIPS Lane
	Coffeen, IL 62017
Email To:	Brian.Voelker@VistraCorp.com
Phone: (217) 753-8911	Fax:
Requested Due Date/TAT:	10 day

Section B Required Project Information:

Report To:	Brian Voelker
Copy To:	Sam Davies: samantha.davies@vistracorp.com
	John Romang: John.Romang@vistracorp.com
	Rich Speraneo: Rich.Speraneo@vistracorp.com
Purchase Order No.:	
Project Name:	COF 2024 GW
Project Number:	1940106781-003

Section C Invoice Information:

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

REGULATORY AGENCY

NPDES GROUND WATER DRINKING WATER

UST RCRA OTHER

Site Location STATE: IL

Section D Required Client Information

Valid Matrix Codes

MATRIX: DRINKING WATER DW; WATER WT; WASTE WATER WW; PRODUCT P; SOIL/SOLID SL; OIL OL; WIPE WP; AIR AR; 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	Y/N	Analysis Test	COF-257-101	COF-257-102	COF-257-103	COF-257-104	COF-257-105	COF-811-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104	COF-NE-103	COF-SUP-000	COF-WPCP-102	COF-WPCP-103-104	COF-WPCP-106	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	G307	WT	G				2	1		1								X						X								24071451-065
2	G307D	WT	G				2	1		1								X						X								24071451-066
3	G308	WT	G				2	1		1								X						X								24071451-067
4	G310	WT	G				2	1		1								X						X								24071451-068
5	G312	WT	G	8/5	1255		2	1		1								X						X								24071451-069
6	G313	WT	G				2	1		1								X						X								24071451-070
7	G314	WT	G				2	1		1								X						X								24071451-071
8	G314D	WT	G				2	1		1								X						X								24071451-072
9	G315	WT	G				2	1		1								X						X								24071451-073
10	G316	WT	G				2	1		1								X						X								24071451-074
11	G401	WT	G				4	1		2		1							X						X					X			24071451-075
12	G402	WT	G				4	1		2		1							X						X					X			24071451-076
13	G403	WT	G				4	1		2		1							X						X					X			24071451-077
14	G404	WT	G				4	1		2		1							X						X					X			24071451-078
15	G405	WT	G				4	1		2		1							X						X					X			24071451-079
16	G406	WT	G				4	1		2		1							X						X					X			24071451-080

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
COF-24Q3 Rev 0		8/5/24	1708		8/5/24	1708

SAMPLE CONDITIONS

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

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Tracy Carver

SIGNATURE of SAMPLER: Tracy Carver DATE Signed (MM/DD/YY): 8/5/24

24071451

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-Coffeen	Report To: Brian Voelker	Attention: Brian Voelker
Address: 134 CIPS Lane	Copy To: Sam Davies: samantha.davies@vistracorp.com	Company Name: Vistra Corp
Coffeen, IL 62017	John Romang: John.Romang@vistracorp.com Rich Speraneo: Rich.Speraneo@vistracorp.com	Address: see Section A
Email To: Brian.Voelker@VistraCorp.com	Purchase Order No.:	Quote Reference:
Phone: (217) 753-8911 Fax:	Project Name: COF 2024 GW	Project Manager:
Requested Due Date/TAT: 10 day	Project Number: 1940106781-003	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

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, 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: COF-257-101, COF-257-102, COF-257-103, COF-257-104, COF-257-105, COF-811-106, COF-845-101, COF-845-102, COF-845-103, COF-845-104, COF-NE-103, COF-SUP-000, COF-WPCP-102, COF-WPCP-103-104, COF-WPCP-106

Residual Chlorine (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE	SAMPLE TYPE	DATE	TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	COF-257-101	COF-257-102	COF-257-103	COF-257-104	COF-257-105	COF-811-106	COF-845-101	COF-845-102	COF-845-103	COF-845-104	COF-NE-103	COF-SUP-000	COF-WPCP-102	COF-WPCP-103-104	COF-WPCP-106	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	G407	WT	G				4	1		2		1					X						X					X				24071451-081
2	G410	WT	G				4	1		2		1																	X				24071451-082
3	G411	WT	G				4	1		2		1																	X				24071451-083
4	L201	WT	G				2	1		1										X												24071451-084
5	L202	WT	G				2	1		1										X												24071451-085
6	L203	WT	G				2	1		1										X												24071451-086
7	NE Riser	WT	G				2	1		1								X						X								24071451-087
8	R104	WT	G				7	2	2	2		1									X								X			24071451-088
9	R201	WT	G				6	2	1	2		1						X		X				X					X			24071451-089
10	R205	WT	G				6	2	1	2		1																	X				24071451-090
11	SG-02	WT	G				0									X	X					X	X									24071451-091
12	SG-03	WT	G				0									X	X					X	X									24071451-092
13	T127	WT	G	8-5	1128		6	2	1	2		1								X	X											24071451-093
14	T128	WT	G	8-5	1149		5	2	1	1		1									X											24071451-094
15	X201	WT	G				2	1		1									X						X							24071451-095
16	XSG-01	WT	G				0									X						X										24071451-096

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
COF-24Q3 Rev 0		8-5	1708		8/5/24	1708

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: Justin Cole

SIGNATURE of SAMPLER:

DATE Signed (MM/DD/YY): 8-5-24

24071451

CHAIN-OF-CUSTODY / Analytical Request Document

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Page: 7 of 7

Section A Required Client Information:

Company:	Vistra Corp-Coffeen
Address:	134 CIPS Lane
	Coffeen, IL 62017
Email To:	Brian.Voelker@VistraCorp.com
Phone: (217) 753-8911	Fax:
Requested Due Date/TAT:	10 day

Section B Required Project Information:

Report To:	Brian Voelker
Copy To:	Sam Davies: samantha.davies@vistracorp.com
	John Romang: John.Romang@vistracorp.com
	Rich Speraneo: Rich.Speraneo@vistracorp.com
Purchase Order No.:	
Project Name:	COF 2024 GW
Project Number:	1940106781-003

Section C Invoice Information:

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

REGULATORY AGENCY

NPDES GROUND WATER DRINKING WATER

UST RCRA OTHER

Site Location STATE: IL

Section D Required Client Information

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

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

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	COF-257-101	COF-257-102	COF-257-103	COF-257-104	COF-257-105	COF-811-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104	COF-NE-103	COF-SUP-000	COF-WPCP-102	COF-WPCP-103-104	COF-WPCP-106	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	Field Blank	WT	G				7	2	2	2		1						X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		24071451-097
2	G102 Duplicate	WT	G				7	2	2	2		1										X	X							X			24071451-098
3	G200 Duplicate	WT	G				6	2	1	2		1								X		X				X				X				24071451-099
4	G217 Duplicate	WT	G				6	2	1	2		1								X						X				X				24071451-100
5	G301 Duplicate	WT	G	8/5/24	1036		2	1		1								X						X										24071451-101
6	R201 Duplicate	WT	G				6	2	1	2		1								X		X				X				X				24071451-102
7	Equipment Blank 1	WT	G				7	2	2	2		1						X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		24071451-103
8																																		
9																																		
10																																		
11																																		
12																																		
13																																		
14																																		
15																																		
16																																		

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
COF-24Q3 Rev 0		8/5/24	1706		8/5/24	1708

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

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Tracy Carver

SIGNATURE of SAMPLER: Tracy Carver DATE Signed (MM/DD/YY): 8/5/24

CHAIN-OF-CUSTODY / Analytical Request Document

24071451

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Page: 1 of 7

Section A Required Client Information:	Section B Required Project Information:	Section C Invoice Information:
Company: Vistra Corp-Coffeen	Report To: Brian Voelker	Attention: Brian Voelker
Address: 134 CIPS Lane	Copy To: Sam Davies: samantha.davies@vistracorp.com	Company Name: Vistra Corp
Coffeen, IL 62017	John Romang: John.Romang@vistracorp.com Rich Speraneo: Rich.Speraneo@vistracorp.com	Address: see Section A
Email To: Brian.Voelker@VistraCorp.com	Purchase Order No.:	Quote Reference:
Phone: (217) 753-8911 Fax:	Project Name: COF 2024 GW	Project Manager:
Requested Due Date/TAT: 10 day	Project Number: 1940106781-003	Profile #:

REGULATORY AGENCY

NPDES GROUND WATER DRINKING WATER

UST RCRA OTHER

Site Location STATE: IL

Requested Analysis Filtered (Y/N)

ITEM #	Section D Required Client Information SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Y/N	Analysis Test	COF-257-101	COF-257-102	COF-257-103	COF-257-104	COF-257-105	COF-811-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104	COF-NE-103	COF-SUP-000	COF-WPCP-102	COF-WPCP-103-104	COF-WPCP-106	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	AP2D	WT	G				2	1		1									X					X									24071451-001
2	G1001	WT	G				2	1		1									X					X									24071451-002
3	G1003	WT	G				2	1		1									X					X				X					24071451-003
4	G101	WT	G				5	2	1	1		1											X										24071451-004
5	G102	WT	G	8-6	0913		7	2	2	2		1										X	X							X			24071451-005
6	G103	WT	G	8-6	1014		7	2	2	2		1											X							X			24071451-006
7	G105	WT	G	8-6	1101		7	2	2	2		1											X							X			24071451-007
8	G106	WT	G	8-6	1122		7	2	2	2		1										X	X							X			24071451-008
9	G107	WT	G	8-6	1144		5	2	1	1		1											X										24071451-009
10	G108	WT	G				5	2	1	1		1											X										24071451-010
11	G109	WT	G				5	2	1	1		1											X										24071451-011
12	G110	WT	G				6	2	1	2		1										X	X											24071451-012
13	G111	WT	G	8-6	0945		5	2	1	1		1											X										24071451-013
14	G119	WT	G				5	2	1	1		1											X										24071451-014
15	G120	WT	G				6	2	1	2		1										X	X											24071451-015
16	G121	WT	G				5	2	1	1		1											X										24071451-016

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
COF-24Q3 Rev 0		8/6	1500		8/6/24	1520	8.7	Y	N	
							LTCS			

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Justin Clp

SIGNATURE of SAMPLER: Justin Clp DATE Signed (MM/DD/YY): 8-6-24

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

pH ✓ 8/6/24 | 8/8/24
DMD 8/8/24

24071451

CHAIN-OF-CUSTODY / Analytical Request Document

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Page: 2 of 7

Section A Required Client Information:

Company:	Vistra Corp-Coffeen
Address:	134 CIPS Lane
	Coffeen, IL 62017
Email To:	Brian.Voelker@VistraCorp.com
Phone: (217) 753-8911	Fax:
Requested Due Date/TAT:	10 day

Section B Required Project Information:

Report To:	Brian Voelker
Copy To:	Sam Davies: samantha.davies@vistracorp.com
	John Romang: John.Romang@vistracorp.com
	Rich Speraneo: Rich.Speraneo@vistracorp.com
Purchase Order No.:	
Project Name:	COF 2024 GW
Project Number:	1940106781-003

Section C Invoice Information:

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

REGULATORY AGENCY

NPDES GROUND WATER DRINKING WATER

UST RCRA OTHER

Site Location STATE: IL

Section D Required Client Information

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

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	COF-257-101	COF-257-102	COF-257-103	COF-257-104	COF-257-105	COF-811-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104	COF-NE-103	COF-SUP-000	COF-WPCP-102	COF-WPCP-103-104	COF-WPCP-106	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	G122	WT	G				5	2	1	1		1										X										24071451-017
2	G123	WT	G				5	2	1	1		1										X										24071451-018
3	G124	WT	G				5	2	1	1		1										X										24071451-019
4	G125	WT	G				6	2	1	2		1									X	X										24071451-020
5	G126	WT	G				5	2	1	1		1										X										24071451-021
6	G151	WT	G				4	2		1		1																			X		24071451-022
7	G152	WT	G				4	2		1		1																			X		24071451-023
8	G153	WT	G				4	2		1		1																			X		24071451-024
9	G154	WT	G				4	2		2		1																	X		X		24071451-025
10	G155	WT	G				4	2		1		1																			X		24071451-026
11	G200	WT	G	8-6	1216		6	2	1	2		1								X		X				X				X			24071451-027
12	G206	WT	G				6	2	1	2		1								X						X				X			24071451-028
13	G206D	WT	G				2	1		1										X						X							24071451-029
14	G207	WT	G				6	2	1	2		1																		X			24071451-030
15	G208	WT	G				6	2	1	2		1																		X			24071451-031
16	G209	WT	G				6	2	1	2		1								X						X				X			24071451-032

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS		
COF-24Q3 Rev 0		8-6	1500		8/6/24	1520		Y	N

SAMPLER NAME AND SIGNATURE					
PRINT Name of SAMPLER:	Justin Lolp				
SIGNATURE of SAMPLER:		DATE Signed (MM/DD/YY):	8-6-24	Temp in °C	Received on Ice (Y/N) / Custody Sealed Cooler (Y/N) / Samples Intact (Y/N)

24071451

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-Coffeen	Report To: Brian Voelker	Attention: Brian Voelker
Address: 134 CIPS Lane	Copy To: Sam Davies: samantha.davies@vistracorp.com	Company Name: Vistra Corp
Coffeen, IL 62017	John Romang: John.Romang@vistracorp.com Rich Speraneo: Rich.Speraneo@vistracorp.com	Address: see Section A
Email To: Brian.Voelker@VistraCorp.com	Purchase Order No.:	Quote Reference:
Phone: (217) 753-8911 Fax:	Project Name: COF 2024 GW	Project Manager:
Requested Due Date/TAT: 10 day	Project Number: 1940106781-003	Profile #:

REGULATORY AGENCY

NPDES GROUND WATER DRINKING WATER

UST RCRA OTHER

Site Location STATE: IL

Requested Analysis Filtered (Y/N)

ITEM #	Section D Required Client Information: SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Y/N	Analysis Test	COF-257-101	COF-257-102	COF-257-103	COF-257-104	COF-257-105	COF-811-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104	COF-NE-103	COF-SUP-000	COF-WPCP-102	COF-WPCP-103-104	COF-WPCP-106	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	G210	WT	G				6	2	1	2		1																		X			24071451-033
2	G211	WT	G				6	2	1	2		1																		X			24071451-034
3	G212	WT	G				6	2	1	2		1								X					X					X			24071451-035
4	G213	WT	G				6	2	1	2		1								X					X					X			24071451-036
5	G214	WT	G	8.6.24	1218		6	2	1	2		1																		X			24071451-037
6	G215	WT	G	8.6.24	1119		6	2	1	2		1								X					X					X			24071451-038
7	G216	WT	G	8.6.24	1037		6	2	1	2		1																		X			24071451-039
8	G217	WT	G	8.6.24	939		6	2	1	2		1								X					X					X			24071451-040
9	G218	WT	G				6	2	1	2		1								X					X					X			24071451-041
10	G219	WT	G				3	1		2																	X						24071451-042
11	G220	WT	G				3	1		2																	X						24071451-043
12	G270	WT	G				6	2	1	2		1							X		X				X		X			X			24071451-044
13	G271	WT	G				6	2	1	2		1									X					X				X			24071451-045
14	G272	WT	G				6	2	1	2		1																		X			24071451-046
15	G273	WT	G				6	2	1	2		1									X					X				X			24071451-047
16	G274	WT	G				6	2	1	2		1																		X			24071451-048

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS	Y	N	
COF-24Q3 Rev 0		8-6	1500		8/6/24	1500				
							Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Tracy Carroll

SIGNATURE of SAMPLER: Tracy Carroll

DATE Signed (MM/DD/YY): 8.6.24

24071451

CHAIN-OF-CUSTODY / Analytical Request Document

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

Section A Required Client Information:

Company:	Vistra Corp-Coffeen
Address:	134 CIPS Lane
	Coffeen, IL 62017
Email To:	Brian.voelker@VistraCorp.com
Phone: (217) 753-8911	Fax:
Requested Due Date/TAT:	10 day

Section B Required Project Information:

Report To:	Brian Voelker
Copy To:	Sam Davies: samantha.davies@vistracorp.com
	John Romang: John.Romang@vistracorp.com
	Rich Speraneo: Rich.Speraneo@vistracorp.com
Purchase Order No.:	
Project Name:	COF 2024 GW
Project Number:	1940106781-003

Section C Invoice Information:

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

REGULATORY AGENCY

NPDES GROUND WATER DRINKING WATER

UST RCRA OTHER

Site Location STATE: IL

Section D Required Client Information

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

MATRIX: DRINKING WATER DW; WATER WT; WASTE WATER WW; PRODUCT P; SOIL/SOLID SL; OIL OL; WIPE WP; AIR AR; OTHER

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	COF-257-101	COF-257-102	COF-257-103	COF-257-104	COF-257-105	COF-811-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104	COF-NE-103	COF-SUP-000	COF-WPCP-102	COF-WPCP-103-104	COF-WPCP-106	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	G407	WT	G				4	1		2		1						X						X					X				24071451-081
2	G410	WT	G				4	1		2		1																	X				24071451-082
3	G411	WT	G				4	1		2		1																	X				24071451-083
4	L201	WT	G				2	1		1												X											24071451-084
5	L202	WT	G				2	1		1												X											24071451-085
6	L203	WT	G				2	1		1												X											24071451-086
7	NE Riser	WT	G				2	1		1										X					X								24071451-087
8	R104	WT	G	8-6	1037		7	2	2	2		1											X							X				24071451-088
9	R201	WT	G	8-6	1304		6	2	1	2		1								X		X			X					X				24071451-089
10	R205	WT	G	8.6.24	1306		6	2	1	2		1																		X				24071451-090
11	SG-02	WT	G				0										X	X						X	X									24071451-091
12	SG-03	WT	G				0										X	X						X	X									24071451-092
13	T127	WT	G				6	2	1	2		1										X	X											24071451-093
14	T128	WT	G				5	2	1	1		1											X											24071451-094
15	X201	WT	G				2	1		1											X					X								24071451-095
16	XSG-01	WT	G				0										X						X											24071451-096

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
COF-24Q3 Rev 0		8/6	1500		8/6/24	1500

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: Justin Gay

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 8-6-24

24071451

CHAIN-OF-CUSTODY / Analytical Request Document

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Page: 7 of 7

Section A Required Client Information:	Section B Required Project Information:	Section C Invoice Information:
Company: Vistra Corp-Coffeen	Report To: Brian Voelker	Attention: Brian Voelker
Address: 134 CIPS Lane	Copy To: Sam Davies: samantha.davies@vistracorp.com	Company Name: Vistra Corp
Coffeen, IL 62017	John Romang: John.Romang@vistracorp.com Rich Speraneo: Rich.Speraneo@vistracorp.com	Address: see Section A
Email To: Brian.Voelker@VistraCorp.com	Purchase Order No.:	Quote Reference:
Phone: (217) 753-8911 Fax:	Project Name: COF 2024 GW	Project Manager:
Requested Due Date/TAT: 10 day	Project Number: 1940106781-003	Profile #:

REGULATORY AGENCY

NPDES GROUND WATER DRINKING WATER

UST RCRA OTHER

Site Location STATE: IL

Section D Required Client Information

MATRIX: DRINKING WATER DW; WATER WT; WASTE WATER WW; PRODUCT P; SOIL/SOLID SL; OIL OL; WIPE WP; AIR AR; 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	Y/N	Analysis Test	COF-257-101	COF-257-102	COF-257-103	COF-257-104	COF-257-105	COF-811-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104	COF-NE-103	COF-SUP-000	COF-WPCP-102	COF-WPCP-103-104	COF-WPCP-106	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	Field Blank	WT	G				7	2	2	2		1						X	X	X	X	X	X	X	X	X	X	X	X	X	X		24071451-097
2	G102 Duplicate	WT	G	8-6	0913		7	2	2	2		1										X	X							X			24071451-098
3	G200 Duplicate	WT	G	8-6	1216		6	2	1	2		1								X		X				X				X			24071451-099
4	G217 Duplicate	WT	G	8.6.24	939		6	2	1	2		1								X						X				X			24071451-100
5	G301 Duplicate	WT	G				2	1		1								X						X									24071451-101
6	R201 Duplicate	WT	G	8-6	1304		6	2	1	2		1								X		X				X				X			24071451-102
7	Equipment Blank 1	WT	G				7	2	2	2		1						X	X	X	X	X	X	X	X	X	X	X	X	X	X		24071451-103
8																																	
9																																	
10																																	
11																																	
12																																	
13																																	
14																																	
15																																	
16																																	

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
COF-24Q3 Rev 0		8-6	1500		8/6/24	1500	

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:	Justin Colp	
SIGNATURE of SAMPLER:		DATE Signed (MM/DD/YY): 8-6-24

24071451

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-Coffeen	Report To: Brian Voelker	Attention: Brian Voelker
Address: 134 CIPS Lane	Copy To: Sam Davies: samantha.davies@vistracorp.com	Company Name: Vistra Corp
Coffeen, IL 62017	John Romang: John.Romang@vistracorp.com Rich Speraneo: Rich.Speraneo@vistracorp.com	Address: see Section A
Email To: Brian.Voelker@VistraCorp.com	Purchase Order No.:	Quote Reference:
Phone: (217) 753-8911 Fax:	Project Name: COF 2024 GW	Project Manager:
Requested Due Date/TAT: 10 day	Project Number: 1940106781-003	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

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: COF-257-101	COF-257-102	COF-257-103	COF-257-104	COF-257-105	COF-811-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104	COF-NE-103	COF-SUP-000	COF-WPCP-102	COF-WPCP-103-104	COF-WPCP-106	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	AP2D	WT	G	8.7.24	940		2	1		1								X					X									24071451-001
2	G1001	WT	G				2	1		1								X					X									24071451-002
3	G1003	WT	G				2	1		1								X					X				X					24071451-003
4	G101	WT	G				5	2	1	1		1										X										24071451-004
5	G102	WT	G				7	2	2	2		1									X	X							X			24071451-005
6	G103	WT	G				7	2	2	2		1										X							X			24071451-006
7	G105	WT	G				7	2	2	2		1										X							X			24071451-007
8	G106	WT	G				7	2	2	2		1									X	X							X			24071451-008
9	G107	WT	G				5	2	1	1		1										X										24071451-009
10	G108	WT	G				5	2	1	1		1										X										24071451-010
11	G109	WT	G				5	2	1	1		1										X										24071451-011
12	G110	WT	G				6	2	1	2		1									X	X										24071451-012
13	G111	WT	G				5	2	1	1		1										X										24071451-013
14	G119	WT	G				5	2	1	1		1										X										24071451-014
15	G120	WT	G				6	2	1	2		1									X	X										24071451-015
16	G121	WT	G				5	2	1	1		1										X										24071451-016

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
COF-24Q3 Rev 0	Tracy Carroll	8.7.24	1727	Shawn Dilsaver	8/7/24	1727	LTGS	Y	N	
							14.4	Y		

SAMPLER NAME AND SIGNATURE			Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER: Tracy Carroll						
SIGNATURE of SAMPLER: Tracy Carroll	DATE Signed (MM/DD/YY): 8.7.24					

w9Gust/89UGO

Added ANO3 to G285, L201, L202, L203, (99A72)

NO 8/8

24071451

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-Coffeen
Address:	134 CIPS Lane
	Coffeen, IL 62017
Email To:	Brian.Voelker@VistraCorp.com
Phone: (217) 753-8911	Fax:
Requested Due Date/TAT:	10 day

Section B Required Project Information:

Report To:	Brian Voelker
Copy To:	Sam Davies: samantha.davies@vistracorp.com
	John Romang: John.Romang@vistracorp.com
	Rich Speraneo: Rich.Speraneo@vistracorp.com
Purchase Order No.:	
Project Name:	COF 2024 GW
Project Number:	1940106781-003

Section C Invoice Information:

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

REGULATORY AGENCY

NPDES GROUND WATER DRINKING WATER

UST RCRA OTHER

Site Location STATE: IL

Section B Required Client Information

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

MATRIX: DRINKING WATER DW; WATER WT; WASTE WATER WW; PRODUCT P; SOIL/SOLID SL; OIL OL; WIPE WP; AIR AR; OTHER

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	COF-257-101	COF-257-102	COF-257-103	COF-257-104	COF-257-105	COF-811-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104	COF-NE-103	COF-SUP-000	COF-WPCP-102	COF-WPCP-103-104	COF-WPCP-106	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	G122	WT	G				5	2	1	1		1										X											24071451-017
2	G123	WT	G	8.7.24	1532		5	2	1	1		1										X											24071451-018
3	G124	WT	G				5	2	1	1		1										X											24071451-019
4	G125	WT	G				6	2	1	2		1									X	X											24071451-020
5	G126	WT	G				5	2	1	1		1										X											24071451-021
6	G151	WT	G				4	2		1		1																			X			24071451-022
7	G152	WT	G				4	2		1		1																			X			24071451-023
8	G153	WT	G				4	2		1		1																			X			24071451-024
9	G154	WT	G				4	2		2		1																	X		X			24071451-025
10	G155	WT	G				4	2		1		1																			X			24071451-026
11	G200	WT	G				6	2	1	2		1								X		X				X					X			24071451-027
12	G206	WT	G				6	2	1	2		1								X						X					X			24071451-028
13	G206D	WT	G				2	1		1										X						X								24071451-029
14	G207	WT	G				6	2	1	2		1																			X			24071451-030
15	G208	WT	G				6	2	1	2		1																			X			24071451-031
16	G209	WT	G				6	2	1	2		1								X						X					X			24071451-032

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
COF-24Q3 Rev 0	Brian Carroll	8.7.24	1727	Shon Dillard	8/7/24	1727

SAMPLE CONDITIONS: Y | Z

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Brian Carroll

SIGNATURE of SAMPLER: Brian Carroll 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)

24071451

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-Coffeen	Report To: Brian Voelker	Attention: Brian Voelker
Address: 134 CIPS Lane	Copy To: Sam Davies: samantha.davies@vistracorp.com	Company Name: Vistra Corp
Coffeen, IL 62017	John Romang: John.Romang@vistracorp.com Rich Speraneo: Rich.Speraneo@vistracorp.com	Address: see Section A
Email To: Brian.Voelker@VistraCorp.com	Purchase Order No.:	Quote Reference:
Phone: (217) 753-8911 Fax:	Project Name: COF 2024 GW	Project Manager:
Requested Due Date/TAT: 10 day	Project Number: 1940106781-003	Profile #:

REGULATORY AGENCY

NPDES GROUND WATER DRINKING WATER

UST RCRA OTHER

Site Location STATE: IL

Requested Analysis Filtered (Y/N)

ITEM #	Section D Required Client Information: SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Y/N Analysis Test	COF-257-101	COF-257-102	COF-257-103	COF-257-104	COF-257-105	COF-811-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104	COF-NE-103	COF-SUP-000	COF-WPCP-102	COF-WPCP-103-104	COF-WPCP-106	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	G210	WT	G				6	2	1	2		1																		X			24071451-033
2	G211	WT	G				6	2	1	2		1																		X			24071451-034
3	G212	WT	G				6	2	1	2		1							X						X					X			24071451-035
4	G213	WT	G				6	2	1	2		1							X						X					X			24071451-036
5	G214	WT	G				6	2	1	2		1																		X			24071451-037
6	G215	WT	G				6	2	1	2		1							X						X					X			24071451-038
7	G216	WT	G				6	2	1	2		1																		X			24071451-039
8	G217	WT	G				6	2	1	2		1							X						X					X			24071451-040
9	G218	WT	G				6	2	1	2		1							X						X					X			24071451-041
10	G219	WT	G				3	1		2																	X						24071451-042
11	G220	WT	G	8.7.24	1303		3	1		2																	X						24071451-043
12	G270	WT	G	8.7.24	1029		6	2	1	2		1						X		X				X		X			X	X			24071451-044
13	G271	WT	G				6	2	1	2		1								X					X					X			24071451-045
14	G272	WT	G				6	2	1	2		1																		X			24071451-046
15	G273	WT	G				6	2	1	2		1								X					X					X			24071451-047
16	G274	WT	G				6	2	1	2		1																		X			24071451-048

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
COF-24Q3 Rev 0	Tracy Carroll	8.7.24	1727	Unen Dilalls	8/7/24	1727

SAMPLE CONDITIONS

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

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Tracy Carroll

SIGNATURE of SAMPLER: Tracy Carroll DATE Signed (MM/DD/YY): 8.7.24

24071451

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-Coffeen	Report To: Brian Voelker	Attention: Brian Voelker
Address: 134 CIPS Lane	Copy To: Sam Davies: samantha.davies@vistracorp.com	Company Name: Vistra Corp
Coffeen, IL 62017	John Romang: John.Romang@vistracorp.com Rich Speraneo: Rich.Speraneo@vistracorp.com	Address: see Section A
Email To: Brian.Voelker@VistraCorp.com	Purchase Order No.:	Quote Reference:
Phone: (217) 753-8911 Fax:	Project Name: COF 2024 GW	Project Manager:
Requested Due Date/TAT: 10 day	Project Number: 1940106781-003	Profile #:

REGULATORY AGENCY

NPDES GROUND WATER DRINKING WATER

UST RCRA OTHER

Site Location STATE: IL

Requested Analysis Filtered (Y/N)

ITEM #	Section B 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	COF-257-101	COF-257-102	COF-257-103	COF-257-104	COF-257-105	COF-811-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104	COF-NE-103	COF-SUP-000	COF-WPCP-102	COF-WPCP-103-104	COF-WPCP-106	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	G275	WT	G				6	2	1	2		1								X						X				X			24071451-049
2	G275D	WT	G				2	1		1										X						X							24071451-050
3	G276	WT	G				6	2	1	2		1								X						X				X			24071451-051
4	G277	WT	G				6	2	1	2		1								X						X				X			24071451-052
5	G278	WT	G				6	2	1	2		1																		X			24071451-053
6	G279	WT	G				6	2	1	2		1								X						X			X	X			24071451-054
7	G280	WT	G				6	2	1	2		1						X		X				X		X			X	X			24071451-055
8	G281	WT	G				4	1		2		1					X	X					X	X					X				24071451-056
9	G283	WT	G	8.7.24	1352		2	1		1										X						X							24071451-057
10	G284	WT	G	8.7.24	1125		2	1		1										X						X							24071451-058
11	G285	WT	G	8.7.24	1203		2	1		1										X						X							24071451-059
12	G301	WT	G				2	1		1							X						X										24071451-060
13	G302	WT	G				2	1		1							X						X										24071451-061
14	G303	WT	G				2	1		1							X						X										24071451-062
15	G305	WT	G				2	1		1							X						X										24071451-063
16	G306	WT	G				2	1		1							X						X										24071451-064

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS	Y	N	
COF-24Q3 Rev 0	[signature]	8.7.24	1727	[signature]	8/7/24	1727				

SAMPLER NAME AND SIGNATURE					
PRINT Name of SAMPLER:	Tracy Carroll		Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
SIGNATURE of SAMPLER: [signature]	DATE Signed (MM/DD/YY): 8.7.24					

24071451

CHAIN-OF-CUSTODY / Analytical Request Document

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Page: 6 of 7

Section A Required Client Information:	Section B Required Project Information:	Section C Invoice Information:
Company: Vistra Corp-Coffeen	Report To: Brian Voelker	Attention: Brian Voelker
Address: 134 CIPS Lane	Copy To: Sam Davies: samantha.davies@vistracorp.com	Company Name: Vistra Corp
Coffeen, IL 62017	John Romang: John.Romang@vistracorp.com Rich Speraneo: Rich.Speraneo@vistracorp.com	Address: see Section A
Email To: Brian.Voelker@VistraCorp.com	Purchase Order No.:	Quote Reference:
Phone: (217) 753-8911 Fax:	Project Name: COF 2024 GW	Project Manager:
Requested Due Date/TAT: 10 day	Project Number: 1940106781-003	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

MATRIX: DRINKING WATER DW; WATER WT; WASTE WATER WW; PRODUCT SOL/SOLID P; OIL SL; WIPE OL; AIR WP; OTHER AR

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	COF-257-101	COF-257-102	COF-257-103	COF-257-104	COF-257-105	COF-811-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104	COF-NE-103	COF-SUP-000	COF-WPCP-102	COF-WPCP-103-104	COF-WPCP-106	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	G407	WT	G				4	1		2		1							X					X					X				24071451-081
2	G410	WT	G				4	1		2		1																		X				24071451-082
3	G411	WT	G				4	1		2		1																		X				24071451-083
4	L201	WT	G	8.7.24	1415		2	1		1												X											24071451-084
5	L202	WT	G	8.7.24	1420		2	1		1												X											24071451-085
6	L203	WT	G	8.7.24	1424		2	1		1												X											24071451-086
7	NE Riser	WT	G	8.7.24	1435		2	1		1										X						X							24071451-087
8	R104	WT	G				7	2	2	2		1											X								X			24071451-088
9	R201	WT	G				6	2	1	2		1									X		X			X					X			24071451-089
10	R205	WT	G				6	2	1	2		1																			X			24071451-090
11	SG-02	WT	G				0											X	X					X	X								24071451-091
12	SG-03	WT	G				0											X	X					X	X								24071451-092
13	T127	WT	G				8	2	1	2		1											X	X										24071451-093
14	T128	WT	G				5	2	1	1		1												X										24071451-094
15	X201	WT	G	8.7.24	1445		2	1		1												X					X							24071451-095
16	XSG-01	WT	G				0											X							X									24071451-096

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
COF-24Q3 Rev 0	Tracy Carroll	8-7-24	1727	Urban Dillard	8/7/24	1727

SAMPLE CONDITIONS

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

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Tracy Carroll

SIGNATURE of SAMPLER: Tracy Carroll DATE Signed (MM/DD/YY): 8-7-24

24071451

CHAIN-OF-CUSTODY / Analytical Request Document

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Page: 7 of 7

Section A Required Client Information:	Section B Required Project Information:	Section C Invoice Information:
Company: Vistra Corp-Coffeen	Report To: Brian Voelker	Attention: Brian Voelker
Address: 134 CIPS Lane	Copy To: Sam Davies: samantha.davies@vistracorp.com	Company Name: Vistra Corp
Coffeen, IL 62017	John Romang: John.Romang@vistracorp.com Rich Speraneo: Rich.Speraneo@vistracorp.com	Address: see Section A
Email To: Brian.Voelker@VistraCorp.com	Purchase Order No.:	Quote Reference:
Phone: (217) 753-8911 Fax:	Project Name: COF 2024 GW	Project Manager:
Requested Due Date/TAT: 10 day	Project Number: 1940106781-003	Profile #:

REGULATORY AGENCY

NPDES GROUND WATER DRINKING WATER

UST RCRA OTHER

Site Location STATE: IL

ITEM #	Section C 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	COF-257-101	COF-257-102	COF-257-103	COF-257-104	COF-257-105	COF-811-105	COF-845-101	COF-845-102	COF-845-103	COF-845-104	COF-NE-103	COF-SUP-000	COF-WPCP-102	COF-WPCP-103-104	COF-WPCP-106	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	Field Blank	WT	G	8.7.24	1449		7	2	2	2		1					X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		24071451-097
2	G102 Duplicate	WT	G				7	2	2	2		1									X	X							X				24071451-098
3	G200 Duplicate	WT	G				6	2	1	2		1							X		X				X				X				24071451-099
4	G217 Duplicate	WT	G				6	2	1	2		1							X						X				X				24071451-100
5	G301 Duplicate	WT	G				2	1		1							X						X										24071451-101
6	R201 Duplicate	WT	G				6	2	1	2		1							X		X				X				X				24071451-102
7	Equipment Blank 1	WT	G				7	2	2	2		1					X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		24071451-103
8																																	
9																																	
10																																	
11																																	
12																																	
13																																	
14																																	
15																																	
16																																	

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
COF-24Q3 Rev 0	Tracy Carroll	8.7.24	1727	Victoria Dilallo	8/7/24	1727

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

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Tracy Carroll

SIGNATURE of SAMPLER: Tracy Carroll DATE Signed (MM/DD/YY): 8.7.24

Site Samping Event: COF-24Q3
LIMS Workorder: 24071451
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Summary
Coffeen- 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	AP2D	Groundwater Sample	67.0	None	SW	Cloudy	Good	Good	Good	Yes	No
002	G1001	Groundwater Sample	76.0	None	NE	Partly cloudy	Good	Good	Good	Yes	Yes
003	G1003	Groundwater Sample	92.0	None	NE	Clear	Good	Good	Good	Yes	Yes
004	G101	Groundwater Sample	92.0	None	NE	Clear	Good	Good	Good	Yes	Yes
005	G102	Groundwater Sample	80.0	None	NE	Clear	Good	Good	Good	Yes	Yes
006	G103	Groundwater Sample	85.0	None	NE	Clear	Good	Good	Good	Yes	Yes
007	G105	Groundwater Sample	88.0	None	NE	Clear	Good	Good	Good	Yes	Yes
008	G106	Groundwater Sample	89.0	None	NE	Clear	Good	Good	Good	Yes	Yes
009	G107	Groundwater Sample	89.0	None	NE	Clear	Good	Good	Good	Yes	Yes
010	G108	Groundwater Sample	80.0	None	NE	Clear	Good	Good	Good	Yes	Yes
011	G109	Groundwater Sample	80.0	None	NE	Clear	Good	Good	Good	Yes	Yes
012	G110	Groundwater Sample	84.0	None	NE	Clear	Good	Good	Good	Yes	Yes
013	G111	Groundwater Sample	84.0	None	NE	Clear	Good	Good	Good	Yes	Yes
014	G119	Groundwater Sample	90.0	None	NE	Clear	Good	Good	Good	Yes	Yes
015	G120	Groundwater Sample	90.0	None	NE	Clear	Good	Good	Good	Yes	Yes
016	G121	Groundwater Sample	91.0	None	NE	Clear	Good	Good	Good	Yes	Yes
017	G122	Groundwater Sample	91.0	None	NE	Clear	Good	Good	Good	Yes	Yes
018	G123	Groundwater Sample	67.0	None	SW	Cloudy	Good	Good	Good	Yes	Yes
019	G124	Groundwater Sample	92.0	None	NE	Clear	Good	Good	Good	Yes	Yes
020	G125	Groundwater Sample	92.0	None	NE	Clear	Good	Good	Good	Yes	Yes
021	G126	Groundwater Sample	86.0	None	NE	Clear	Good	Good	Good	Yes	Yes
022	G151	Groundwater Sample	82.0	None	E	Cloudy	Good	Good	Good	Yes	Yes
023	G152	Groundwater Sample	92.0	None	NE	Clear	Good	Good	Good	Yes	Yes
024	G153	Groundwater Sample	88.0	None	E	Cloudy	Good	Good	Good	Yes	Yes
025	G154	Groundwater Sample	87.0	None	E	Partly cloudy	Good	Good	Good	Yes	Yes
026	G155	Groundwater Sample	85.0	None	E	Cloudy	Good	Good	Good	Yes	Yes
027	G200	Groundwater Sample	90.0	None	NE	Clear	Good	Good	Good	Yes	Yes
028	G206	Groundwater Sample	90.0	None	N	Clear	Good	Good	Good	Yes	Yes
029	G206D	Groundwater Sample	90.0	None	N	Clear	Good	Good	Good	Yes	Yes
030	G207	Groundwater Sample	86.0	None	N	Clear	Good	Good	Good	Yes	Yes
031	G208	Groundwater Sample	83.0	None	N	Clear	Good	Good	Good	Yes	Yes
032	G209	Groundwater Sample	85.0	None	N	Clear	Good	Good	Good	Yes	Yes
033	G210	Groundwater Sample	85.0	None	N	Clear	Good	Good	Good	Yes	Yes
034	G211	Groundwater Sample	80.0	None	NE	Clear	Good	Good	Good	Yes	Yes
035	G212	Groundwater Sample	82.0	None	E	Partly cloudy	Good	Good	Good	Yes	Yes

Site Samping Event: COF-24Q3
LIMS Workorder: 24071451
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Summary
Coffeen- 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**
036	G213	Groundwater Sample	82.0	Light	E	Cloudy	Good	Good	Good	Yes	Yes
037	G214	Groundwater Sample	89.0	None	E	Partly cloudy	Good	Good	Good	Yes	Yes
038	G215	Groundwater Sample	88.0	None	E	Clear	Good	Good	Good	Yes	Yes
039	G216	Groundwater Sample	88.0	None	E	Clear	Good	Good	Good	Yes	Yes
040	G217	Groundwater Sample	83.0	None	SE	Clear	Good	Good	Good	Yes	Yes
041	G218	Groundwater Sample	82.0	None	E	Cloudy	Good	Good	Good	Yes	Yes
042	G219	Groundwater Sample	84.0	None	E	Cloudy	Good	Good	Good	Yes	Yes
043	G220	Groundwater Sample	67.0	None	W	Cloudy	Good	Good	Good	Yes	Yes
044	G270	Groundwater Sample	67.0	None	W	Cloudy	Good	Good	Good	Yes	Yes
045	G271	Groundwater Sample	85.0	None	E	Cloudy	Good	Good	Good	Yes	Yes
046	G272	Groundwater Sample	84.0	None	E	Cloudy	Good	Good	Good	Yes	Yes
047	G273	Groundwater Sample	85.0	None	E	Cloudy	Good	Good	Good	Yes	Yes
048	G274	Groundwater Sample	90.0	None	N	Partly cloudy	Good	Good	Good	Yes	Yes
049	G275	Groundwater Sample	86.0	None	NE	Clear	Good	Good	Good	Yes	Yes
050	G275D	Groundwater Sample	85.0	None	NE	Partly cloudy	Good	Good	Good	Yes	Yes
051	G276	Groundwater Sample	85.0	None	E	Cloudy	Good	Good	Good	Yes	Yes
052	G277	Groundwater Sample	88.0	None	N	Partly cloudy	Good	Good	Good	Yes	Yes
053	G278	Groundwater Sample	90.0	None	N	Cloudy	Good	Good	Good	Yes	Yes
054	G279	Groundwater Sample	86.0	None	N	Partly cloudy	Good	Good	Good	Yes	Yes
055	G280	Groundwater Sample	86.0	None	N	Partly cloudy	Good	Good	Good	Yes	Yes
056	G281	Groundwater Sample	83.0	None	N	Partly cloudy	Good	Good	Good	Yes	Yes
057	G283	Groundwater Sample	68.0	None	W	Cloudy	Good	Good	Good	Yes	Yes
058	G284	Groundwater Sample	67.0	None	SW	Cloudy	Good	Good	Good	Yes	Yes
059	G285	Groundwater Sample	67.0	None	SW	Cloudy	Good	Good	Good	Yes	Yes
060	G301	Groundwater Sample	85.0	None	NE	Clear	Good	Good	Good	Yes	Yes
061	G302	Groundwater Sample	92.0	None	NE	Clear	Good	Good	Good	Yes	Yes
062	G303	Groundwater Sample	83.0	None	SE	Cloudy	Good	Good	Good	Yes	Yes
063	G305	Groundwater Sample	79.0	Light	E	Partly cloudy	Good	Good	Good	Yes	Yes
064	G306	Groundwater Sample	78.0	None	E	Clear	Good	Good	Good	Yes	Yes
065	G307	Groundwater Sample	80.0	None	N	Partly cloudy	Good	Good	Good	Yes	Yes
066	G307D	Groundwater Sample	79.0	None	N	Partly cloudy	Good	Good	Good	Yes	Yes
067	G308	Groundwater Sample	80.0	None	E	Cloudy	Good	Good	Good	Yes	Yes
068	G310	Groundwater Sample	80.0	None	E	Cloudy	Good	Good	Good	Yes	Yes
069	G312	Groundwater Sample	93.0	None	NE	Clear	Good	Good	Good	Yes	Yes
070	G313	Groundwater Sample	81.0	None	SE	Cloudy	Good	Good	Good	Yes	Yes

Site Samping Event: COF-24Q3
LIMS Workorder: 24071451
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Summary
Coffeen- 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**
071	G314	Groundwater Sample	81.0	None	SE	Cloudy	Good	Good	Good	Yes	Yes
072	G314D	Groundwater Sample	86.0	None	E	Partly cloudy	Good	Good	Good	Yes	Yes
073	G315	Groundwater Sample	84.0	None	SE	Partly cloudy	Good	Good	Good	Yes	Yes
074	G316	Groundwater Sample	86.0	None	E	Partly cloudy	Good	Good	Good	Yes	Yes
075	G401	Groundwater Sample	74.0	None	NW	Clear	Good	Good	Good	Yes	Yes
076	G402	Groundwater Sample	88.0	None	NW	Partly cloudy	Good	Good	Good	Yes	Yes
077	G403	Groundwater Sample	80.0	None	N	Partly cloudy	Good	Good	Good	Yes	Yes
078	G404	Groundwater Sample	87.0	None	E	Cloudy	Good	Good	Good	Yes	Yes
079	G405	Groundwater Sample	89.0	None	E	Cloudy	Good	Good	Good	Yes	Yes
080	G406	Groundwater Sample	81.0	None	E	Partly cloudy	Good	Good	Good	Yes	Yes
081	G407	Groundwater Sample	82.0	Light	E	Partly cloudy	Good	Good	Good	Yes	Yes
082	G410	Groundwater Sample	75.0	None	SE	Partly cloudy	Good	Good	Good	Yes	Yes
083	G411	Groundwater Sample	76.0	None	SE	Partly cloudy	Good	Good	Good	Yes	Yes
084	L201	Leachate Sample	67.0	None	SW	Cloudy	Good	Good	Good	Yes	Yes
085	L202	Leachate Sample	67.0	None	SW	Cloudy	Good	Good	Good	Yes	Yes
086	L203	Leachate Sample	67.0	None	SW	Cloudy	Good	Good	Good	Yes	Yes
087	NE Riser	Leachate Sample	67.0	None	SW	Cloudy	Good	Good	Good	Yes	Yes
088	R104	Groundwater Sample	87.0	None	NE	Partly cloudy	Good	Good	Good	Yes	Yes
089	R201	Groundwater Sample	91.0	None	NE	Clear	Good	Good	Good	Yes	Yes
090	R205	Groundwater Sample	89.0	None	E	Partly cloudy	Good	Good	Good	Yes	Yes
091	SG-02	DTW Only	90.0	None	NE	Clear					
092	SG-03	DTW Only	90.0	None	NE	Clear					
093	T127	Groundwater Sample	87.0	None	NE	Clear	Good	Good	Good	Yes	Yes
094	T128	Groundwater Sample	89.0	None	NE	Clear	Good	Good	Good	Yes	Yes
095	X201	Leachate Sample	67.0	None	SW	Cloudy	Good	Good	Good	Yes	Yes
096	XSG-01	DTW Only	90.0	None	NE	Clear					
097	Field Blank	QA/QC Sample	67.0	None	SW	Cloudy					
098	G102 Duplicate	QA/QC Sample	80.0	None	NE	Clear	Good	Good	Good	Yes	Yes
099	G200 Duplicate	QA/QC Sample	90.0	None	NE	Clear	Good	Good	Good	Yes	Yes
100	G217 Duplicate	QA/QC Sample	83.0	None	SE	Clear	Good	Good	Good	Yes	Yes
101	G301 Duplicate	QA/QC Sample	85.0	None	NE	Clear	Good	Good	Good	Yes	Yes
102	R201 Duplicate	QA/QC Sample	91.0	None	NE	Clear	Good	Good	Good	Yes	Yes
103	G111	Groundwater Sample	89.0	None	E	Partly cloudy	Good	Good	Good	Yes	Yes
103	Equipment Blank 1	QA/QC Sample									

Site Samping Event: COF-24Q3
LIMS Workorder: 24071451
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Summary
Coffeen- 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	AP2D	TAC	8/7/24 9:05	20.80	35.43	TAC	8/7/2024	09:12	09:40	Peristaltic Pump	4"	5.0	178.6
002	G1001	BG	8/2/24 10:02	6.08	13.79	BG	8/2/2024	10:02	10:26	Peristaltic Pump	2"	3.5	145.8
003	G1003	PY	8/5/24 13:40	10.92	11.15								
004	G101	JC	8/5/24 14:24	6.58	24.30	JC	8/5/2024	14:25	14:37	Bladder Pump	2"	2.5	208.3
005	G102	JC	8/6/24 8:59	5.93	20.00	JC	8/6/2024	09:00	09:13	Bladder Pump	2"	2.5	192.3
006	G103	JC	8/6/24 9:58	10.68	26.90	JC	8/6/2024	09:58	10:14	Bladder Pump	2"	3.0	187.5
007	G105	JC	8/6/24 10:49	9.16	27.70	JC	8/6/2024	10:49	11:01	Bladder Pump	2"	2.0	166.7
008	G106	JC	8/6/24 11:06	10.55	25.60	JC	8/6/2024	11:06	11:22	Bladder Pump	2"	3.0	187.5
009	G107	JC	8/6/24 11:25	11.23	22.70	JC	8/6/2024	11:25	11:44	Bladder Pump	2"	4.0	210.5
010	G108	JC	8/5/24 9:10	12.03	26.60	JC	8/5/2024	09:11	09:31	Bladder Pump	2"	3.0	150.0
011	G109	JC	8/5/24 9:35	12.40	26.30	JC	8/5/2024	09:36	09:51	Bladder Pump	2"	2.5	166.7
012	G110	JC	8/5/24 9:55	13.18	27.50	JC	8/5/2024	09:56	10:09	Bladder Pump	2"	2.5	192.3
013	G111	JC	8/5/24 10:13	14.22	24.30	JC	8/5/2024	10:13	10:28	Bladder Pump	2"	2.5	166.7
014	G119	JC	8/5/24 11:52	15.53	27.40	JC	8/5/2024	11:52	12:15	Bladder Pump	2"	4.0	173.9
015	G120	JC	8/5/24 12:19	16.04	26.70	JC	8/5/2024	12:19	12:42	Bladder Pump	2"	4.5	195.7
016	G121	JC	8/5/24 12:46	17.80	29.10	JC	8/5/2024	12:46	12:58	Bladder Pump	2"	2.5	208.3
017	G122	JC	8/5/24 13:01	18.06	26.50	JC	8/5/2024	13:01	13:13	Bladder Pump	2"	2.5	208.3
018	G123	PY	8/7/24 15:03	15.21	30.90	TAC	8/7/2024	15:05	15:32	Peristaltic Pump	2"	6.0	222.2
019	G124	JC	8/5/24 13:40	16.36	26.70	JC	8/5/2024	13:40	13:58	Bladder Pump	2"	3.5	194.4
020	G125	JC	8/5/24 14:02	16.29	26.70	JC	8/5/2024	14:02	14:20	Bladder Pump	2"	3.5	194.4
021	G126	JC	8/5/24 10:31	10.49	20.40	JC	8/5/2024	10:31	10:45	Bladder Pump	2"	2.0	142.9
022	G151	JC	8/1/24 11:29	11.74	23.60	JC	8/1/2024	11:29	11:48	Bladder Pump	2"	4.0	210.5
023	G152	TAC	8/5/24 14:23	11.52	22.00	TAC	8/5/2024	14:23	15:16	Peristaltic Pump	2"	14.0	264.2
024	G153	JC	8/1/24 13:38	13.21	23.90	JC	8/1/2024	13:39	13:55	Bladder Pump	2"	3.5	218.8
025	G154	JC	8/1/24 12:53	13.40	22.80	JC	8/1/2024	12:53	13:09	Bladder Pump	2"	3.0	187.5
026	G155	JC	8/1/24 12:11	12.81	26.20	JC	8/1/2024	12:12	12:36	Bladder Pump	2"	5.0	208.3
027	G200	JC	8/6/24 11:59	4.51	20.70	JC	8/6/2024	12:01	12:16	Peristaltic Pump	2"	2.0	133.3
028	G206	BG	7/30/24 13:18	18.13	26.30	BG	7/30/2024	13:18	13:36	Bladder Pump	2"	3.5	194.4
029	G206D	BG	7/30/24 12:42	26.95	62.12	BG	7/30/2024	12:42	13:06	Bladder Pump	2"	3.0	125.0
030	G207	BG	7/30/24 12:08	13.76	26.60	BG	7/30/2024	12:08	12:25	Peristaltic Pump	2"	3.0	176.5
031	G208	BG	7/30/24 9:47	12.18	26.60	BG	7/30/2024	09:47	10:16	Bladder Pump	2"	2.5	86.2
032	G209	BG	7/30/24 10:31	11.75	25.50	BG	7/30/2024	09:47	11:09	Bladder Pump	2"	4.0	48.8
033	G210	BG	7/30/24 11:25	11.89	25.00	BG	7/30/2024	11:25	11:47	Bladder Pump	2"	5.0	227.3
034	G211	BG	8/1/24 9:12	12.47	26.30	BG	8/1/2024	09:12	09:46	Bladder Pump	2"	5.0	147.1
035	G212	bg	8/1/24 9:58	13.53	82.00	BG	8/1/2024	09:58	10:19	Bladder Pump	2"	3.5	166.7

Site Samping Event: COF-24Q3
LIMS Workorder: 24071451
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Summary
Coffeen- 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)
036	G213	BG	8/1/24 10:39	14.52	82.00	BG	8/1/2024	10:39	11:15	Bladder Pump	2"	4.5	125.0
037	G214	PY	8/6/24 11:52	16.50	26.50	PY	8/6/2024	11:52	12:18	Bladder Pump	2"	6.0	230.8
038	G215	PY	8/6/24 10:59	15.84	26.90	PY	8/6/2024	10:59	11:19	Bladder Pump	2"	3.0	150.0
039	G216	PY	8/6/24 10:18	15.04	28.50	PY	8/6/2024	10:18	10:37	Bladder Pump	2"	4.5	236.8
040	G217	PY	8/6/24 8:57	16.42	28.40	PY	8/6/2024	08:59	09:39	Bladder Pump	2"	14.0	350.0
041	G218	BG	7/31/24 9:27	14.71	28.50	BG	7/31/2024	09:27	10:03	Bladder Pump	2"	4.0	111.1
042	G219	BG	7/31/24 10:31	7.55	18.53	BG	7/31/2024	10:31	11:16	Peristaltic Pump	2"	6.0	133.3
043	G220	DC	8/7/24 12:40	14.18	27.52	DC	8/7/2024	12:45	13:03	Peristaltic Pump	2"	2.0	111.1
044	G270	DC	8/7/24 9:58	7.59	20.40	TAC	8/7/2024	10:05	10:29	Bladder Pump	2"	3.0	125.0
045	G271	JC	7/31/24 11:02	10.93	18.70	JC	7/31/2024	11:03	11:24	Bladder Pump	2"	4.0	190.5
046	G272	JC	7/31/24 10:25	11.02	17.40	JC	7/31/2024	10:25	10:43	Bladder Pump	2"	3.0	166.7
047	G273	JC	7/31/24 9:46	10.87	18.90	JC	7/31/2024	09:48	10:02	Bladder Pump	2"	2.5	178.6
048	G274	JC	7/30/24 13:31	14.20	20.40	JC	7/30/2024	13:31	13:51	Bladder Pump	2"	3.0	150.0
049	G275	BG	8/1/24 12:17	13.29	15.30	BG	8/1/2024	12:15	12:27	Bladder Pump	2"	2.0	166.7
050	G275D	BG	8/1/24 11:45	39.67	62.70	BG	8/1/2024	11:45	12:14	Bladder Pump	2"	3.5	120.7
051	G276	BG	7/31/24 11:45	27.79	30.90	BG	7/31/2024	11:45	12:33	Peristaltic Pump	2"	2.5	52.1
052	G277	JC	7/30/24 12:22	19.99	22.30	JC	7/30/2024	12:20	12:39	Bladder Pump	2"	2.5	131.6
053	G278	BG	7/31/24 12:45	23.03	26.40	BG	7/31/2024	12:45	13:13	Bladder Pump	2"	3.0	107.1
054	G279	JC	7/30/24 10:40	23.89	30.80	JC	7/30/2024	10:40	10:56	Bladder Pump	2"	3.0	187.5
055	G280	JC	7/30/24 11:25	5.49	20.20	JC	7/30/2024	11:25	11:50	Bladder Pump	2"	5.0	200.0
056	G281	JC	7/30/24 9:44	6.21	22.80	JC	7/30/2024	09:48	10:13	Bladder Pump	2"	4.0	160.0
057	G283	TAC	8/7/24 13:29	5.46	20.80	TAC	8/7/2024	13:29	13:52	Bladder Pump	2"	4.5	195.7
058	G284	DC	8/7/24 10:48	11.04	16.30	TAC	8/7/2024	10:49	11:25	Bladder Pump	2"	6.0	166.7
059	G285	DC	8/7/24 11:44	4.96	26.80	TAC	8/7/2024	11:45	12:03	Bladder Pump	2"	2.0	111.1
060	G301	PY	8/5/24 9:57	8.03	18.60	PY	8/5/2024	10:05	10:36	Peristaltic Pump	2"	4.5	145.2
061	G302	PY	8/5/24 11:19	11.96	20.50	PY	8/5/2024	11:19	11:43	Bladder Pump	2"	4.5	187.5
062	G303	PY	7/31/24 13:17	6.81	23.30	TAC	7/31/2024	13:17	13:49	Bladder Pump	2"	6.0	187.5
063	G305	PY	8/1/24 10:05	8.22	21.50	TAC	8/1/2024	10:06	10:28	Bladder Pump	2"	3.0	136.4
064	G306	PY	8/1/24 8:55	7.22	20.90	TAC	8/1/2024	08:56	09:44	Bladder Pump	2"	11.0	229.2
065	G307	TAC	8/1/24 11:51	0.89	20.60	TAC	8/1/2024	11:51	12:13	Peristaltic Pump	2"	6.0	272.7
066	G307D	PY	8/1/24 11:05	6.34	62.00	TAC	8/1/2024	11:06	11:41	Bladder Pump	2"	6.5	185.7
067	G308	PY	8/1/24 12:37	5.02	18.20	TAC	8/1/2024	12:39	12:56	Bladder Pump	2"	3.0	176.5
068	G310	PY	8/1/24 13:26	9.56	18.40	TAC	8/1/2024	13:27	13:47	Bladder Pump	2"	4.0	200.0
069	G312	PY	8/5/24 12:08	13.75	17.80	PY	8/5/2024	12:09	12:55	Bladder Pump	2"	8.5	184.8
070	G313	PY	7/31/24 12:24	2.93	14.30	TAC	7/31/2024	12:25	12:53	Bladder Pump	2"	4.5	160.7

Site Samping Event: COF-24Q3
LIMS Workorder: 24071451
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Summary
Coffeen- 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)**
071	G314	PY	7/31/24 11:22	4.49	22.80	TAC	7/31/2024	11:22	11:48	Bladder Pump	2"	4.5	173.1
072	G314D	PY	7/31/24 10:16	6.79	52.30	TAC	7/31/2024	10:16	10:52	Bladder Pump	2"	4.5	125.0
073	G315	PY	7/31/24 14:14	2.64	17.40	TAC	7/31/2024	14:16	14:38	Bladder Pump	2"	3.5	159.1
074	G316	PY	7/31/24 9:26	11.51	18.10	TAC	7/31/2024	09:34	09:53	Bladder Pump	2"	4.0	210.5
075	G401	BG	8/2/24 9:01	21.72	21.80	BG	8/2/2024	09:01	09:24	Bladder Pump	2"	1.5	65.2
076	G402	BG	8/1/24 13:50	10.86	23.40	BG	8/1/2024	13:50	14:16	Bladder Pump	2"	4.0	153.8
077	G403	JC	8/1/24 8:56	6.50	20.80	JC	8/1/2024	08:58	09:16	Bladder Pump	2"	3.0	166.7
078	G404	JC	7/31/24 12:06	4.40	14.10	JC	7/31/2024	12:06	12:19	Bladder Pump	2"	2.5	192.3
079	G405	JC	7/31/24 12:44	5.66	16.40	JC	7/31/2024	12:44	12:57	Bladder Pump	2"	2.5	192.3
080	G406	JC	8/1/24 9:44	10.81	22.30	JC	8/1/2024	09:44	10:00	Bladder Pump	2"	3.0	187.5
081	G407	JC	8/1/24 10:33	5.35	23.00	JC	8/1/2024	10:33	10:51	Bladder Pump	2"	3.0	166.7
082	G410	JC	8/2/24 8:57	8.69	16.70	JC	8/2/2024	08:59	09:12	Bladder Pump	2"	2.5	192.3
083	G411	JC	8/2/24 9:48	7.53	19.20	JC	8/2/2024	09:48	10:02	Bladder Pump	2"	2.5	178.6
084	L201	TAC	8/7/24 14:12	17.00	-	TAC	8/7/2024	14:14	14:15	Direct Grab		-	-
085	L202	TAC	8/7/24 14:18	20.00	-	TAC	8/7/2024	14:18	14:20	Direct Grab		-	-
086	L203	TAC	8/7/24 14:22	16.30	-	TAC	8/7/2024	14:22	14:24	Direct Grab		-	-
087	NE Riser	TAC	8/7/24 14:32	16.69		TAC	8/7/2024	14:32	14:35	Bladder Pump			
088	R104	JC	8/6/24 10:24	8.50	22.70	JC	8/6/2024	10:24	10:37	Bladder Pump	2"	3.0	230.8
089	R201	JC	8/6/24 12:38	4.40	22.20	JC	8/6/2024	12:40	13:04	Peristaltic Pump	2"	4.5	187.5
090	R205	PY	8/6/24 12:39	8.23	19.00	PY	8/6/2024	12:39	13:06	Bladder Pump	2"	10.0	370.4
091	SG-02	TAC	7/30/24 10:24	7.13	-								
092	SG-03	TAC	7/30/24 12:50	8.69	-								
093	T127	JC	8/5/24 10:52	14.98	21.28	JC	8/5/2024	10:56	11:28	Peristaltic Pump	2"	5.0	156.3
094	T128	JC	8/5/24 11:33	14.69	28.70	JC	8/5/2024	11:33	11:49	Bladder Pump	2"	3.0	187.5
095	X201	DC	8/7/24 14:42	21.28	-	DC	8/7/2024	14:40	14:45	Direct Grab			
096	XSG-01	TAC	7/30/24 11:58	6.33	-								
097	Field Blank	-	-	-	-	DC	-	-	-	Direct Grab		-	-
098	G102 Duplicate	JC	8/6/24 8:59	5.93	20.00	JC	8/6/2024	09:00	09:13	Bladder Pump	2"	2.5	192.3
099	G200 Duplicate	JC	8/6/24 11:59	4.51	20.70	JC	8/6/2024	12:01	12:16	Peristaltic Pump	2"	2.0	133.3
100	G217 Duplicate	PY	8/6/24 8:57	16.42	28.40	PY	8/6/2024	08:59	09:39	Bladder Pump	2"	14.0	350.0
101	G301 Duplicate	PY	8/5/24 9:57	8.03	18.60	PY	8/5/2024	10:05	10:36	Peristaltic Pump	2"	4.5	145.2
102	R201 Duplicate	JC	8/6/24 12:38	4.40	22.20	JC	8/6/2024	12:40	13:04	Peristaltic Pump	2"	4.5	187.5
103	G111	JC	8/6/24 9:30	14.26	24.30	JC	8/6/2024	09:30	09:45	Bladder Pump	2"	2.5	166.7
103	Equipment Blank 1												

Site Samping Event: COF-24Q3
LIMS Workorder: 24071451
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Summary
Coffeen- 3Q 2024

WO Sample	Well ID	Sampling Activities and Observations										
		Sampler Initials	Date	Time	Sampling Method	Instrument ID	Field Filtered	Appearance	Odor	Color	Post-Sample DTW (ft)	Drawdown (ft)
001	AP2D	TAC	08/07/24	09:40	Low Flow	223344	No	Clear	None	None	20.91	0.11
002	G1001	BG	08/02/24	10:26	Low Flow	45985	Yes	Clear	None	CLEAR	6.91	0.83
003	G1003											
004	G101	JC	08/05/24	14:37	Low Flow	218074	Yes	Clear	None	none	6.58	0
005	G102	JC	08/06/24	09:13	Low Flow	218074	Yes	Clear	None	none	6.00	0.07
006	G103	JC	08/06/24	10:14	Low Flow	218074	Yes	Clear	None	none	10.68	0
007	G105	JC	08/06/24	11:01	Low Flow	218074	Yes	Clear	Strong	none	9.16	0
008	G106	JC	08/06/24	11:22	Low Flow	218074	Yes	Clear	None	none	10.55	0
009	G107	JC	08/06/24	11:44	Low Flow	218074	Yes	Clear	None	none	11.23	0
010	G108	JC	08/05/24	09:31	Low Flow	218074	Yes	Clear	None	none	12.03	0
011	G109	JC	08/05/24	09:51	Low Flow	218074	Yes	Clear	None	none	12.40	0
012	G110	JC	08/05/24	10:09	Low Flow	218074	Yes	Clear	None	none	13.18	0
013	G111	JC	08/05/24	10:28	Low Flow	218074	Yes	Clear	None	none	14.22	0
014	G119	JC	08/05/24	12:15	Low Flow	218074	Yes	Clear	None	none	15.53	0
015	G120	JC	08/05/24	12:42	Low Flow	218074	Yes	Clear	None	none	16.04	0
016	G121	JC	08/05/24	12:58	Low Flow	218074	Yes	Clear	None	none	17.80	0
017	G122	JC	08/05/24	13:13	Low Flow	218074	Yes	Clear	None	none	18.06	0
018	G123	TAC	08/07/24	15:32	Low Flow	223344	Yes	Clear	None	None	15.79	0.58
019	G124	JC	08/05/24	13:58	Low Flow	218074	Yes	Clear	None	none	16.36	0
020	G125	JC	08/05/24	14:20	Low Flow	218074	Yes	Clear	None	none	16.29	0
021	G126	JC	08/05/24	10:45	Low Flow	218074	Yes	Clear	None	none	10.49	0
022	G151	JC	08/01/24	11:48	Low Flow	218074	Yes	Clear	None	none	11.78	0.04
023	G152	TAC	08/05/24	15:16	Low Flow	223344	Yes	Clear	None	None		
024	G153	JC	08/01/24	13:55	Low Flow	218074	Yes	Clear	None	none	13.68	0.47
025	G154	JC	08/01/24	13:09	Low Flow	218074	Yes	Clear	None	none	13.54	0.14
026	G155	JC	08/01/24	12:36	Low Flow	218074	Yes	Clear	None	none	14.03	1.22
027	G200	JC	08/06/24	12:16	Low Flow	218074	Yes	Clear	None	none	4.51	0
028	G206	BG	07/30/24	13:36	Low Flow	45985	Yes	Clear	Moderate	CLEAR	18.94	0.81
029	G206D	BG	07/30/24	13:06	Low Flow	45985	No	Clear	None	CLEAR	27.37	0.42
030	G207	BG	07/30/24	12:25	Low Flow	45985	Yes	Clear	None	CLEAR	14.03	0.27
031	G208	BG	07/30/24	10:16	Low Flow	45985	Yes	Clear	None	CLEAR	12.20	0.02
032	G209	BG	07/30/24	11:09	Low Flow	45985	Yes	Clear	None	cLEAR	12.87	1.12
033	G210	BG	07/30/24	11:47	Low Flow	45985	Yes	Clear	None	CLEAR	12.92	1.03
034	G211	bg	08/01/24	09:46	Low Flow	45985	Yes	Clear	None	clear	13.17	0.7
035	G212	BG	08/01/24	10:19	Low Flow	45985	Yes	Clear	None	CLEAR	13.88	0.35

Site Samping Event: COF-24Q3
LIMS Workorder: 24071451
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Summary
Coffeen- 3Q 2024

WO Sample	Well ID	Sampling Activities and Observations										
		Sampler Initials	Date	Time	Sampling Method	Instrument ID	Field Filtered	Appearance	Odor	Color	Post-Sample DTW (ft)	Drawdown (ft)
036	G213	BG	08/01/24	11:15	Low Flow	45985	Yes	Clear	None	CLEAR	15.73	1.21
037	G214	TAC	08/06/24	12:18	Low Flow	223344	Yes	Clear	None	None	17.94	1.44
038	G215	TAC	08/06/24	11:19	Low Flow	223344	Yes	Clear	None	None	16.42	0.58
039	G216	TAC	08/06/24	10:37	Low Flow	223344	Yes	Clear	None	None	15.99	0.95
040	G217	TAC	08/06/24	09:39	Low Flow	223344	Yes	Clear	None	None	17.39	0.97
041	G218	BG	07/31/24	10:03	Low Flow	45985	Yes	Clear	Slight	CLEAR	15.17	0.46
042	G219	BG	07/31/24	11:16	Low Flow	45985	Yes	Slightly cloudy	Slight	clear	8.56	1.01
043	G220	TAC	08/07/24	13:03	Low Flow	223344	Yes	Clear	None	None	14.44	0.26
044	G270	TAC	08/07/24	10:29	Low Flow	223344	Yes	Clear	None	None	7.99	0.4
045	G271	JC	07/31/24	11:24	Low Flow	218074	Yes	Clear	None	none	11.04	0.11
046	G272	JC	07/31/24	10:43	Low Flow	218074	Yes	Clear	None	none	11.11	0.09
047	G273	JC	07/31/24	10:02	Low Flow	218074	Yes	Clear	Slight	none	10.96	0.09
048	G274	JC	07/30/24	13:51	Low Flow	218074	Yes	Clear	None	none	14.44	0.24
049	G275	BG	08/01/24	12:27	Low Flow	45985	Yes	Slightly cloudy	None	CLEAR	dry	#VALUE!
050	G275D	BG	08/01/24	12:14	Low Flow	45985	No	Clear	None	CLEAR	40.30	0.63
051	G276	BG	07/31/24	12:33	Low Flow	45985	Yes	Clear	None	CLEAR	DRY	#VALUE!
052	G277	JC	07/30/24	12:39	Low Flow	218074	Yes	Clear	None	none	19.99	0
053	G278	BG	07/31/24	13:13	Low Flow	45985	No	Clear	None	CLEAR	25.04	2.01
054	G279	JC	07/30/24	10:56	Low Flow	218074	Yes	Clear	None	none	24.09	0.2
055	G280	JC	07/30/24	11:50	Low Flow	218074	Yes	Clear	None	none	5.84	0.35
056	G281	JC	07/30/24	10:13	Low Flow	218074	Yes	Clear	None	none	6.42	0.21
057	G283	TAC	08/07/24	13:52	Low Flow	223344	No	Clear	None	None	6.31	0.85
058	G284	TAC	08/07/24	11:25	Low Flow	223344	No	Clear	None	None	11.82	0.78
059	G285	TAC	08/07/24	12:03	Low Flow	223344	No	Clear	Moderate	None	7.35	2.39
060	G301	TAC	08/05/24	10:36	Low Flow	223344	No	Clear	None	None	9.34	1.31
061	G302	TAC	08/05/24	11:43	Low Flow	223344	No	Clear	Strong	None	12.80	0.84
062	G303	TAC	07/31/24	13:49	Low Flow	223344	No	Clear	None	None	8.82	2.01
063	G305	TAC	08/01/24	10:28	Low Flow	223344	No	Clear	None	None	8.38	0.16
064	G306	TAC	08/01/24	09:44	Low Flow	223344	No	Clear	None	None	10.06	2.84
065	G307	TAC	08/01/24	12:13	Low Flow	223344	No	Clear	None	None	1.05	0.16
066	G307D	TAC	08/01/24	11:41	Low Flow	223344	No	Clear	None	None	15.74	9.4
067	G308	TAC	08/01/24	12:56	Low Flow	223344	No	Clear	None	None	5.63	0.61
068	G310	TAC	08/01/24	13:47	Low Flow	223344	No	Clear	None	None	9.79	0.23
069	G312	TAC	08/05/24	12:55	Low Flow	223344	No	Clear	None	None	14.22	0.47
070	G313	TAC	07/31/24	12:53	Low Flow	223344	No	Clear	None	None	3.35	0.42

Site Samping Event: COF-24Q3
LIMS Workorder: 24071451
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Summary
Coffeen- 3Q 2024

WO Sample	Well ID	Sampling Activities and Observations										
		Sampler Initials	Date	Time	Sampling Method	Instrument ID	Field Filtered	Appearance	Odor	Color	Post-Sample DTW (ft)	Drawdown (ft)
071	G314	TAC	07/31/24	11:48	Low Flow	223344	No	Clear	None	None	9.79	5.3
072	G314D	TAC	07/31/24	10:52	Low Flow	223344	No	Clear	None	None	14.62	7.83
073	G315	TAC	07/31/24	14:38	Low Flow	223344	No	Clear	None	None	3.09	0.45
074	G316	TAC	07/31/24	09:53	Low Flow	223344	No	Clear	None	None	12.46	0.95
075	G401	BG	08/02/24	09:24	Low Flow	45985	Yes	Slightly cloudy	None	none	21.72	0
076	G402	BG	08/01/24	14:16	Low Flow	45985	Yes	Slightly cloudy	Slight	NONE	11.34	0.48
077	G403	JC	08/01/24	09:16	Low Flow	218074	Yes	Clear	None	none	6.76	0.26
078	G404	JC	07/31/24	12:19	Low Flow	218074	Yes	Clear	None	none	4.45	0.05
079	G405	JC	07/31/24	12:57	Low Flow	218074	Yes	Clear	None	none	5.97	0.31
080	G406	JC	08/01/24	10:00	Low Flow	218074	Yes	Clear	None	none	10.97	0.16
081	G407	JC	08/01/24	10:51	Low Flow	218074	Yes	Clear	None	none	5.39	0.04
082	G410	JC	08/02/24	09:12	Low Flow	218074	Yes	Clear	None	none	8.69	0
083	G411	JC	08/02/24	10:02	Low Flow	218074	Yes	Clear	None	none	7.53	0
084	L201	TAC	08/07/24	14:15	Direct Sample	223344	No	Clear	Slight	None	14.90	-2.1
085	L202	TAC	08/07/24	14:20	Direct Sample	223344	No	Cloudy	Slight	Light brown	18.20	-1.8
086	L203	TAC	08/07/24	14:24	Direct Sample	223344	No	Clear	None	None	14.10	-2.2
087	NE Riser	TAC	08/07/24	14:35	Direct Sample	223344	No	Clear	None	None	16.69	0
088	R104	JC	08/06/24	10:37	Low Flow	218074	Yes	Clear	None	none	8.50	0
089	R201	JC	08/06/24	13:04	Low Flow	218074	Yes	Clear	None	none	4.40	0
090	R205	TAC	08/06/24	13:06	Low Flow	223344	Yes	Clear	None	None	8.99	0.76
091	SG-02											
092	SG-03											
093	T127	JC	08/05/24	11:28	Low Flow	218074	Yes	Clear	None	none	14.98	0
094	T128	JC	08/05/24	11:49	Low Flow	218074	Yes	Clear	None	none	14.69	0
095	X201	TAC	08/07/24	14:45	Direct Sample	223344	No				21.28	0
096	XSG-01											
097	Field Blank	DC	08/07/24	14:49	Direct Sample	-	No					
098	G102 Duplicate	JC	08/06/24	09:13	Low Flow	218074	Yes	Clear	None	none	6.00	0.07
099	G200 Duplicate	JC	08/06/24	12:16	Low Flow	218074	Yes	Clear	None	none	4.51	0
100	G217 Duplicate	TAC	08/06/24	09:39	Low Flow	223344	Yes	Clear	None	None	17.39	0.97
101	G301 Duplicate	TAC	08/05/24	10:36	Low Flow	223344	No	Clear	None	None	9.34	1.31
102	R201 Duplicate	JC	08/06/24	13:04	Low Flow	218074	Yes	Clear	None	none	4.40	0
103	G111	JC	08/06/24	09:45	Low Flow	218074	Yes	Clear	None	none	14.27	0.01
103	Equipment Blank 1											

Site Samping Event: COF-24Q3
LIMS Workorder: 24071451
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Summary
Coffeen- 3Q 2024

WO Sample	Well ID	COMMENTS
001	AP2D	
002	G1001	
003	G1003	Dry; no sample
004	G101	
005	G102	
006	G103	
007	G105	
008	G106	
009	G107	
010	G108	
011	G109	
012	G110	
013	G111	
014	G119	
015	G120	
016	G121	
017	G122	
018	G123	
019	G124	
020	G125	
021	G126	
022	G151	
023	G152	
024	G153	
025	G154	
026	G155	
027	G200	
028	G206	
029	G206D	
030	G207	
031	G208	
032	G209	
033	G210	
034	G211	
035	G212	

Site Samping Event: COF-24Q3
LIMS Workorder: 24071451
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Summary
Coffeen- 3Q 2024

WO Sample	Well ID	COMMENTS
036	G213	
037	G214	
038	G215	
039	G216	
040	G217	
041	G218	
042	G219	
043	G220	
044	G270	Bladder pump repaired in field (check ball).
045	G271	
046	G272	
047	G273	
048	G274	
049	G275	
050	G275D	
051	G276	
052	G277	
053	G278	Filter in lab.
054	G279	
055	G280	
056	G281	
057	G283	Need a clear path to get to well.
058	G284	
059	G285	
060	G301	
061	G302	
062	G303	
063	G305	
064	G306	
065	G307	
066	G307D	
067	G308	
068	G310	
069	G312	14.22 top of pump. Water level below it.
070	G313	

Site Samping Event: COF-24Q3
LIMS Workorder: 24071451
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Summary
Coffeen- 3Q 2024

WO Sample	Well ID	COMMENTS
071	G314	
072	G314D	Bubbles in sample line
073	G315	
074	G316	
075	G401	DTW is T.O.P.
076	G402	
077	G403	
078	G404	
079	G405	
080	G406	
081	G407	
082	G410	
083	G411	
084	L201	
085	L202	
086	L203	
087	NE Riser	
088	R104	
089	R201	
090	R205	
091	SG-02	
092	SG-03	
093	T127	
094	T128	
095	X201	
096	XSG-01	
097	Field Blank	
098	G102 Duplicate	
099	G200 Duplicate	
100	G217 Duplicate	
101	G301 Duplicate	
102	R201 Duplicate	
103	G111	
103	Equipment Blank 1	No non-dedicated sample pumps used.

Site Samping Event: COF-24Q3
LIMS Workorder: 24071451
Technician(s): DC, JC, TC, BG, PY

Stabilized Field Parameter Summary
Coffeen- 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
AP2D	8/7/2024	09:40	17.5	63.5	6.72	1,495.5	0.90	173.84	-29.0	20.80	24071451-001A
G1001	8/2/2024	10:26	20.8	69.4	6.99	1,077.2	2.36	3.54	-20.3	6.08	24071451-002A
G1003	8/5/2024		Dry; no sample							10.92	24071451-003A
G101	8/5/2024	14:37	16.7	62.0	7.29	854.6	1.05	29.42	-14.2	6.58	24071451-004A
G102	8/6/2024	09:13	17.7	63.8	7.22	537.1	1.99	26.31	201.2	5.93	24071451-005A
G103	8/6/2024	10:14	19.3	66.8	7.06	909.6	1.22	15.97	199.1	10.68	24071451-006A
G105	8/6/2024	11:01	20.1	68.2	7.15	877.7	0.62	8.12	-285.8	9.16	24071451-007A
G106	8/6/2024	11:22	20.0	67.9	7.05	919.0	1.19	5.52	-187.3	10.55	24071451-008A
G107	8/6/2024	11:44	18.5	65.3	7.18	787.6	2.60	53.78	-154.4	11.23	24071451-009A
G108	8/5/2024	09:31	21.5	70.6	7.13	795.7	1.16	20.94	229.8	12.03	24071451-010A
G109	8/5/2024	09:51	19.1	66.4	7.02	993.1	0.80	40.30	-16.8	12.40	24071451-011A
G110	8/5/2024	10:09	18.9	65.9	6.89	945.6	0.75	16.13	19.7	13.18	24071451-012A
G111	8/5/2024	10:28	19.5	67.1	7.07	948.9	0.99	5.46	29.6	14.22	24071451-013A
G119	8/5/2024	12:15	17.6	63.6	7.20	743.9	1.28	9.83	-23.3	15.53	24071451-014A
G120	8/5/2024	12:42	18.1	64.7	7.07	913.6	5.74	36.15	60.2	16.04	24071451-015A
G121	8/5/2024	12:58	17.6	63.7	6.97	1,000.5	3.60	7.83	78.6	17.80	24071451-016A
G122	8/5/2024	13:13	17.5	63.5	6.80	1,167.7	1.80	5.12	84.2	18.06	24071451-017A
G123	8/7/2024	15:32	16.6	62.0	6.89	752.5	1.01	44.81	102.3	15.21	24071451-018A
G124	8/5/2024	13:58	16.7	62.1	7.06	922.8	2.19	43.13	114.0	16.36	24071451-019A
G125	8/5/2024	14:20	17.6	63.7	7.09	932.8	1.16	9.85	-41.0	16.29	24071451-020A
G126	8/5/2024	10:45	19.0	66.1	7.10	852.4	1.12	2.32	-114.6	10.49	24071451-021A
G151	8/1/2024	11:48	17.5	63.6	7.23	914.7	1.52	28.58	-74.9	11.74	24071451-022A
G152	8/5/2024	15:16	19.3	66.7	7.04	659.5	1.86	7.49	-18.7	11.52	24071451-023A
G153	8/1/2024	13:55	16.6	61.9	6.78	4,001.8	1.30	8.30	39.9	13.21	24071451-024A
G154	8/1/2024	13:09	16.7	62.0	7.35	670.9	2.66	22.69	75.5	13.40	24071451-025A
G155	8/1/2024	12:36	17.8	64.1	7.19	996.5	1.16	31.90	-23.2	12.81	24071451-026A
G200	8/6/2024	12:16	19.0	66.2	7.12	899.3	1.03	5.56	-64.6	4.51	24071451-027A
G206	7/30/2024	13:36	19.1	66.3	7.29	899.1	0.56	48.96	-262.1	18.13	24071451-028A
G206D	7/30/2024	13:06	19.4	66.9	7.24	962.5	0.80	12.68	-73.5	26.95	24071451-029A
G207	7/30/2024	12:25	21.3	70.4	6.93	645.7	2.78	2.16	42.0	13.76	24071451-030A
G208	7/30/2024	10:16	20.1	68.1	7.07	563.6	2.32	7.56	84.5	12.18	24071451-031A
G209	7/30/2024	11:09	19.5	67.0	6.88	1,222.3	0.68	67.52	-42.2	11.75	24071451-032A
G210	7/30/2024	11:47	23.1	73.6	7.20	918.1	0.86	65.41	4.8	11.89	24071451-033A
G211	8/1/2024	09:46	20.4	68.7	7.31	800.5	0.81	74.84	18.5	12.47	24071451-034A
G212	8/1/2024	10:19	18.7	65.6	7.20	691.7	0.75	6.50	54.2	13.53	24071451-035A
G213	8/1/2024	11:15	18.3	64.9	7.09	671.8	0.70	5.48	11.8	14.52	24071451-036A
G214	8/6/2024	12:18	19.4	67.0	6.96	793.1	1.01	53.66	43.2	16.50	24071451-037A
G215	8/6/2024	11:19	18.6	65.5	6.82	1,374.8	0.66	146.11	-32.0	15.84	24071451-038A
G216	8/6/2024	10:37	18.8	65.8	6.80	1,702.2	1.17	135.50	-83.2	15.04	24071451-039A

Site Samping Event: COF-24Q3
LIMS Workorder: 24071451
Technician(s): DC, JC, TC, BG, PY

Stabilized Field Parameter Summary
Coffeen- 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
G217	8/6/2024	09:39	17.1	62.9	6.72	1,326.7	0.28	158.26	-92.9	16.42	24071451-040A
G218	7/31/2024	10:03	21.0	69.8	6.92	1,705.0	1.29	136.68	-101.2	14.71	24071451-041A
G219	7/31/2024	11:16	18.9	66.0	7.09	865.9	5.29	6.17	-16.6	7.55	24071451-042A
G220	8/7/2024	13:03	16.2	61.1	6.76	963.2	0.95	124.64	27.0	14.18	24071451-043A
G270	8/7/2024	10:29	17.8	64.0	6.93	556.5	1.06	53.76	-62.9	7.59	24071451-044A
G271	7/31/2024	11:24	17.4	63.4	7.14	1,038.9	3.07	1.82	196.6	10.93	24071451-045A
G272	7/31/2024	10:43	18.5	65.4	7.13	1,375.7	2.12	9.50	183.0	11.02	24071451-046A
G273	7/31/2024	10:02	18.5	65.4	6.98	1,570.6	1.09	4.43	73.1	10.87	24071451-047A
G274	7/30/2024	13:51	17.3	63.1	7.15	1,049.8	0.53	2.39	-2.1	14.20	24071451-048A
G275	8/1/2024	12:27	18.6	65.4	6.95	1,208.6	0.93	8.45	-29.2	13.29	24071451-049A
G275D	8/1/2024	12:14	16.7	62.0	7.28	1,489.6	0.64	8.49	-132.4	39.67	24071451-050A
G276	7/31/2024	12:33	19.7	67.4	6.87	1,322.9	3.83	3.49	64.4	27.79	24071451-051A
G277	7/30/2024	12:39	20.3	68.5	6.86	2,651.8	3.08	14.92	111.7	19.99	24071451-052A
G278	7/31/2024	13:13	17.1	62.9	6.70	5,375.9	1.36	52.30	102.4	23.03	24071451-053A
G279	7/30/2024	10:56	17.7	63.9	6.61	6,422.1	0.42	3.87	152.9	23.89	24071451-054A
G280	7/30/2024	11:50	17.2	63.0	7.36	867.3	0.35	62.56	89.4	5.49	24071451-055A
G281	7/30/2024	10:13	19.4	67.0	6.98	1,352.6	1.14	37.78	76.0	6.21	24071451-056A
G283	8/7/2024	13:52	16.7	62.1	6.92	957.7	0.73	48.29	-74.5	5.46	24071451-057A
G284	8/7/2024	11:25	17.6	63.6	6.91	590.4	2.04	5.17	63.3	11.04	24071451-058A
G285	8/7/2024	12:03	19.5	67.1	6.58	1,621.1	1.43	34.82	-116.2	4.96	24071451-059A
G301	8/5/2024	10:36	18.9	66.1	6.47	910.2	0.28	5.21	-45.0	8.03	24071451-060A
G302	8/5/2024	11:43	18.7	65.6	6.63	1,297.3	0.50	13.60	-67.0	11.96	24071451-061A
G303	7/31/2024	13:49	17.4	63.4	6.73	1,795.1	0.95	59.89	-37.0	6.81	24071451-062A
G305	8/1/2024	10:28	18.3	64.9	7.06	1,482.1	0.80	2.09	-52.0	8.22	24071451-063A
G306	8/1/2024	09:44	16.5	61.7	6.29	624.5	0.76	209.69	93.7	7.22	24071451-064A
G307	8/1/2024	12:13	21.2	70.1	6.95	1,000.7	0.67	9.31	-103.2	0.89	24071451-065A
G307D	8/1/2024	11:41	19.7	67.4	7.07	1,059.2	2.32	30.06	-56.4	6.34	24071451-066A
G308	8/1/2024	12:56	17.8	64.0	7.03	1,542.2	0.31	3.28	-10.8	5.02	24071451-067A
G310	8/1/2024	13:47	18.4	65.1	6.94	1,184.1	0.45	3.43	39.5	9.56	24071451-068A
G312	8/5/2024	12:55	18.0	64.5	6.38	1,772.4	0.85	6.69	21.9	13.75	24071451-069A
G313	7/31/2024	12:53	20.0	68.0	6.73	1,588.3	0.34	9.40	32.6	2.93	24071451-070A
G314	7/31/2024	11:48	18.2	64.8	6.45	3,284.4	0.29	35.61	-33.4	4.49	24071451-071A
G314D	7/31/2024	10:52	18.1	64.6	6.74	2,553.0	0.25	201.30	-62.3	6.79	24071451-072A
G315	7/31/2024	14:38	18.7	65.6	6.71	1,115.8	0.36	10.05	43.2	2.64	24071451-073A
G316	7/31/2024	09:53	17.3	63.2	6.74	1,739.6	0.36	6.85	-105.8	11.51	24071451-074A
G401	8/2/2024	09:24	17.5	63.4	5.82	2,829.6	0.84	7.77	19.4	21.72	24071451-075A
G402	8/1/2024	14:16	17.9	64.2	6.95	1,631.1	7.00	26.09	75.9	10.86	24071451-076A
G403	8/1/2024	09:16	19.2	66.6	6.81	739.7	0.87	16.33	201.0	6.50	24071451-077A
G404	7/31/2024	12:19	19.8	67.7	6.72	1,465.2	0.83	4.14	138.6	4.40	24071451-078A

Site Samping Event: COF-24Q3
LIMS Workorder: 24071451
Technician(s): DC, JC, TC, BG, PY

Stabilized Field Parameter Summary
Coffeen- 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
G405	7/31/2024	12:57	19.3	66.7	6.87	1,960.6	0.73	18.80	79.5	5.66	24071451-079A
G406	8/1/2024	10:00	18.2	64.7	6.59	1,386.8	0.87	2.33	240.2	10.81	24071451-080A
G407	8/1/2024	10:51	17.4	63.3	6.75	2,111.0	0.81	29.26	215.4	5.35	24071451-081A
G410	8/2/2024	09:12	17.5	63.5	6.44	1,136.2	1.01	2.58	180.7	8.69	24071451-082A
G411	8/2/2024	10:02	16.4	61.4	7.25	877.6	0.87	3.20	208.8	7.53	24071451-083A
L201	8/7/2024	14:15	18.1	64.6	11.60	5,169.9	7.15	1.43	-78.1	17.00	24071451-084A
L202	8/7/2024	14:20	20.7	69.3	11.58	12,132.5	2.80	111.78	-72.4	20.00	24071451-085A
L203	8/7/2024	14:24	21.0	69.9	11.57	11,004.1	6.92	3.41	-59.7	16.30	24071451-086A
NE Riser	8/7/2024	14:35	22.3	72.1	6.15	13,292.6	2.58	1.55	132.8	16.69	24071451-087A
R104	8/6/2024	10:37	19.3	66.7	7.32	803.7	2.37	28.01	200.5	8.50	24071451-088A
R201	8/6/2024	13:04	18.5	65.3	7.00	1,120.5	1.41	7.06	-105.4	4.40	24071451-089A
R205	8/6/2024	13:06	17.6	63.8	6.68	1,047.0	0.24	468.00	42.6	8.23	24071451-090A
SG-02	7/30/2024	10:24	DTW Only							7.13	24071451-091A
SG-03	7/30/2024	12:50	DTW Only							8.69	24071451-092A
T127	8/5/2024	11:28	22.9	73.1	7.10	818.1	1.69	6.94	18.1	14.98	24071451-093A
T128	8/5/2024	11:49	20.1	68.1	7.12	779.1	0.86	3.25	-112.2	14.69	24071451-094A
X201	8/7/2024	14:45	27.6	81.7	5.67	16,063.0	8.24	1.68	180.9	21.28	24071451-095A
XSG-01	7/30/2024	11:58	DTW Only							6.33	24071451-096A
Field Blank	8/7/2024	14:49	QA/QC Sample							-	24071451-097A
G102 Duplicate	8/6/2024	09:13	17.7	63.8	7.22	537.1	1.99	26.31	201.2	5.93	24071451-098A
G200 Duplicate	8/6/2024	12:16	19.0	66.2	7.12	899.3	1.03	5.56	-64.6	4.51	24071451-099A
G217 Duplicate	8/6/2024	09:39	17.1	62.9	6.72	1,326.7	0.28	158.26	-92.9	16.42	24071451-100A
G301 Duplicate	8/5/2024	10:36	18.9	66.1	6.47	910.2	0.28	5.21	-45.0	8.03	24071451-101A
R201 Duplicate	8/6/2024	13:04	18.5	65.3	7.00	1,120.5	1.41	7.06	-105.4	4.40	24071451-102A
G111	8/6/2024	9:45	20.9	69.6	7.03	946.4	1.30	3.78	174.3	14.26	24071451-103A

Site Samping Event: COF-24Q3
LIMS Workorder: 24071451
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Quality Parameters
Coffeen- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
AP2D	8/7/2024	9:31	20.80	17.4	63.3	6.72	1,498.6	1.04	104.77	-25.2
AP2D	8/7/2024	9:34	20.80	17.3	63.2	6.72	1,499.1	0.96	111.42	-27.1
AP2D	8/7/2024	9:37	20.80	17.4	63.4	6.72	1,497.4	0.94	140.54	-28.3
AP2D	8/7/2024	9:40	20.80	17.5	63.5	6.72	1,495.5	0.90	173.84	-29.0

Site Samping Event: COF-24Q3
LIMS Workorder: 24071451
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Quality Parameters
Coffeen- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G1001	8/2/2024	10:11	6.08	20.1	68.2	6.80	1,653.6	3.35	23.23	-26.4
G1001	8/2/2024	10:14	6.08	20.4	68.7	6.87	1,442.9	2.99	18.82	-25.6
G1001	8/2/2024	10:17	6.08	20.5	68.9	6.94	1,192.0	2.70	7.63	-24.7
G1001	8/2/2024	10:20	6.08	20.8	69.5	6.99	1,020.8	2.61	4.49	-24.1
G1001	8/2/2024	10:23	6.08	20.9	69.6	7.00	1,063.1	2.52	3.84	-22.4
G1001	8/2/2024	10:26	6.08	20.8	69.4	6.99	1,077.2	2.36	3.54	-20.3

Site Samping Event: COF-24Q3
LIMS Workorder: 24071451
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Quality Parameters
Coffeen- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G1003	8/5/2024	13:40	10.92	Dry; no sample						

Site Samping Event: COF-24Q3
LIMS Workorder: 24071451
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Quality Parameters
Coffeen- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G101	8/5/2024	14:28	6.58	17.1	62.7	7.29	865.7	1.53	19.89	-17.6
G101	8/5/2024	14:31	6.58	16.9	62.3	7.29	863.6	1.18	23.10	-17.0
G101	8/5/2024	14:34	6.58	16.7	62.0	7.29	860.7	1.09	24.89	-15.8
G101	8/5/2024	14:37	6.58	16.7	62.0	7.29	854.6	1.05	29.42	-14.2

Site Samping Event: COF-24Q3
LIMS Workorder: 24071451
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Quality Parameters
Coffeen- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G102	8/6/2024	9:04	5.93	17.8	64.0	7.29	591.4	2.19	14.32	201.2
G102	8/6/2024	9:07	5.93	17.7	63.9	7.25	560.1	2.06	15.16	202.4
G102	8/6/2024	9:10	5.93	17.8	64.0	7.23	542.6	2.03	21.74	201.9
G102	8/6/2024	9:13	5.93	17.7	63.8	7.22	537.1	1.99	26.31	201.2

Site Samping Event: COF-24Q3
LIMS Workorder: 24071451
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Quality Parameters
Coffeen- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G103	8/6/2024	10:02	10.68	18.8	65.8	7.11	914.1	2.26	5.85	207.1
G103	8/6/2024	10:05	10.68	19.2	66.5	7.08	906.8	1.72	8.89	205.8
G103	8/6/2024	10:08	10.68	19.2	66.6	7.07	910.0	1.41	10.55	203.5
G103	8/6/2024	10:11	10.68	19.2	66.5	7.06	911.4	1.30	13.00	201.2
G103	8/6/2024	10:14	10.68	19.3	66.8	7.06	909.6	1.22	15.97	199.1

Site Samping Event: COF-24Q3
LIMS Workorder: 24071451
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Quality Parameters
Coffeen- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G105	8/6/2024	10:52	9.16	20.3	68.6	7.12	863.5	1.01	6.24	-231.2
G105	8/6/2024	10:55	9.16	21.8	71.2	7.15	879.4	0.72	6.53	-266.0
G105	8/6/2024	10:58	9.16	20.8	69.4	7.15	891.8	0.64	6.87	-281.2
G105	8/6/2024	11:01	9.16	20.1	68.2	7.15	877.7	0.62	8.12	-285.8

Site Samping Event: COF-24Q3
LIMS Workorder: 24071451
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Quality Parameters
Coffeen- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G106	8/6/2024	11:06	10.55	23.7	74.6	8.25	4.8	8.41	8.41	-205.1
G106	8/6/2024	11:10	10.55	19.8	67.6	7.21	932.7	1.97	2.50	-189.1
G106	8/6/2024	11:13	10.55	19.8	67.6	7.12	925.5	1.22	2.46	-192.2
G106	8/6/2024	11:16	10.55	19.9	67.8	7.08	922.9	1.21	3.20	-190.1
G106	8/6/2024	11:19	10.55	19.9	67.9	7.06	919.4	1.21	5.06	-188.6
G106	8/6/2024	11:22	10.55	20.0	67.9	7.05	919.0	1.19	5.52	-187.3

Site Samping Event: COF-24Q3
LIMS Workorder: 24071451
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Quality Parameters
Coffeen- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G107	8/6/2024	11:29	11.23	18.6	65.5	7.27	787.0	3.03	8.37	-167.6
G107	8/6/2024	11:32	11.23	18.5	65.4	7.22	785.9	2.17	18.41	-167.9
G107	8/6/2024	11:35	11.23	18.5	65.4	7.20	785.4	2.44	33.18	-162.8
G107	8/6/2024	11:38	11.23	18.5	65.3	7.20	785.7	2.70	53.43	-159.5
G107	8/6/2024	11:41	11.23	18.5	65.3	7.19	786.3	2.63	42.32	-157.1
G107	8/6/2024	11:44	11.23	18.5	65.3	7.18	787.6	2.60	53.78	-154.4

Site Samping Event: COF-24Q3
LIMS Workorder: 24071451
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Quality Parameters
Coffeen- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G108	8/5/2024	9:16	12.03	19.8	67.6	7.17	785.5	2.52	5.02	244.1
G108	8/5/2024	9:19	12.03	20.5	68.8	7.15	794.8	1.84	6.29	242.1
G108	8/5/2024	9:22	12.03	21.0	69.8	7.14	797.4	1.50	8.44	238.9
G108	8/5/2024	9:25	12.03	21.2	70.1	7.14	797.1	1.33	11.32	235.5
G108	8/5/2024	9:25	12.03	21.2	70.1	7.13	797.2	1.31	12.01	234.9
G108	8/5/2024	9:28	12.03	21.4	70.6	7.13	796.4	1.21	16.37	232.0
G108	8/5/2024	9:31	12.03	21.5	70.6	7.13	795.7	1.16	20.94	229.8

Site Samping Event: COF-24Q3
LIMS Workorder: 24071451
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Quality Parameters
Coffeen- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G109	8/5/2024	9:39	12.40	18.9	65.9	7.04	991.0	1.94	8.36	25.8
G109	8/5/2024	9:42	12.40	19.2	66.5	7.01	993.3	1.08	650.44	0.5
G109	8/5/2024	9:45	12.40	19.2	66.6	7.01	993.6	0.88	39.03	-7.9
G109	8/5/2024	9:48	12.40	19.1	66.4	7.01	992.9	0.83	40.88	-13.3
G109	8/5/2024	9:51	12.40	19.1	66.4	7.02	993.1	0.80	40.30	-16.8

Site Samping Event: COF-24Q3
LIMS Workorder: 24071451
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Quality Parameters
Coffeen- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G110	8/5/2024	10:00	13.18	18.4	65.1	6.93	946.9	1.03	6.77	26.6
G110	8/5/2024	10:03	13.18	18.8	65.8	6.89	944.0	0.84	10.27	19.7
G110	8/5/2024	10:06	13.18	18.8	65.9	6.88	942.8	0.78	12.97	19.0
G110	8/5/2024	10:09	13.18	18.9	65.9	6.89	945.6	0.75	16.13	19.7

Site Samping Event: COF-24Q3
LIMS Workorder: 24071451
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Quality Parameters
Coffeen- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G111	8/5/2024	10:19	14.22	18.0	64.4	7.11	965.4	1.54	6.00	62.0
G111	8/5/2024	10:22	14.22	19.3	66.8	7.08	954.1	1.14	5.17	42.1
G111	8/5/2024	10:25	14.22	19.6	67.3	7.07	951.0	1.04	5.03	31.9
G111	8/5/2024	10:28	14.22	19.5	67.1	7.07	948.9	0.99	5.46	29.6
G111	8/6/2024	9:33	14.26	19.3	66.8	7.08	933.3	5.43	3.81	172.5
G111	8/6/2024	9:36	14.26	20.2	68.4	7.04	944.2	2.72	3.98	176.3
G111	8/6/2024	9:39	14.26	20.6	69.0	7.03	948.8	1.67	3.55	176.2
G111	8/6/2024	9:42	14.26	20.7	69.2	7.03	948.0	1.38	3.69	175.3
G111	8/6/2024	9:45	14.26	20.9	69.6	7.03	946.4	1.30	3.78	174.3

Site Samping Event: COF-24Q3
LIMS Workorder: 24071451
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Quality Parameters
Coffeen- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G119	8/5/2024	11:57	15.53	18.2	64.7	7.26	745.4	3.15	7.10	-37.8
G119	8/5/2024	12:00	15.53	17.9	64.1	7.23	745.6	2.38	6.94	-34.0
G119	8/5/2024	12:03	15.53	17.8	64.0	7.22	745.7	1.92	6.63	-31.2
G119	8/5/2024	12:06	15.53	17.8	64.0	7.21	745.8	1.65	5.87	-28.9
G119	8/5/2024	12:09	15.53	17.6	63.7	7.20	746.3	1.48	6.37	-26.7
G119	8/5/2024	12:12	15.53	17.6	63.6	7.20	744.6	1.39	8.23	-24.8
G119	8/5/2024	12:15	15.53	17.6	63.6	7.20	743.9	1.28	9.83	-23.3

Site Samping Event: COF-24Q3
LIMS Workorder: 24071451
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Quality Parameters
Coffeen- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G120	8/5/2024	12:24	16.04	18.2	64.7	7.06	908.8	4.71	8.11	24.7
G120	8/5/2024	12:27	16.04	18.2	64.7	7.05	909.3	4.74	11.10	30.2
G120	8/5/2024	12:30	16.04	18.2	64.7	7.05	906.7	4.95	21.02	35.8
G120	8/5/2024	12:33	16.04	18.2	64.7	7.08	902.9	5.35	24.59	41.7
G120	8/5/2024	12:36	16.04	18.1	64.6	7.12	900.1	5.71	28.64	47.7
G120	8/5/2024	12:39	16.04	18.2	64.7	7.10	907.5	5.83	31.48	54.4
G120	8/5/2024	12:42	16.04	18.1	64.7	7.07	913.6	5.74	36.15	60.2

Site Samping Event: COF-24Q3
LIMS Workorder: 24071451
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Quality Parameters
Coffeen- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G121	8/5/2024	12:49	17.80	18.0	64.5	7.06	1,003.3	3.55	29.00	77.5
G121	8/5/2024	12:52	17.80	17.7	63.9	6.98	1,003.0	3.50	12.61	77.7
G121	8/5/2024	12:55	17.80	17.7	63.8	6.97	1,000.8	3.48	9.74	77.3
G121	8/5/2024	12:58	17.80	17.6	63.7	6.97	1,000.5	3.60	7.83	78.6

Site Samping Event: COF-24Q3
LIMS Workorder: 24071451
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Quality Parameters
Coffeen- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G122	8/5/2024	13:04	18.06	17.2	62.9	6.89	1,212.3	2.96	4.73	97.4
G122	8/5/2024	13:07	18.06	17.5	63.5	6.81	1,179.8	1.95	5.64	92.5
G122	8/5/2024	13:10	18.06	17.5	63.5	6.80	1,171.7	1.81	6.40	87.4
G122	8/5/2024	13:13	18.06	17.5	63.5	6.80	1,167.7	1.80	5.12	84.2

Site Samping Event: COF-24Q3
LIMS Workorder: 24071451
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Quality Parameters
Coffeen- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G123	8/7/2024	15:20	15.21	16.8	62.2	6.87	754.8	1.46	28.24	111.1
G123	8/7/2024	15:23	15.21	16.7	62.1	6.88	754.4	1.18	29.91	109.5
G123	8/7/2024	15:26	15.21	16.7	62.0	6.88	754.1	1.07	30.80	108.0
G123	8/7/2024	15:29	15.21	16.7	62.0	6.88	753.4	1.04	36.34	106.1
G123	8/7/2024	15:32	15.21	16.6	62.0	6.89	752.5	1.01	44.81	102.3

Site Samping Event: COF-24Q3
LIMS Workorder: 24071451
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Quality Parameters
Coffeen- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G124	8/5/2024	13:43	16.36	17.3	63.1	7.11	939.2	2.65	3.16	127.9
G124	8/5/2024	13:46	16.36	16.8	62.3	7.06	934.9	1.62	3.06	128.1
G124	8/5/2024	13:49	16.36	16.8	62.2	7.05	930.1	1.91	7.68	123.5
G124	8/5/2024	13:52	16.36	16.7	62.1	7.06	925.4	2.21	14.17	120.1
G124	8/5/2024	13:55	16.36	16.7	62.0	7.06	924.0	2.25	23.98	117.0
G124	8/5/2024	13:58	16.36	16.7	62.1	7.06	922.8	2.19	43.13	114.0

Site Samping Event: COF-24Q3
LIMS Workorder: 24071451
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Quality Parameters
Coffeen- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G125	8/5/2024	14:11	16.29	17.8	64.1	7.05	928.0	1.19	12.60	-3.5
G125	8/5/2024	14:14	16.29	17.8	64.0	7.06	927.5	1.16	12.89	-23.8
G125	8/5/2024	14:17	16.29	17.5	63.6	7.07	929.7	1.20	11.80	-34.7
G125	8/5/2024	14:20	16.29	17.6	63.7	7.09	932.8	1.16	9.85	-41.0

Site Samping Event: COF-24Q3
LIMS Workorder: 24071451
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Quality Parameters
Coffeen- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G126	8/5/2024	10:36	10.49	19.6	67.2	7.17	931.5	2.16	3.92	-109.7
G126	8/5/2024	10:39	10.49	19.1	66.4	7.15	908.1	1.21	3.31	-128.1
G126	8/5/2024	10:42	10.49	19.0	66.1	7.12	858.7	1.12	2.84	-122.0
G126	8/5/2024	10:45	10.49	19.0	66.1	7.10	852.4	1.12	2.32	-114.6

Site Samping Event: COF-24Q3
LIMS Workorder: 24071451
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Quality Parameters
Coffeen- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G151	8/1/2024	11:33	11.74	17.5	63.5	7.27	950.3	2.03	6.17	-80.9
G151	8/1/2024	11:36	11.74	17.6	63.7	7.26	920.7	1.74	10.55	-89.1
G151	8/1/2024	11:39	11.74	17.6	63.7	7.24	918.3	1.60	14.73	-86.0
G151	8/1/2024	11:42	11.74	17.6	63.6	7.23	911.7	1.64	27.10	-81.8
G151	8/1/2024	11:45	11.74	17.7	63.9	7.23	843.6	1.64	18.10	-78.0
G151	8/1/2024	11:48	11.74	17.5	63.6	7.23	914.7	1.52	28.58	-74.9

Site Samping Event: COF-24Q3
LIMS Workorder: 24071451
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Quality Parameters
Coffeen- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G152	8/5/2024	14:46	11.52	20.1	68.1	7.06	692.4	4.29	20.98	-27.2
G152	8/5/2024	14:49	11.52	20.2	68.3	7.06	685.7	3.91	19.05	-25.9
G152	8/5/2024	14:52	11.52	20.1	68.2	7.05	682.1	3.60	15.54	-25.9
G152	8/5/2024	14:55	11.52	20.1	68.2	7.05	678.2	3.33	16.05	-25.0
G152	8/5/2024	14:58	11.52	19.9	67.8	7.05	675.0	3.08	12.83	-23.8
G152	8/5/2024	15:01	11.52	20.0	67.9	7.05	672.8	2.82	17.32	-22.5
G152	8/5/2024	15:04	11.52	19.9	67.9	7.04	672.4	2.56	10.73	-21.5
G152	8/5/2024	15:07	11.52	20.0	68.0	7.04	668.3	2.31	10.26	-20.9
G152	8/5/2024	15:10	11.52	19.8	67.6	7.04	664.2	2.29	10.69	-20.6
G152	8/5/2024	15:13	11.52	19.5	67.1	7.04	663.0	1.99	10.89	-19.6
G152	8/5/2024	15:16	11.52	19.3	66.7	7.04	659.5	1.86	7.49	-18.7

Site Samping Event: COF-24Q3
LIMS Workorder: 24071451
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Quality Parameters
Coffeen- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G153	8/1/2024	13:43	13.21	16.5	61.7	6.75	4,141.4	1.25	2.72	69.3
G153	8/1/2024	13:46	13.21	16.5	61.7	6.75	4,016.1	1.17	3.87	48.7
G153	8/1/2024	13:49	13.21	16.5	61.7	6.77	4,000.2	1.46	5.39	43.5
G153	8/1/2024	13:52	13.21	16.5	61.7	6.77	4,004.0	1.45	6.48	41.7
G153	8/1/2024	13:55	13.21	16.6	61.9	6.78	4,001.8	1.30	8.30	39.9

Site Samping Event: COF-24Q3
LIMS Workorder: 24071451
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Quality Parameters
Coffeen- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G154	8/1/2024	13:00	13.40	16.9	62.5	7.36	675.1	2.88	52.59	80.7
G154	8/1/2024	13:03	13.40	16.8	62.2	7.35	672.9	2.74	27.10	78.2
G154	8/1/2024	13:06	13.40	16.8	62.2	7.35	672.2	2.70	23.39	76.5
G154	8/1/2024	13:09	13.40	16.7	62.0	7.35	670.9	2.66	22.69	75.5

Site Samping Event: COF-24Q3
LIMS Workorder: 24071451
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Quality Parameters
Coffeen- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G155	8/1/2024	12:24	12.81	17.9	64.3	7.20	1,010.1	1.45	65.85	-34.8
G155	8/1/2024	12:27	12.81	18.0	64.4	7.19	1,003.6	1.42	50.93	-32.1
G155	8/1/2024	12:30	12.81	18.0	64.4	7.19	998.6	1.31	34.07	-29.0
G155	8/1/2024	12:33	12.81	18.0	64.3	7.19	997.3	1.23	34.85	-25.9
G155	8/1/2024	12:36	12.81	17.8	64.1	7.19	996.5	1.16	31.90	-23.2

Site Samping Event: COF-24Q3
LIMS Workorder: 24071451
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Quality Parameters
Coffeen- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G200	8/6/2024	12:04	4.51	20.8	69.5	7.21	883.4	1.86	1.83	-74.8
G200	8/6/2024	12:07	4.51	20.1	68.2	7.18	879.6	1.41	1.93	-73.8
G200	8/6/2024	12:10	4.51	19.5	67.2	7.17	879.0	1.19	2.40	-70.4
G200	8/6/2024	12:13	4.51	19.0	66.3	7.15	889.6	1.09	2.72	-67.6
G200	8/6/2024	12:16	4.51	19.0	66.2	7.12	899.3	1.03	5.56	-64.6

Site Samping Event: COF-24Q3
LIMS Workorder: 24071451
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Quality Parameters
Coffeen- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G206	7/30/2024	13:27	18.13	19.1	66.3	7.32	900.3	0.61	37.77	-250.2
G206	7/30/2024	13:30	18.13	19.1	66.4	7.31	898.1	0.59	40.73	-256.4
G206	7/30/2024	13:33	18.13	19.1	66.4	7.30	898.1	0.57	43.97	-259.4
G206	7/30/2024	13:36	18.13	19.1	66.3	7.29	899.1	0.56	48.96	-262.1

Site Samping Event: COF-24Q3
LIMS Workorder: 24071451
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Quality Parameters
Coffeen- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G206D	7/30/2024	12:51	26.95	19.7	67.5	7.13	973.5	1.16	13.16	-16.5
G206D	7/30/2024	12:54	26.95	19.6	67.2	7.18	969.6	1.02	15.28	-32.3
G206D	7/30/2024	12:57	26.95	19.5	67.1	7.20	968.8	0.94	12.50	-45.6
G206D	7/30/2024	13:00	26.95	19.5	67.0	7.21	965.6	0.87	12.37	-56.9
G206D	7/30/2024	13:03	26.95	19.4	66.9	7.23	963.6	0.83	12.00	-65.9
G206D	7/30/2024	13:06	26.95	19.4	66.9	7.24	962.5	0.80	12.68	-73.5

Site Samping Event: COF-24Q3
LIMS Workorder: 24071451
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Quality Parameters
Coffeen- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G207	7/30/2024	12:16	13.76	22.4	72.3	7.02	644.7	3.69	2.27	40.0
G207	7/30/2024	12:19	13.76	22.0	71.6	6.98	650.8	3.27	2.87	40.3
G207	7/30/2024	12:22	13.76	21.7	71.1	6.96	648.1	3.00	3.41	40.9
G207	7/30/2024	12:25	13.76	21.3	70.4	6.93	645.7	2.78	2.16	42.0

Site Samping Event: COF-24Q3
LIMS Workorder: 24071451
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Quality Parameters
Coffeen- 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	7/30/2024	10:07	12.18	19.1	66.4	6.99	579.5	2.73	7.28	80.9
G208	7/30/2024	10:10	12.18	19.5	67.1	7.03	574.6	2.56	5.88	81.7
G208	7/30/2024	10:13	12.18	19.8	67.7	7.05	569.9	2.39	5.96	83.1
G208	7/30/2024	10:16	12.18	20.1	68.1	7.07	563.6	2.32	7.56	84.5

Site Samping Event: COF-24Q3
LIMS Workorder: 24071451
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Quality Parameters
Coffeen- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G209	7/30/2024	10:48	11.75	19.5	67.1	6.89	1,230.7	0.81	13.92	-32.7
G209	7/30/2024	10:51	11.75	19.6	67.2	6.88	1,231.8	0.77	28.20	-35.9
G209	7/30/2024	10:54	11.75	19.6	67.2	6.88	1,231.1	0.74	41.70	-38.1
G209	7/30/2024	10:57	11.75	19.7	67.4	6.88	1,229.2	0.73	45.02	-39.7
G209	7/30/2024	11:00	11.75	19.5	67.1	6.88	1,231.3	0.71	51.62	-40.8
G209	7/30/2024	11:03	11.75	19.4	67.0	6.88	1,228.5	0.70	58.50	-41.5
G209	7/30/2024	11:06	11.75	19.4	66.9	6.88	1,223.6	0.69	63.27	-41.9
G209	7/30/2024	11:09	11.75	19.5	67.0	6.88	1,222.3	0.68	67.52	-42.2

Site Samping Event: COF-24Q3
LIMS Workorder: 24071451
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Quality Parameters
Coffeen- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G210	7/30/2024	11:35	11.89	22.3	72.2	7.25	910.7	1.66	118.27	28.2
G210	7/30/2024	11:38	11.89	22.8	73.0	7.23	916.8	1.28	110.83	21.8
G210	7/30/2024	11:41	11.89	22.8	73.1	7.21	918.0	1.03	90.70	15.1
G210	7/30/2024	11:44	11.89	22.8	73.1	7.20	918.6	0.91	75.53	9.5
G210	7/30/2024	11:47	11.89	23.1	73.6	7.20	918.1	0.86	65.41	4.8

Site Samping Event: COF-24Q3
LIMS Workorder: 24071451
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Quality Parameters
Coffeen- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G211	8/1/2024	9:34	12.47	20.6	69.1	7.33	801.1	0.88	68.42	13.0
G211	8/1/2024	9:37	12.47	20.5	68.9	7.32	802.3	0.86	81.58	14.7
G211	8/1/2024	9:40	12.47	20.4	68.8	7.32	800.2	0.83	87.06	16.1
G211	8/1/2024	9:43	12.47	20.4	68.7	7.32	800.2	0.82	83.85	17.4
G211	8/1/2024	9:46	12.47	20.4	68.7	7.31	800.5	0.81	74.84	18.5

Site Samping Event: COF-24Q3
LIMS Workorder: 24071451
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Quality Parameters
Coffeen- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G212	8/1/2024	10:07	13.53	19.0	66.2	7.16	686.0	0.92	3.34	57.1
G212	8/1/2024	10:10	13.53	19.0	66.1	7.18	688.8	0.85	4.84	56.5
G212	8/1/2024	10:13	13.53	18.9	66.0	7.19	689.1	0.81	4.99	55.6
G212	8/1/2024	10:16	13.53	18.8	65.9	7.19	690.0	0.77	5.92	54.9
G212	8/1/2024	10:19	13.53	18.7	65.6	7.20	691.7	0.75	6.50	54.2

Site Samping Event: COF-24Q3
LIMS Workorder: 24071451
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Quality Parameters
Coffeen- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G213	8/1/2024	11:00	14.52	18.6	65.5	7.09	672.9	0.78	12.48	19.6
G213	8/1/2024	11:03	14.52	18.7	65.7	7.09	672.5	0.75	6.59	17.5
G213	8/1/2024	11:06	14.52	18.8	65.8	7.09	673.0	0.73	3.98	15.5
G213	8/1/2024	11:09	14.52	18.9	66.0	7.09	673.7	0.71	8.88	13.8
G213	8/1/2024	11:12	14.52	18.6	65.6	7.09	673.3	0.70	4.62	12.6
G213	8/1/2024	11:15	14.52	18.3	64.9	7.09	671.8	0.70	5.48	11.8

Site Samping Event: COF-24Q3
LIMS Workorder: 24071451
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Quality Parameters
Coffeen- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G214	8/6/2024	12:03	16.50	19.4	66.9	6.98	775.1	1.82	10.87	47.5
G214	8/6/2024	12:06	16.50	19.3	66.7	6.97	786.8	1.53	16.41	46.1
G214	8/6/2024	12:09	16.50	19.3	66.7	6.96	795.5	1.29	25.37	44.9
G214	8/6/2024	12:12	16.50	19.3	66.8	6.96	795.8	1.17	35.19	44.1
G214	8/6/2024	12:15	16.50	19.3	66.7	6.96	793.6	1.10	44.53	43.6
G214	8/6/2024	12:18	16.50	19.4	67.0	6.96	793.1	1.01	53.66	43.2

Site Samping Event: COF-24Q3
LIMS Workorder: 24071451
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Quality Parameters
Coffeen- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G215	8/6/2024	11:07	15.84	18.9	66.0	6.82	1,383.1	0.93	145.82	-28.8
G215	8/6/2024	11:10	15.84	18.7	65.6	6.82	1,377.1	0.82	118.91	-29.8
G215	8/6/2024	11:13	15.84	18.8	65.8	6.82	1,373.8	0.76	119.50	-30.7
G215	8/6/2024	11:16	15.84	18.7	65.6	6.82	1,375.4	0.69	129.77	-31.4
G215	8/6/2024	11:19	15.84	18.6	65.5	6.82	1,374.8	0.66	146.11	-32.0

Site Samping Event: COF-24Q3
LIMS Workorder: 24071451
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Quality Parameters
Coffeen- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G216	8/6/2024	10:25	15.04	18.9	66.0	6.80	1,702.0	1.55	31.39	-86.2
G216	8/6/2024	10:28	15.04	18.7	65.7	6.80	1,698.8	1.33	53.57	-84.7
G216	8/6/2024	10:31	15.04	18.8	65.9	6.79	1,697.5	1.27	97.34	-83.4
G216	8/6/2024	10:34	15.04	18.8	65.9	6.79	1,703.7	1.37	111.45	-82.8
G216	8/6/2024	10:37	15.04	18.8	65.8	6.80	1,702.2	1.17	135.50	-83.2

Site Samping Event: COF-24Q3
LIMS Workorder: 24071451
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Quality Parameters
Coffeen- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G217	8/6/2024	9:21	16.42	17.1	62.8	6.70	1,323.4	0.34	17.01	-94.9
G217	8/6/2024	9:24	16.42	17.1	62.7	6.71	1,325.0	0.32	52.13	-96.1
G217	8/6/2024	9:27	16.42	17.1	62.7	6.71	1,324.6	0.31	67.86	-95.4
G217	8/6/2024	9:30	16.42	17.1	62.8	6.72	1,326.2	0.30	88.00	-95.3
G217	8/6/2024	9:33	16.42	17.2	62.9	6.72	1,325.3	0.30	102.80	-93.2
G217	8/6/2024	9:36	16.42	17.2	62.9	6.72	1,325.6	0.29	111.98	-92.7
G217	8/6/2024	9:39	16.42	17.1	62.9	6.72	1,326.7	0.28	158.26	-92.9

Site Samping Event: COF-24Q3
LIMS Workorder: 24071451
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Quality Parameters
Coffeen- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G218	7/31/2024	9:45	14.71	19.7	67.4	6.93	1,686.2	1.45	74.32	-94.8
G218	7/31/2024	9:48	14.71	19.7	67.5	6.92	1,693.8	1.43	79.77	-95.4
G218	7/31/2024	9:51	14.71	20.0	67.9	6.92	1,695.6	1.40	88.15	-97.1
G218	7/31/2024	9:54	14.71	20.2	68.3	6.92	1,698.5	1.36	92.76	-99.3
G218	7/31/2024	9:57	14.71	20.4	68.6	6.92	1,697.9	1.33	102.13	-100.8
G218	7/31/2024	10:00	14.71	20.6	69.1	6.92	1,699.9	1.30	110.88	-101.5
G218	7/31/2024	10:03	14.71	21.0	69.8	6.92	1,705.0	1.29	136.68	-101.2

Site Samping Event: COF-24Q3
LIMS Workorder: 24071451
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Quality Parameters
Coffeen- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G219	7/31/2024	10:55	7.55	19.5	67.1	7.10	867.3	4.96	10.02	-20.9
G219	7/31/2024	10:58	7.55	19.4	66.9	7.10	870.0	4.98	28.33	-19.6
G219	7/31/2024	11:01	7.55	19.2	66.5	7.09	869.3	4.97	15.90	-18.7
G219	7/31/2024	11:04	7.55	19.2	66.5	7.09	869.7	5.01	524.32	-18.3
G219	7/31/2024	11:07	7.55	19.0	66.2	7.09	869.0	5.04	5.18	-18.2
G219	7/31/2024	11:10	7.55	19.1	66.4	7.09	868.0	5.15	3.18	-17.9
G219	7/31/2024	11:13	7.55	19.0	66.1	7.09	868.1	5.24	2.48	-17.3
G219	7/31/2024	11:16	7.55	18.9	66.0	7.09	865.9	5.29	6.17	-16.6

Site Samping Event: COF-24Q3
LIMS Workorder: 24071451
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Quality Parameters
Coffeen- 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	8/7/2024	12:51	14.18	16.2	61.2	6.77	965.6	1.30	64.35	17.5
G220	8/7/2024	12:54	14.18	16.1	61.0	6.77	961.7	1.15	61.33	21.1
G220	8/7/2024	12:57	14.18	16.2	61.2	6.77	961.3	1.04	74.93	23.4
G220	8/7/2024	13:00	14.18	16.3	61.3	6.77	959.7	0.98	90.65	25.6
G220	8/7/2024	13:03	14.18	16.2	61.1	6.76	963.2	0.95	124.64	27.0

Site Samping Event: COF-24Q3
LIMS Workorder: 24071451
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Quality Parameters
Coffeen- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G270	8/7/2024	10:17	7.59	17.4	63.4	6.96	562.3	1.38	58.13	-91.0
G270	8/7/2024	10:20	7.59	17.6	63.7	6.95	559.4	1.23	58.46	-84.8
G270	8/7/2024	10:23	7.59	17.7	63.8	6.95	558.8	1.17	55.77	-76.7
G270	8/7/2024	10:26	7.59	17.6	63.8	6.94	557.3	1.10	54.64	-68.7
G270	8/7/2024	10:29	7.59	17.8	64.0	6.93	556.5	1.06	53.76	-62.9

Site Samping Event: COF-24Q3
LIMS Workorder: 24071451
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Quality Parameters
Coffeen- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G271	7/31/2024	11:09	10.93	17.9	64.1	7.19	1,012.0	3.22	4.12	189.5
G271	7/31/2024	11:12	10.93	17.7	63.9	7.19	995.1	3.57	1.98	192.9
G271	7/31/2024	11:15	10.93	17.6	63.6	7.16	1,019.9	3.38	1.05	195.3
G271	7/31/2024	11:18	10.93	17.5	63.5	7.14	1,040.7	3.04	1.03	196.5
G271	7/31/2024	11:21	10.93	17.5	63.4	7.14	1,037.2	3.03	1.31	196.3
G271	7/31/2024	11:24	10.93	17.4	63.4	7.14	1,038.9	3.07	1.82	196.6

Site Samping Event: COF-24Q3
LIMS Workorder: 24071451
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Quality Parameters
Coffeen- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G272	7/31/2024	10:31	11.02	18.8	65.9	7.19	1,421.7	2.17	40.66	200.4
G272	7/31/2024	10:34	11.02	19.0	66.1	7.15	1,412.2	1.99	29.16	195.4
G272	7/31/2024	10:37	11.02	18.8	65.9	7.15	1,379.3	2.21	17.07	190.4
G272	7/31/2024	10:40	11.02	18.6	65.5	7.14	1,371.0	2.25	12.53	186.5
G272	7/31/2024	10:43	11.02	18.5	65.4	7.13	1,375.7	2.12	9.50	183.0

Site Samping Event: COF-24Q3
LIMS Workorder: 24071451
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Quality Parameters
Coffeen- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G273	7/31/2024	9:53	10.87	17.2	63.0	6.92	1,553.6	1.17	5.19	148.3
G273	7/31/2024	9:56	10.87	17.8	64.1	6.96	1,556.5	1.13	4.30	119.5
G273	7/31/2024	9:59	10.87	18.9	66.0	6.99	1,550.5	1.06	4.60	92.8
G273	7/31/2024	10:02	10.87	18.5	65.4	6.98	1,570.6	1.09	4.43	73.1

Site Samping Event: COF-24Q3
LIMS Workorder: 24071451
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Quality Parameters
Coffeen- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G274	7/30/2024	13:39	14.20	17.6	63.7	7.17	1,018.7	0.96	2.85	20.8
G274	7/30/2024	13:42	14.20	17.5	63.5	7.16	1,062.2	0.70	2.90	11.9
G274	7/30/2024	13:45	14.20	17.4	63.3	7.16	1,050.3	0.63	2.70	5.5
G274	7/30/2024	13:48	14.20	17.4	63.3	7.16	1,044.6	0.57	2.63	0.8
G274	7/30/2024	13:51	14.20	17.3	63.1	7.15	1,049.8	0.53	2.39	-2.1

Site Samping Event: COF-24Q3
LIMS Workorder: 24071451
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Quality Parameters
Coffeen- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G275	8/1/2024	12:15	13.29	18.1	64.7	7.15	1,129.7	2.00	32.44	-38.8
G275	8/1/2024	12:18	13.29	19.3	66.8	7.01	1,171.4	1.38	27.26	-38.8
G275	8/1/2024	12:21	13.29	19.5	67.0	6.98	1,179.9	1.21	6.24	-36.0
G275	8/1/2024	12:24	13.29	19.2	66.6	6.96	1,198.9	1.06	5.73	-32.8
G275	8/1/2024	12:27	13.29	18.6	65.4	6.95	1,208.6	0.93	8.45	-29.2

Site Samping Event: COF-24Q3
LIMS Workorder: 24071451
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Quality Parameters
Coffeen- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G275D	8/1/2024	12:02	39.67	19.3	66.7	7.21	1,503.8	0.77	6.36	-95.8
G275D	8/1/2024	12:05	39.67	17.5	63.6	7.23	1,538.0	0.73	10.24	-110.5
G275D	8/1/2024	12:08	39.67	16.7	62.0	7.26	1,493.1	0.67	6.64	-119.7
G275D	8/1/2024	12:11	39.67	16.6	61.8	7.27	1,491.3	0.65	8.59	-126.5
G275D	8/1/2024	12:14	39.67	16.7	62.0	7.28	1,489.6	0.64	8.49	-132.4

Site Samping Event: COF-24Q3
LIMS Workorder: 24071451
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Quality Parameters
Coffeen- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G276	7/31/2024	12:09	27.79	20.4	68.8	7.07	1,346.0	7.31	650.87	58.1
G276	7/31/2024	12:12	27.79	19.1	66.3	6.92	1,338.4	7.19	737.46	61.4
G276	7/31/2024	12:15	27.79	18.7	65.7	6.91	1,337.7	6.28	741.74	62.9
G276	7/31/2024	12:18	27.79	19.2	66.5	6.90	1,335.1	5.86	738.19	63.5
G276	7/31/2024	12:21	27.79	19.3	66.7	6.89	1,336.2	5.48	736.42	63.8
G276	7/31/2024	12:24	27.79	19.7	67.4	6.88	1,333.5	5.02	729.67	64.0
G276	7/31/2024	12:27	27.79	19.9	67.7	6.88	1,333.2	4.65	3.69	64.0
G276	7/31/2024	12:30	27.79	19.3	66.8	6.87	1,330.2	4.29	2.80	64.2
G276	7/31/2024	12:33	27.79	19.7	67.4	6.87	1,322.9	3.83	3.49	64.4

Site Samping Event: COF-24Q3
LIMS Workorder: 24071451
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Quality Parameters
Coffeen- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G277	7/30/2024	12:27	19.99	19.4	67.0	6.88	2,562.0	3.27	52.09	104.0
G277	7/30/2024	12:30	19.99	20.0	68.0	6.86	2,641.9	3.10	43.29	106.7
G277	7/30/2024	12:33	19.99	20.1	68.2	6.86	2,668.4	3.07	34.60	108.7
G277	7/30/2024	12:36	19.99	20.1	68.2	6.86	2,664.5	2.96	23.28	110.3
G277	7/30/2024	12:39	19.99	20.3	68.5	6.86	2,651.8	3.08	14.92	111.7

Site Samping Event: COF-24Q3
LIMS Workorder: 24071451
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Quality Parameters
Coffeen- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G278	7/31/2024	12:58	23.03	18.0	64.4	6.83	4,686.5	6.94	74.41	95.4
G278	7/31/2024	13:01	23.03	17.6	63.7	6.88	3,795.5	5.08	65.89	93.6
G278	7/31/2024	13:04	23.03	17.2	62.9	6.90	3,711.4	5.13	60.79	92.8
G278	7/31/2024	13:07	23.03	17.0	62.6	6.77	4,629.5	3.21	55.95	98.3
G278	7/31/2024	13:10	23.03	17.1	62.8	6.72	5,143.8	1.92	53.00	101.1
G278	7/31/2024	13:13	23.03	17.1	62.9	6.70	5,375.9	1.36	52.30	102.4

Site Samping Event: COF-24Q3
LIMS Workorder: 24071451
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Quality Parameters
Coffeen- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G279	7/30/2024	10:44	23.89	17.9	64.2	6.64	5,799.9	0.84	12.78	148.9
G279	7/30/2024	10:47	23.89	18.2	64.7	6.66	5,836.4	0.74	5.97	147.7
G279	7/30/2024	10:50	23.89	17.7	63.9	6.65	6,321.1	0.56	3.80	148.5
G279	7/30/2024	10:53	23.89	17.6	63.6	6.61	6,376.8	0.47	4.16	151.2
G279	7/30/2024	10:56	23.89	17.7	63.9	6.61	6,422.1	0.42	3.87	152.9

Site Samping Event: COF-24Q3
LIMS Workorder: 24071451
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Quality Parameters
Coffeen- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G280	7/30/2024	11:32	5.49	17.6	63.6	7.39	878.0	0.69	19.89	97.8
G280	7/30/2024	11:35	5.49	17.4	63.4	7.39	872.9	0.52	27.29	95.0
G280	7/30/2024	11:38	5.49	17.3	63.2	7.38	869.7	0.45	34.18	93.2
G280	7/30/2024	11:41	5.49	17.2	63.0	7.37	869.2	0.40	42.47	92.0
G280	7/30/2024	11:44	5.49	17.3	63.1	7.37	867.9	0.37	53.71	91.0
G280	7/30/2024	11:47	5.49	17.3	63.1	7.36	867.8	0.35	61.69	90.1
G280	7/30/2024	11:50	5.49	17.2	63.0	7.36	867.3	0.35	62.56	89.4

Site Samping Event: COF-24Q3
LIMS Workorder: 24071451
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Quality Parameters
Coffeen- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G281	7/30/2024	9:58	6.21	19.3	66.7	6.99	1,358.4	1.71	45.19	65.8
G281	7/30/2024	10:01	6.21	19.4	66.9	6.99	1,360.1	1.50	52.32	67.4
G281	7/30/2024	10:04	6.21	19.5	67.1	6.99	1,358.7	1.35	41.47	69.7
G281	7/30/2024	10:07	6.21	19.6	67.2	6.98	1,355.7	1.23	36.41	71.8
G281	7/30/2024	10:10	6.21	19.5	67.1	6.98	1,355.3	1.19	39.22	74.1
G281	7/30/2024	10:13	6.21	19.4	67.0	6.98	1,352.6	1.14	37.78	76.0

Site Samping Event: COF-24Q3
LIMS Workorder: 24071451
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Quality Parameters
Coffeen- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G283	8/7/2024	13:40	5.46	16.9	62.4	6.91	957.6	0.95	7.02	-66.9
G283	8/7/2024	13:43	5.46	16.8	62.2	6.92	957.3	0.86	8.92	-69.5
G283	8/7/2024	13:46	5.46	16.8	62.2	6.92	957.3	0.78	15.99	-71.6
G283	8/7/2024	13:49	5.46	16.8	62.2	6.92	957.1	0.76	28.53	-73.2
G283	8/7/2024	13:52	5.46	16.7	62.1	6.92	957.7	0.73	48.29	-74.5

Site Samping Event: COF-24Q3
LIMS Workorder: 24071451
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Quality Parameters
Coffeen- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G284	8/7/2024	10:58	11.04	18.0	64.3	6.96	541.3	4.14	10.99	58.3
G284	8/7/2024	11:01	11.04	17.8	64.0	6.95	548.9	3.73	8.53	59.9
G284	8/7/2024	11:04	11.04	17.7	63.9	6.94	557.3	3.43	6.50	60.6
G284	8/7/2024	11:07	11.04	17.8	64.0	6.93	565.9	3.15	6.00	61.2
G284	8/7/2024	11:10	11.04	17.7	63.9	6.92	573.0	2.89	5.23	61.7
G284	8/7/2024	11:13	11.04	17.7	63.8	6.92	578.5	2.68	4.90	62.1
G284	8/7/2024	11:16	11.04	17.6	63.7	6.91	582.4	2.49	4.42	62.6
G284	8/7/2024	11:19	11.04	17.6	63.8	6.91	585.2	2.32	4.19	62.9
G284	8/7/2024	11:22	11.04	17.6	63.7	6.91	588.0	2.18	4.42	63.1
G284	8/7/2024	11:25	11.04	17.6	63.6	6.91	590.4	2.04	5.17	63.3

Site Samping Event: COF-24Q3
LIMS Workorder: 24071451
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Quality Parameters
Coffeen- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G285	8/7/2024	11:51	4.96	18.3	64.9	6.56	1,605.8	1.61	46.67	-118.4
G285	8/7/2024	11:54	4.96	19.5	67.2	6.57	1,603.2	1.74	73.54	-116.2
G285	8/7/2024	11:57	4.96	19.6	67.3	6.58	1,613.3	1.58	110.55	-116.8
G285	8/7/2024	12:00	4.96	19.5	67.1	6.58	1,620.8	1.50	15.38	-116.0
G285	8/7/2024	12:03	4.96	19.5	67.1	6.58	1,621.1	1.43	34.82	-116.2

Site Samping Event: COF-24Q3
LIMS Workorder: 24071451
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Quality Parameters
Coffeen- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G301	8/5/2024	10:18	8.03	21.3	70.3	6.44	929.6	0.57	5.28	-37.1
G301	8/5/2024	10:21	8.03	21.4	70.6	6.44	924.2	0.49	5.82	-48.1
G301	8/5/2024	10:24	8.03	21.5	70.8	6.45	922.5	0.47	5.88	-51.5
G301	8/5/2024	10:27	8.03	21.5	70.7	6.46	919.2	0.43	6.15	-51.1
G301	8/5/2024	10:30	8.03	19.4	66.9	6.47	923.3	0.35	6.50	-47.6
G301	8/5/2024	10:33	8.03	18.9	66.0	6.47	913.6	0.29	6.02	-42.4
G301	8/5/2024	10:36	8.03	18.9	66.1	6.47	910.2	0.28	5.21	-45.0

Site Samping Event: COF-24Q3
LIMS Workorder: 24071451
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Quality Parameters
Coffeen- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G302	8/5/2024	11:31	11.96	18.7	65.7	6.62	1,311.5	0.55	28.48	-79.4
G302	8/5/2024	11:34	11.96	18.8	65.9	6.61	1,302.1	0.41	17.17	-75.4
G302	8/5/2024	11:37	11.96	18.7	65.6	6.62	1,300.4	0.41	28.07	-72.0
G302	8/5/2024	11:40	11.96	18.6	65.5	6.62	1,297.6	0.48	22.19	-69.4
G302	8/5/2024	11:43	11.96	18.7	65.6	6.63	1,297.3	0.50	13.60	-67.0

Site Samping Event: COF-24Q3
LIMS Workorder: 24071451
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Quality Parameters
Coffeen- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G303	7/31/2024	13:37	6.81	17.5	63.4	6.73	1,781.4	1.37	12.41	-26.0
G303	7/31/2024	13:40	6.81	17.4	63.3	6.73	1,786.3	1.17	17.90	-28.2
G303	7/31/2024	13:43	6.81	17.4	63.3	6.73	1,796.4	1.08	32.87	-31.0
G303	7/31/2024	13:46	6.81	17.4	63.3	6.73	1,790.8	1.01	46.57	-34.5
G303	7/31/2024	13:49	6.81	17.4	63.4	6.73	1,795.1	0.95	59.89	-37.0

Site Samping Event: COF-24Q3
LIMS Workorder: 24071451
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Quality Parameters
Coffeen- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G305	8/1/2024	10:16	8.22	18.5	65.3	7.05	1,490.0	1.23	2.56	-84.1
G305	8/1/2024	10:19	8.22	18.4	65.1	7.05	1,487.4	1.06	2.45	-72.8
G305	8/1/2024	10:22	8.22	18.3	64.9	7.05	1,484.0	0.94	2.48	-63.6
G305	8/1/2024	10:25	8.22	18.2	64.8	7.05	1,482.7	0.86	2.45	-56.9
G305	8/1/2024	10:28	8.22	18.3	64.9	7.06	1,482.1	0.80	2.09	-52.0

Site Samping Event: COF-24Q3
LIMS Workorder: 24071451
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Quality Parameters
Coffeen- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G306	8/1/2024	9:20	7.22	16.4	61.5	6.31	635.9	0.63	137.98	80.7
G306	8/1/2024	9:23	7.22	16.6	61.8	6.29	628.6	0.65	151.48	82.8
G306	8/1/2024	9:26	7.22	16.6	61.8	6.29	625.6	0.69	172.76	85.1
G306	8/1/2024	9:29	7.22	16.4	61.6	6.29	626.8	0.70	186.67	87.3
G306	8/1/2024	9:32	7.22	16.5	61.7	6.28	625.3	0.73	204.37	88.7
G306	8/1/2024	9:35	7.22	16.4	61.6	6.29	627.7	0.71	54.84	90.4
G306	8/1/2024	9:38	7.22	16.5	61.8	6.29	626.3	0.60	61.53	91.4
G306	8/1/2024	9:41	7.22	16.5	61.6	6.29	624.5	0.61	84.59	92.6
G306	8/1/2024	9:44	7.22	16.5	61.7	6.29	624.5	0.76	209.69	93.7

Site Samping Event: COF-24Q3
LIMS Workorder: 24071451
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Quality Parameters
Coffeen- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G307	8/1/2024	12:01	0.89	21.7	71.1	6.90	1,001.5	0.85	13.85	-122.7
G307	8/1/2024	12:04	0.89	21.6	71.0	6.92	999.7	0.76	9.25	-121.6
G307	8/1/2024	12:07	0.89	21.5	70.6	6.94	1,000.0	0.72	5.07	-115.9
G307	8/1/2024	12:10	0.89	21.3	70.3	6.94	999.7	0.69	7.13	-109.5
G307	8/1/2024	12:13	0.89	21.2	70.1	6.95	1,000.7	0.67	9.31	-103.2

Site Samping Event: COF-24Q3
LIMS Workorder: 24071451
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Quality Parameters
Coffeen- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G307D	8/1/2024	11:20	6.34	18.3	64.9	7.17	1,131.9	0.60	46.02	-97.2
G307D	8/1/2024	11:23	6.34	19.5	67.1	7.15	1,128.3	0.61	49.16	-95.3
G307D	8/1/2024	11:26	6.34	20.1	68.2	7.13	1,125.5	0.68	57.10	-89.9
G307D	8/1/2024	11:29	6.34	20.4	68.7	7.10	1,108.1	1.00	61.64	-81.0
G307D	8/1/2024	11:32	6.34	20.1	68.2	7.09	1,087.1	1.74	40.72	-72.0
G307D	8/1/2024	11:35	6.34	19.5	67.2	7.08	1,067.6	2.06	18.02	-65.2
G307D	8/1/2024	11:38	6.34	19.6	67.3	7.07	1,063.9	2.20	24.98	-61.0
G307D	8/1/2024	11:41	6.34	19.7	67.4	7.07	1,059.2	2.32	30.06	-56.4

Site Samping Event: COF-24Q3
LIMS Workorder: 24071451
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Quality Parameters
Coffeen- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G308	8/1/2024	12:47	5.02	18.1	64.6	7.02	1,539.2	0.50	5.61	-11.5
G308	8/1/2024	12:50	5.02	18.0	64.3	7.02	1,540.3	0.39	3.98	-11.4
G308	8/1/2024	12:53	5.02	17.8	64.1	7.03	1,543.0	0.34	3.55	-11.1
G308	8/1/2024	12:56	5.02	17.8	64.0	7.03	1,542.2	0.31	3.28	-10.8

Site Samping Event: COF-24Q3
LIMS Workorder: 24071451
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Quality Parameters
Coffeen- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G310	8/1/2024	13:38	9.56	18.5	65.3	6.93	1,183.6	0.60	5.38	44.3
G310	8/1/2024	13:41	9.56	18.4	65.1	6.93	1,184.1	0.58	4.90	42.6
G310	8/1/2024	13:44	9.56	18.5	65.2	6.93	1,184.3	0.54	4.30	40.9
G310	8/1/2024	13:47	9.56	18.4	65.1	6.94	1,184.1	0.45	3.43	39.5

Site Samping Event: COF-24Q3
LIMS Workorder: 24071451
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Quality Parameters
Coffeen- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G312	8/5/2024	12:37	13.75	18.2	64.8	6.40	1,525.5	1.36	5.08	56.5
G312	8/5/2024	12:40	13.75	18.2	64.8	6.39	1,573.5	1.23	3.65	44.5
G312	8/5/2024	12:43	13.75	18.1	64.7	6.39	1,624.2	1.14	3.08	33.2
G312	8/5/2024	12:46	13.75	18.1	64.6	6.39	1,671.7	1.05	3.24	22.7
G312	8/5/2024	12:49	13.75	18.2	64.7	6.38	1,709.9	0.98	3.48	19.0
G312	8/5/2024	12:52	13.75	18.2	64.8	6.38	1,741.7	0.92	5.18	20.9
G312	8/5/2024	12:55	13.75	18.0	64.5	6.38	1,772.4	0.85	6.69	21.9

Site Samping Event: COF-24Q3
LIMS Workorder: 24071451
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Quality Parameters
Coffeen- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G313	7/31/2024	12:38	2.93	19.9	67.8	6.73	1,583.0	0.47	42.03	35.7
G313	7/31/2024	12:41	2.93	19.8	67.7	6.73	1,580.1	0.41	49.79	34.2
G313	7/31/2024	12:44	2.93	19.9	67.8	6.73	1,580.5	0.38	65.08	33.0
G313	7/31/2024	12:47	2.93	20.1	68.2	6.73	1,583.5	0.36	3.99	32.6
G313	7/31/2024	12:50	2.93	20.1	68.1	6.73	1,587.2	0.36	5.47	32.6
G313	7/31/2024	12:53	2.93	20.0	68.0	6.73	1,588.3	0.34	9.40	32.6

Site Samping Event: COF-24Q3
LIMS Workorder: 24071451
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Quality Parameters
Coffeen- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G314	7/31/2024	11:30	4.49	17.7	63.8	6.41	3,291.5	0.40	69.93	-25.9
G314	7/31/2024	11:33	4.49	17.6	63.7	6.42	3,290.7	0.34	183.00	-28.4
G314	7/31/2024	11:36	4.49	17.7	63.8	6.43	3,277.7	0.31	83.37	-33.1
G314	7/31/2024	11:39	4.49	17.7	63.8	6.44	3,278.8	0.29	138.58	-35.3
G314	7/31/2024	11:42	4.49	17.7	63.9	6.44	3,286.1	0.29	10.75	-34.7
G314	7/31/2024	11:45	4.49	18.1	64.6	6.45	3,281.9	0.29	21.74	-34.2
G314	7/31/2024	11:48	4.49	18.2	64.8	6.45	3,284.4	0.29	35.61	-33.4

Site Samping Event: COF-24Q3
LIMS Workorder: 24071451
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Quality Parameters
Coffeen- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G314D	7/31/2024	10:28	6.79	17.8	64.1	6.73	2,560.6	0.39	116.51	-47.2
G314D	7/31/2024	10:31	6.79	18.1	64.5	6.73	2,560.4	0.37	148.95	-51.1
G314D	7/31/2024	10:34	6.79	18.2	64.8	6.73	2,561.7	0.33	241.84	-53.7
G314D	7/31/2024	10:37	6.79	18.1	64.6	6.74	2,559.7	0.31	203.96	-55.6
G314D	7/31/2024	10:40	6.79	18.1	64.5	6.74	2,558.4	0.30	287.74	-57.1
G314D	7/31/2024	10:43	6.79	18.1	64.5	6.74	2,556.8	0.28	386.54	-58.6
G314D	7/31/2024	10:46	6.79	18.0	64.4	6.74	2,556.4	0.27	214.08	-59.9
G314D	7/31/2024	10:49	6.79	18.0	64.4	6.74	2,555.1	0.26	234.10	-61.0
G314D	7/31/2024	10:52	6.79	18.1	64.6	6.74	2,553.0	0.25	201.30	-62.3

Site Samping Event: COF-24Q3
LIMS Workorder: 24071451
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Quality Parameters
Coffeen- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G315	7/31/2024	14:23	2.64	18.6	65.5	6.71	1,111.2	0.96	20.05	39.3
G315	7/31/2024	14:26	2.64	18.8	65.8	6.71	1,108.8	0.66	16.62	39.1
G315	7/31/2024	14:29	2.64	18.6	65.5	6.71	1,109.7	0.52	20.55	40.1
G315	7/31/2024	14:32	2.64	18.8	65.8	6.71	1,112.4	0.43	10.24	41.2
G315	7/31/2024	14:35	2.64	18.7	65.6	6.71	1,116.0	0.38	10.00	42.3
G315	7/31/2024	14:38	2.64	18.7	65.6	6.71	1,115.8	0.36	10.05	43.2

Site Samping Event: COF-24Q3
LIMS Workorder: 24071451
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Quality Parameters
Coffeen- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G316	7/31/2024	9:44	11.51	17.6	63.6	6.71	1,751.7	0.71	12.67	-96.5
G316	7/31/2024	9:47	11.51	17.3	63.1	6.75	1,703.8	0.48	11.53	-102.4
G316	7/31/2024	9:50	11.51	17.3	63.1	6.74	1,721.8	0.41	8.82	-104.5
G316	7/31/2024	9:53	11.51	17.3	63.2	6.74	1,739.6	0.36	6.85	-105.8

Site Samping Event: COF-24Q3
LIMS Workorder: 24071451
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Quality Parameters
Coffeen- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G401	8/2/2024	9:12	21.72	18.5	65.3	5.92	2,519.2	3.12	73.08	39.3
G401	8/2/2024	9:15	21.72	17.9	64.2	5.81	2,828.9	1.25	62.69	25.9
G401	8/2/2024	9:18	21.72	17.6	63.7	5.82	2,838.6	0.99	16.40	22.6
G401	8/2/2024	9:21	21.72	17.4	63.4	5.82	2,834.6	0.89	8.70	20.5
G401	8/2/2024	9:24	21.72	17.5	63.4	5.82	2,829.6	0.84	7.77	19.4

Site Samping Event: COF-24Q3
LIMS Workorder: 24071451
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Quality Parameters
Coffeen- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G402	8/1/2024	13:58	10.86	20.2	68.3	6.78	1,637.7	2.32	20.81	73.9
G402	8/1/2024	14:01	10.86	21.1	69.9	6.78	1,646.8	2.66	20.42	72.3
G402	8/1/2024	14:04	10.86	21.1	70.0	6.80	1,653.2	3.39	29.38	71.3
G402	8/1/2024	14:07	10.86	18.7	65.7	6.84	1,644.7	4.75	28.80	72.3
G402	8/1/2024	14:10	10.86	18.5	65.3	6.89	1,635.8	6.16	33.85	73.8
G402	8/1/2024	14:13	10.86	18.3	64.9	6.90	1,633.3	6.38	21.80	74.8
G402	8/1/2024	14:16	10.86	17.9	64.2	6.95	1,631.1	7.00	26.09	75.9

Site Samping Event: COF-24Q3
LIMS Workorder: 24071451
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Quality Parameters
Coffeen- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G403	8/1/2024	9:04	6.50	18.6	65.5	6.88	759.4	1.61	5.19	220.3
G403	8/1/2024	9:07	6.50	19.1	66.4	6.83	750.1	1.15	7.64	216.7
G403	8/1/2024	9:10	6.50	19.2	66.5	6.80	744.0	1.05	11.00	211.4
G403	8/1/2024	9:13	6.50	19.2	66.6	6.80	741.4	0.93	14.65	205.8
G403	8/1/2024	9:16	6.50	19.2	66.6	6.81	739.7	0.87	16.33	201.0

Site Samping Event: COF-24Q3
LIMS Workorder: 24071451
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Quality Parameters
Coffeen- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G404	7/31/2024	12:10	4.40	19.7	67.5	6.64	2,169.5	1.46	2.32	187.2
G404	7/31/2024	12:13	4.40	19.8	67.7	6.61	1,997.3	0.97	2.62	168.7
G404	7/31/2024	12:16	4.40	19.8	67.7	6.66	1,661.5	0.88	3.45	151.4
G404	7/31/2024	12:19	4.40	19.8	67.7	6.72	1,465.2	0.83	4.14	138.6

Site Samping Event: COF-24Q3
LIMS Workorder: 24071451
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Quality Parameters
Coffeen- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G405	7/31/2024	12:48	5.66	19.8	67.6	6.95	1,774.7	1.01	3.64	125.3
G405	7/31/2024	12:51	5.66	19.4	66.9	6.90	1,898.7	0.82	6.26	100.1
G405	7/31/2024	12:54	5.66	19.4	66.9	6.88	1,942.4	0.75	11.46	86.8
G405	7/31/2024	12:57	5.66	19.3	66.7	6.87	1,960.6	0.73	18.80	79.5

Site Samping Event: COF-24Q3
LIMS Workorder: 24071451
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Quality Parameters
Coffeen- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G406	8/1/2024	9:48	10.81	19.0	66.2	6.60	1,386.5	2.04	1.86	249.8
G406	8/1/2024	9:51	10.81	18.7	65.7	6.58	1,390.1	1.29	2.00	247.7
G406	8/1/2024	9:54	10.81	18.5	65.3	6.58	1,387.0	1.03	2.08	244.9
G406	8/1/2024	9:57	10.81	18.3	65.0	6.58	1,387.9	0.92	2.33	242.2
G406	8/1/2024	10:00	10.81	18.2	64.7	6.59	1,386.8	0.87	2.33	240.2

Site Samping Event: COF-24Q3
LIMS Workorder: 24071451
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Quality Parameters
Coffeen- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G407	8/1/2024	10:36	5.35	17.5	63.5	6.47	3,281.3	1.64	27.27	280.1
G407	8/1/2024	10:39	5.35	17.4	63.3	6.57	3,089.3	1.37	31.66	253.1
G407	8/1/2024	10:42	5.35	17.3	63.2	6.67	2,525.7	1.11	25.13	237.6
G407	8/1/2024	10:45	5.35	17.3	63.2	6.73	2,244.7	0.91	26.38	227.7
G407	8/1/2024	10:48	5.35	17.4	63.3	6.74	2,156.5	0.84	26.59	221.1
G407	8/1/2024	10:51	5.35	17.4	63.3	6.75	2,111.0	0.81	29.26	215.4

Site Samping Event: COF-24Q3
LIMS Workorder: 24071451
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Quality Parameters
Coffeen- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G410	8/2/2024	9:03	8.69	17.6	63.7	6.57	1,330.3	1.65	38.60	257.1
G410	8/2/2024	9:06	8.69	17.6	63.6	6.46	1,169.9	1.17	12.37	237.4
G410	8/2/2024	9:09	8.69	17.5	63.5	6.44	1,139.0	1.09	5.72	209.9
G410	8/2/2024	9:12	8.69	17.5	63.5	6.44	1,136.2	1.01	2.58	180.7

Site Samping Event: COF-24Q3
LIMS Workorder: 24071451
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Quality Parameters
Coffeen- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G411	8/2/2024	9:53	7.53	16.5	61.7	7.22	874.5	1.14	10.98	215.4
G411	8/2/2024	9:56	7.53	16.4	61.5	7.25	865.7	0.98	5.40	213.6
G411	8/2/2024	9:59	7.53	16.4	61.5	7.25	871.5	0.91	3.82	211.6
G411	8/2/2024	10:02	7.53	16.4	61.4	7.25	877.6	0.87	3.20	208.8

Site Samping Event: COF-24Q3
LIMS Workorder: 24071451
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Quality Parameters
Coffeen- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
L201	8/7/2024	14:15	17.00	18.1	64.6	11.60	5,169.9	7.15	1.43	-78.1

Site Samping Event: COF-24Q3
LIMS Workorder: 24071451
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Quality Parameters
Coffeen- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
L202	8/7/2024	14:20	20.00	20.7	69.3	11.58	12,132.5	2.80	111.78	-72.4

Site Samping Event: COF-24Q3
LIMS Workorder: 24071451
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Quality Parameters
Coffeen- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
L203	8/7/2024	14:24	16.30	21.0	69.9	11.57	11,004.1	6.92	3.41	-59.7

Site Samping Event: COF-24Q3
LIMS Workorder: 24071451
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Quality Parameters
Coffeen- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
NE Riser	8/7/2024	14:35	16.69	22.3	72.1	6.15	13,292.6	2.58	1.55	132.8

Site Samping Event: COF-24Q3
LIMS Workorder: 24071451
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Quality Parameters
Coffeen- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
R104	8/6/2024	10:28	8.50	19.1	66.4	7.37	808.6	2.25	4.83	204.6
R104	8/6/2024	10:31	8.50	19.4	66.9	7.37	809.3	2.25	7.90	202.7
R104	8/6/2024	10:34	8.50	19.3	66.7	7.35	806.4	2.48	13.74	201.4
R104	8/6/2024	10:37	8.50	19.3	66.7	7.32	803.7	2.37	28.01	200.5

Site Samping Event: COF-24Q3
LIMS Workorder: 24071451
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Quality Parameters
Coffeen- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
R201	8/6/2024	12:43	4.40	20.6	69.1	6.96	1,005.8	2.42	3.39	-83.3
R201	8/6/2024	12:46	4.40	19.7	67.5	6.94	1,002.4	2.17	3.57	-83.8
R201	8/6/2024	12:49	4.40	19.4	67.0	6.94	1,004.4	2.01	3.66	-87.2
R201	8/6/2024	12:52	4.40	19.1	66.4	6.96	1,023.5	1.88	2.57	-97.9
R201	8/6/2024	12:55	4.40	18.9	65.9	6.99	1,118.7	1.71	2.64	-106.4
R201	8/6/2024	12:58	4.40	18.7	65.7	6.99	1,120.8	1.59	3.91	-106.0
R201	8/6/2024	13:01	4.40	18.6	65.5	7.00	1,123.6	1.49	5.31	-105.6
R201	8/6/2024	13:04	4.40	18.5	65.3	7.00	1,120.5	1.41	7.06	-105.4

Site Samping Event: COF-24Q3
LIMS Workorder: 24071451
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Quality Parameters
Coffeen- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
R205	8/6/2024	12:54	8.23	17.7	63.9	6.67	1,065.3	0.28	168.11	50.2
R205	8/6/2024	12:57	8.23	17.7	63.9	6.67	1,063.6	0.26	203.93	48.0
R205	8/6/2024	13:00	8.23	17.6	63.7	6.68	1,056.2	0.25	280.77	45.8
R205	8/6/2024	13:03	8.23	17.6	63.7	6.68	1,050.0	0.24	309.99	44.2
R205	8/6/2024	13:06	8.23	17.6	63.8	6.68	1,047.0	0.24	468.00	42.6

Site Samping Event: COF-24Q3
LIMS Workorder: 24071451
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Quality Parameters
Coffeen- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
SG-02	7/30/2024	10:24	7.13	DTW Only						

Site Samping Event: COF-24Q3
LIMS Workorder: 24071451
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Quality Parameters
Coffeen- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
SG-03	7/30/2024	12:50	8.69	DTW Only						

Site Samping Event: COF-24Q3
LIMS Workorder: 24071451
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Quality Parameters
Coffeen- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
T127	8/5/2024	11:04	14.98	23.1	73.6	7.09	813.3	3.74	62.49	10.7
T127	8/5/2024	11:07	14.98	23.1	73.6	7.09	815.7	3.13	53.88	11.8
T127	8/5/2024	11:10	14.98	23.2	73.8	7.09	818.1	3.01	24.33	13.5
T127	8/5/2024	11:13	14.98	23.0	73.5	7.10	823.2	2.63	17.74	15.1
T127	8/5/2024	11:16	14.98	23.0	73.4	7.10	808.7	2.47	16.87	16.3
T127	8/5/2024	11:19	14.98	22.8	73.0	7.10	817.5	2.15	12.54	17.3
T127	8/5/2024	11:22	14.98	22.9	73.2	7.10	820.6	1.97	10.17	17.8
T127	8/5/2024	11:25	14.98	22.6	72.6	7.11	819.5	1.84	8.79	17.9
T127	8/5/2024	11:28	14.98	22.9	73.1	7.10	818.1	1.69	6.94	18.1

Site Samping Event: COF-24Q3
LIMS Workorder: 24071451
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Quality Parameters
Coffeen- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
T128	8/5/2024	11:37	14.69	17.9	64.3	7.15	783.4	1.72	4.55	-48.6
T128	8/5/2024	11:40	14.69	17.4	63.3	7.13	776.9	1.12	3.99	-87.3
T128	8/5/2024	11:43	14.69	17.4	63.4	7.12	771.8	0.94	3.94	-100.2
T128	8/5/2024	11:46	14.69	18.6	65.5	7.12	775.5	0.89	3.49	-106.7
T128	8/5/2024	11:49	14.69	20.1	68.1	7.12	779.1	0.86	3.25	-112.2

Site Samping Event: COF-24Q3
LIMS Workorder: 24071451
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Quality Parameters
Coffeen- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
X201	8/7/2024	14:45	21.28	27.6	81.7	5.67	16,063.0	8.24	1.68	180.9

Site Samping Event: COF-24Q3
LIMS Workorder: 24071451
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Quality Parameters
Coffeen- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
XSG-01	7/30/2024	11:58	6.33	DTW Only						

Site Samping Event: COF-24Q3
LIMS Workorder: 24071451
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Quality Parameters
Coffeen- 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	8/7/2024	14:49	-	QA/QC Sample						

Site Samping Event: COF-24Q3
LIMS Workorder: 24071451
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Quality Parameters
Coffeen- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G102 Duplicate	8/6/2024	9:04	5.93	17.8	64.0	7.29	591.4	2.19	14.32	201.2
G102 Duplicate	8/6/2024	9:07	5.93	17.7	63.9	7.25	560.1	2.06	15.16	202.4
G102 Duplicate	8/6/2024	9:10	5.93	17.8	64.0	7.23	542.6	2.03	21.74	201.9
G102 Duplicate	8/6/2024	9:13	5.93	17.7	63.8	7.22	537.1	1.99	26.31	201.2

Site Samping Event: COF-24Q3
LIMS Workorder: 24071451
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Quality Parameters
Coffeen- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G200 Duplicate	8/6/2024	12:04	4.51	20.8	69.5	7.21	883.4	1.86	1.83	-74.8
G200 Duplicate	8/6/2024	12:07	4.51	20.1	68.2	7.18	879.6	1.41	1.93	-73.8
G200 Duplicate	8/6/2024	12:10	4.51	19.5	67.2	7.17	879.0	1.19	2.40	-70.4
G200 Duplicate	8/6/2024	12:13	4.51	19.0	66.3	7.15	889.6	1.09	2.72	-67.6
G200 Duplicate	8/6/2024	12:16	4.51	19.0	66.2	7.12	899.3	1.03	5.56	-64.6

Site Samping Event: COF-24Q3
LIMS Workorder: 24071451
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Quality Parameters
Coffeen- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G217 Duplicate	8/6/2024	9:21	16.42	17.1	62.8	6.70	1,323.4	0.34	17.01	-94.9
G217 Duplicate	8/6/2024	9:24	16.42	17.1	62.7	6.71	1,325.0	0.32	52.13	-96.1
G217 Duplicate	8/6/2024	9:27	16.42	17.1	62.7	6.71	1,324.6	0.31	67.86	-95.4
G217 Duplicate	8/6/2024	9:30	16.42	17.1	62.8	6.72	1,326.2	0.30	88.00	-95.3
G217 Duplicate	8/6/2024	9:33	16.42	17.2	62.9	6.72	1,325.3	0.30	102.80	-93.2
G217 Duplicate	8/6/2024	9:36	16.42	17.2	62.9	6.72	1,325.6	0.29	111.98	-92.7
G217 Duplicate	8/6/2024	9:39	16.42	17.1	62.9	6.72	1,326.7	0.28	158.26	-92.9

Site Samping Event: COF-24Q3
LIMS Workorder: 24071451
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Quality Parameters
Coffeen- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
G301 Duplicate	8/5/2024	10:18	8.03	21.3	70.3	6.44	929.6	0.57	5.28	-37.1
G301 Duplicate	8/5/2024	10:21	8.03	21.4	70.6	6.44	924.2	0.49	5.82	-48.1
G301 Duplicate	8/5/2024	10:24	8.03	21.5	70.8	6.45	922.5	0.47	5.88	-51.5
G301 Duplicate	8/5/2024	10:27	8.03	21.5	70.7	6.46	919.2	0.43	6.15	-51.1
G301 Duplicate	8/5/2024	10:30	8.03	19.4	66.9	6.47	923.3	0.35	6.50	-47.6
G301 Duplicate	8/5/2024	10:33	8.03	18.9	66.0	6.47	913.6	0.29	6.02	-42.4
G301 Duplicate	8/5/2024	10:36	8.03	18.9	66.1	6.47	910.2	0.28	5.21	-45.0

Site Samping Event: COF-24Q3
LIMS Workorder: 24071451
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Quality Parameters
Coffeen- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
R201 Duplicate	8/6/2024	12:43	4.40	20.6	69.1	6.96	1,005.8	2.42	3.39	-83.3
R201 Duplicate	8/6/2024	12:46	4.40	19.7	67.5	6.94	1,002.4	2.17	3.57	-83.8
R201 Duplicate	8/6/2024	12:49	4.40	19.4	67.0	6.94	1,004.4	2.01	3.66	-87.2
R201 Duplicate	8/6/2024	12:52	4.40	19.1	66.4	6.96	1,023.5	1.88	2.57	-97.9
R201 Duplicate	8/6/2024	12:55	4.40	18.9	65.9	6.99	1,118.7	1.71	2.64	-106.4
R201 Duplicate	8/6/2024	12:58	4.40	18.7	65.7	6.99	1,120.8	1.59	3.91	-106.0
R201 Duplicate	8/6/2024	13:01	4.40	18.6	65.5	7.00	1,123.6	1.49	5.31	-105.6
R201 Duplicate	8/6/2024	13:04	4.40	18.5	65.3	7.00	1,120.5	1.41	7.06	-105.4

Site Samping Event: COF-24Q3
LIMS Workorder: 24071451
Technician(s): DC, JC, TC, BG, PY

Field Calibration Log(s)
Coffeen- 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: 7/30/2024

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	wc230830B	4.00	7/30/24 8:42
7.0 Buffer	WC24307F	6.98	7/30/24 8:32
10.0 Buffer	WC240521B	10.01	7/30/24 8:46
LCS/CCV (7.0 Buffer)	wc231207a		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	98627	1418	7/30/24 8:48

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	1.8	7/30/24 8:53
124 NTU	95834		

ORP Standard	LIMS ID/Lot#	Reading	Date/Time

D.O. Saturation	LIMS ID/Lot#	Reading	Date/Time
100%	N/A		

Sample ID	Sample Type	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	ORP mV	D.O. %
LCS-1	LCS	7/30/24 8:56	19.8	7.00	1,418	1.81		
CCV-M-1	CCV	7/30/24 12:33	22.1	7.03	1,422	1.45		
CCV-1	CCV	7/30/24 16:24	23.7	7.01	1,423	1.62		

Comments:

Field Meter ID: Pine 45985 Technician(s): Brett Gillihan Date: 7/31/2024

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	WC230830B	4.00	7/31/24 8:44
7.0 Buffer	WC24307F	7.02	7/31/24 8:40
10.0 Buffer	WC240521B	9.99	7/31/24 8:48
LCS/CCV (7.0 Buffer)	wc231207a		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	98627	1410	7/31/24 8:55

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	1.4	7/31/24 8:58
124 NTU	95834		

ORP Standard	LIMS ID/Lot#	Reading	Date/Time

D.O. Saturation	LIMS ID/Lot#	Reading	Date/Time
100%	N/A		

Sample ID	Sample Type	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	ORP mV	D.O. %
LCS-2	LCS	7/31/24 9:07	22.4	7.01	1,410	1.4		
CCV-2	CCV	7/31/24 13:59	23.1	7.01	1,410	1.4		

Comments:

Site Samping Event: COF-24Q3
LIMS Workorder: 24071451
Technician(s): DC, JC, TC, BG, PY

Field Calibration Log(s)
Coffeen- 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: 8/1/2024

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	WC230820B	4.02	8/1/24 8:36
7.0 Buffer	WC24307F	6.99	8/1/24 8:31
10.0 Buffer	WC240521B	10.00	8/1/24 8:40
LCS/CCV (7.0 Buffer)	wc231207a		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	98627	1416	8/1/24 8:44

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	1.5	8/1/24 8:45
124 NTU	95834		

ORP Standard	LIMS ID/Lot#	Reading	Date/Time

D.O. Saturation	LIMS ID/Lot#	Reading	Date/Time
100%	N/A		

Sample ID	Sample Type	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	ORP mV	D.O. %
LCS-3	LCS	8/1/24 8:50	23.9	7.00	1,416	1.6		
CCV-3	CCV	8/1/24 13:47	26.5	7.01	1,416	1.5		

Comments:

Field Meter ID: Pine 45985 Technician(s): Brett Gillihan Date: 8/2/2024

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	WC230830B	4.00	8/2/24 8:38
7.0 Buffer	WC24307F	7.00	8/2/24 8:35
10.0 Buffer	WC240521B	10.01	8/2/24 8:45
LCS/CCV (7.0 Buffer)	wc231207a		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	98627	1419	8/2/24 8:48

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	1.7	8/2/24 8:52
124 NTU	95834		

ORP Standard	LIMS ID/Lot#	Reading	Date/Time

D.O. Saturation	LIMS ID/Lot#	Reading	Date/Time
100%	N/A		

Sample ID	Sample Type	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	ORP mV	D.O. %
LCS-4	LCS	8/2/24 8:55	23.8	7.01	1,419	1.8		
CCV-4	CCV	8/2/24 11:00	25.5	7.02	1,419	1.6		

Comments:

Site Samping Event: COF-24Q3
LIMS Workorder: 24071451
Technician(s): DC, JC, TC, BG, PY

Field Calibration Log(s)
Coffeen- 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: 8/5/2024

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	WC240612A	4.01	8/5/24 8:45
7.0 Buffer	WC240307F	7.02	8/5/24 8:36
10.0 Buffer	WC240625B	9.99	8/5/24 8:49
LCS/CCV (7.0 Buffer)	wc231207a		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	98627	1413	8/5/24 8:54

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	1.6	8/5/24 8:56
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	8/5/24 9:04	24.6	7.01	1,413	1.6		
CCV-5	CCV	8/5/24 14:51	28.3	7.00	1,413	1.6		

Comments:

Field Meter ID: Pine 45985 Technician(s): Brett Gillihan Date: 8/6/2024

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	wc240612A	4.02	8/6/24 8:25
7.0 Buffer	WC240307F	7.00	8/6/24 8:23
10.0 Buffer	WC240625B	9.99	8/6/24 8:31
LCS/CCV (7.0 Buffer)	wc231207a		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	98627	1418	8/6/24 8:35

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	1.6	8/6/24 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-6	LCS	8/6/24 8:48	25.6	7.00	1,418	1.6		
CCV-6	CCV	8/6/24 13:39	28.6	7.01	1,418	1.6		

Comments:

Site Samping Event: COF-24Q3
LIMS Workorder: 24071451
Technician(s): DC, JC, TC, BG, PY

Field Calibration Log(s)
Coffeen- 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: 7/30/2024

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	wc240612a	4.01	7/30/24 9:24
7.0 Buffer	wc231207a	6.99	7/30/24 9:19
10.0 Buffer	wc240625b	9.99	7/30/24 9:28
LCS/CCV (7.0 Buffer)	wc231207a		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	98627	1408	7/30/24 9:34

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	0.48	7/30/24 9:34
124 NTU	95834		

ORP Standard	LIMS ID/Lot#	Reading	Date/Time

D.O. Saturation	LIMS ID/Lot#	Reading	Date/Time
100%	N/A		

Sample ID	Sample Type	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	ORP mV	D.O. %
LCS-1	LCS	7/30/24 9:38	23.2	6.99	1,412	0.48		
CCV-1	CCV	7/30/24 14:23	26.7	7.02	1,422	0.53		

Comments:

Field Meter ID: Pine 218074 Technician(s): justin colp Date: 7/31/2024

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	wc240612a	4.00	7/31/24 8:55
7.0 Buffer	wc231207a	6.98	7/31/24 8:45
10.0 Buffer	wc240625b	10.02	7/31/24 9:01
LCS/CCV (7.0 Buffer)	wc231207a		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	98627	1412	7/31/24 9:06

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	0.42	7/31/24 9:07
124 NTU	95834		

ORP Standard	LIMS ID/Lot#	Reading	Date/Time

D.O. Saturation	LIMS ID/Lot#	Reading	Date/Time
100%	N/A		

Sample ID	Sample Type	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	ORP mV	D.O. %
LCS-2	LCS	7/31/24 9:09	24.5	6.98	1,412	0.42		
CCV-2	CCV	7/31/24 14:56	26.6	7.03	1,426	0.46		

Comments:

Site Samping Event: COF-24Q3
LIMS Workorder: 24071451
Technician(s): DC, JC, TC, BG, PY

Field Calibration Log(s)
Coffeen- 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: 8/1/2024

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	wc240612a	4.00	8/1/24 8:45
7.0 Buffer	wc231207a	7.00	8/1/24 8:40
10.0 Buffer	wc240625b	9.98	8/1/24 8:49
LCS/CCV (7.0 Buffer)	wc231207a		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	98627	1412	8/1/24 8:54

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	0.41	8/1/24 8:54
124 NTU	95834		

ORP Standard	LIMS ID/Lot#	Reading	Date/Time

D.O. Saturation	LIMS ID/Lot#	Reading	Date/Time
100%	N/A		

Sample ID	Sample Type	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	ORP mV	D.O. %
LCS-3	LCS	8/1/24 9:03	24.2	7.01	1,412	0.68		
CCV-3	CCV	8/1/24 14:34	26.7	7.04	1,423	1.11		

Comments:

Field Meter ID: Pine 218074 Technician(s): justin colp Date: 8/2/2024

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	wc240612a	4.00	8/2/24 8:38
7.0 Buffer	wc231207a	6.99	8/2/24 8:30
10.0 Buffer	wc240625b	10.00	8/2/24 8:41
LCS/CCV (7.0 Buffer)	wc231207a		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	98627	1410	8/2/24 8:46

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	0.46	8/2/24 8:46
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	8/2/24 8:48	24.3	6.99	1,410	0.46		
CCV-4	CCV	8/2/24 13:48	26.8	7.02	1,419	0.52		

Comments:

Site Samping Event: COF-24Q3
LIMS Workorder: 24071451
Technician(s): DC, JC, TC, BG, PY

Field Calibration Log(s)
Coffeen- 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: 8/5/2024

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	wc240612a	4.01	8/5/24 9:01
7.0 Buffer	wc231207a	6.98	8/5/24 8:57
10.0 Buffer	wc240625b	9.99	8/5/24 9:06
LCS/CCV (7.0 Buffer)	wc231207a		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	98627	1409	8/5/24 9:10

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	0.44	8/5/24 9:10
124 NTU	95834		

ORP Standard	LIMS ID/Lot#	Reading	Date/Time

D.O. Saturation	LIMS ID/Lot#	Reading	Date/Time
100%	N/A		

Sample ID	Sample Type	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	ORP mV	D.O. %
LCS-5	LCS	8/5/24 9:13	23.7	6.99	1,409	0.44		
CCV-5	CCV	8/5/24 15:01	28.7	7.03	1,417	0.53		

Comments:

Field Meter ID: Pine 218074 Technician(s): justin colp Date: 8/6/2024

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	wc240612a	3.99	8/6/24 8:45
7.0 Buffer	wc231207a	7.00	8/6/24 8:41
10.0 Buffer	wc240625b	10.00	8/6/24 8:51
LCS/CCV (7.0 Buffer)	wc231207a		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	98627	1412	8/6/24 8:57

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	0.46	8/6/24 8:57
124 NTU	95834		

ORP Standard	LIMS ID/Lot#	Reading	Date/Time

D.O. Saturation	LIMS ID/Lot#	Reading	Date/Time
100%	N/A		

Sample ID	Sample Type	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	ORP mV	D.O. %
LCS-6	LCS	8/6/24 9:01	24.2	7.01	1,412	0.46		
CCV-6	CCV	8/6/24 15:13	28.2	7.00	1,419	0.58		

Comments:

Site Samping Event: COF-24Q3
LIMS Workorder: 24071451
Technician(s): DC, JC, TC, BG, PY

Field Calibration Log(s)
Coffeen- 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 223344 Technician(s): Tracy Carroll Date: 7/31/2024

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	WC240612A	4.01	7/31/24 9:26
7.0 Buffer	WC240307F	7.00	7/31/24 9:28
10.0 Buffer	WC240625B	9.99	7/31/24 9:29
LCS/CCV (7.0 Buffer)	WC231207A		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	98627	1412	7/31/24 9:23

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1		
124 NTU	95834		

ORP Standard	LIMS ID/Lot#	Reading	Date/Time

D.O. Saturation	LIMS ID/Lot#	Reading	Date/Time
100%	N/A		

Sample ID	Sample Type	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	ORP mV	D.O. %
LCS-1	LCS	7/31/24 9:31	26.1	7.03	1,413	1.43		
CCV-1	CCV	7/31/24 14:46	24.1	7.01	1,472	1.92		

Comments:

Field Meter ID: Pine 223344 Technician(s): Tracy Carroll Date: 8/1/2024

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	WC240612A	4.01	8/1/24 8:51
7.0 Buffer	WC240307F	7.00	8/1/24 8:50
10.0 Buffer	WC240625B	10.00	8/1/24 8:52
LCS/CCV (7.0 Buffer)	WC231207A		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	98627	1412	8/1/24 8:52

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1		
124 NTU	95834		

ORP Standard	LIMS ID/Lot#	Reading	Date/Time

D.O. Saturation	LIMS ID/Lot#	Reading	Date/Time
100%	N/A		

Sample ID	Sample Type	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	ORP mV	D.O. %
LCS-2	LCS	8/1/24 8:55	24.3	7.06	1,411	1.83		
CCV-M-2	CCV	8/1/24 11:33	24.8	7.03	1,432	1.88		
CCV-2	CCV	8/1/24 13:59	25.1	7.01	1,486	1.67		

Comments:

Site Samping Event: COF-24Q3
LIMS Workorder: 24071451
Technician(s): DC, JC, TC, BG, PY

Field Calibration Log(s)
Coffeen- 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 223344 Technician(s): Tracy Carroll Date: 8/5/2024

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	WC240612A	4.01	8/5/24 9:42
7.0 Buffer	WC240307F	6.99	8/5/24 9:45
10.0 Buffer	WC240625B	9.96	8/5/24 9:47
LCS/CCV (7.0 Buffer)	WC231207A		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	98627	1412	8/5/24 9:51

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1		
124 NTU	95834		

ORP Standard	LIMS ID/Lot#	Reading	Date/Time

D.O. Saturation	LIMS ID/Lot#	Reading	Date/Time
100%	N/A		

Sample ID	Sample Type	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	ORP mV	D.O. %
LCS-3	LCS	8/5/24 10:01	27.9	7.05	1,412	1.89		
CCV-3	CCV	8/5/24 15:34	28.2	7.03	1,409	0.95		

Comments:

Field Meter ID: Pine 223344 Technician(s): TracyCarroll Date: 8/6/2024

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	WC240612A	4.01	8/6/24 8:28
7.0 Buffer	WC240307F	7.00	8/6/24 8:27
10.0 Buffer	WC240625B	9.97	8/6/24 8:33
LCS/CCV (7.0 Buffer)	WC231207A		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	98627	1412	8/6/24 8:36

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1		
124 NTU	95834		

ORP Standard	LIMS ID/Lot#	Reading	Date/Time

D.O. Saturation	LIMS ID/Lot#	Reading	Date/Time
100%	N/A		

Sample ID	Sample Type	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	ORP mV	D.O. %
LCS-4	LCS	8/6/24 8:51	26.9	7.03	1,401	0.99		
CCV-4	CCV	8/6/24 13:51	28	7.06	1,370	1.23		

Comments:

Site Samping Event: COF-24Q3
LIMS Workorder: 24071451
Technician(s): DC, JC, TC, BG, PY

Field Calibration Log(s)
Coffeen- 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 223344 Technician(s): Tracy Carroll Date: 8/7/2024

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	WC240612A	3.99	8/7/24 8:43
7.0 Buffer	WC240307F	7.00	8/7/24 8:45
10.0 Buffer	WC240625B	9.99	8/7/24 8:45
LCS/CCV (7.0 Buffer)	WC231207A		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	98627	1412	8/7/24 8:48

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	8/7/24 8:48	23.4	6.99	1,410	1.43		
CCV-M-5	CCV	8/7/24 12:03	23.8	7.03	1,426	1.23		
CCV-5	CCV	8/7/24 15:37	24.1	7.06	1,447	1.56		

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 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

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Pine Environmental Services, Inc.

Instrument ID 223344
Description YSI Pro DSS Sonde
Calibrated 7/25/2024 3:04:32PM

Manufacturer YSI
Model Number Pro DSS
Serial Number/ Lot Number 24B105081
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	7.05	7.02	0.29%	Pass
4.00 / 4.00	PH	4.00	PH	3.96	4.00	0.00%	Pass
10.00 / 10.00	PH	10.00	PH	10.11	10.05	0.50%	Pass

Group # 2
Group Name Turbidity (NTU)
Stated Accy Pct of Reading
Range Acc % 0.0000
Reading Acc % 3.0000
Plus/Minus 0.00

Nom In Val / In Val	In Type	Out Val	Out Type	Fnd As	Lft As	Dev%	Pass/Fail
0.00 / 0.00	NTU	0.00	NTU	-4.44	0.00	0.00%	Pass
124.00 / 124.00	NTU	124.00	NTU	114.08	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	1.465	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	227.30	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

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St. Louis, MO 63146
Office: 314.344.1079

Pine Environmental Services, Inc.

Instrument ID 223344
Description YSI Pro DSS Sonde
Calibrated 7/25/2024 3:04:32PM

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	%	95.30	100.30	0.30%	Pass

Test Instruments Used During the Calibration **(As Of Cal Entry Date)**

Test Standard ID	Description	Manufacturer	Model Number	Serial Number / Lot Number	Last Cal Date/ Opened Date	Next Cal Date / Expiration Date
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 800 NTU L#24010026	STL 800 NTU L#24010026	GFS	8523	24010026		3/20/2025
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

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

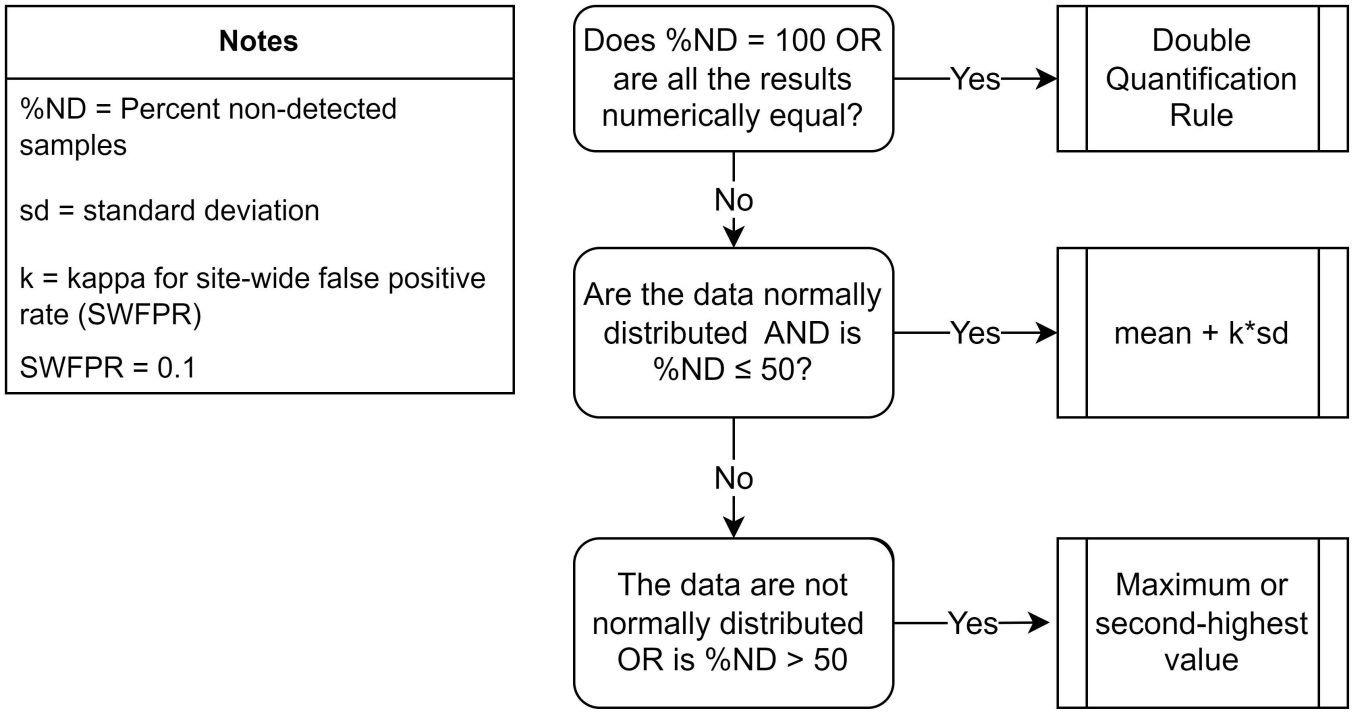
Notes about this calibration

Calibration Result Calibration Successful
Who Calibrated Chris Harkins

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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.

APPENDIX C
ALTERNATIVE SOURCE DEMONSTRATIONS

Intended for
Illinois Power Generating Company

Date
May 19, 2024

Project No.
1940106781-003

40 C.F.R. § 257.94(E)(2): ALTERNATIVE SOURCE DEMONSTRATION

COFFEEN POWER PLANT LANDFILL
COFFEEN, ILLINOIS

RAMBOLL Bright ideas. Sustainable change.

CERTIFICATIONS

I, Anne Frances Ackerman, a qualified professional engineer in good standing in the State of Illinois, certify that the information in this report is accurate as of the date of my signature below. The content of this report is not to be used other than for its intended purpose and meaning, or for extrapolations beyond the interpretations contained herein.



Anne Frances Ackerman
Qualified Professional Engineer
062-060586
Illinois
Ramboll Americas Engineering Solutions, Inc.
Date: May 19, 2024

I, Brian G. Hennings, a professional geologist in good standing in the State of Illinois, certify that the information in this report is accurate as of the date of my signature below. The content of this report is not to be used other than for its intended purpose and meaning, or for extrapolations beyond the interpretations contained herein.



Brian G. Hennings
Professional Geologist
196.001482
Illinois
Ramboll Americas Engineering Solutions, Inc.
Date: May 19, 2024

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TABLES (IN TEXT)

Table A	Summary Statistics for Boron and Sulfate Concentrations in Compliance Well with D13 SSI and Leachate (December 2015 to December 2023)

FIGURES (IN TEXT)

Figure A	Piper Diagram

FIGURES (ATTACHED)

Figure 1	Potentiometric Surface Map – August 8, 2023
Figure 2	Sample Location Map

APPENDICES

Appendix A	Supporting D13 SSI Well and Leachate Analytical Data

ACRONYMS AND ABBREVIATIONS

40 C.F.R.	Title 40 of the Code of Federal Regulations
ASD	Alternative Source Demonstration
CCR	coal combustion residuals
cm/s	centimeters per second
CPP	Coffeen Power Plant
D13	Detection Monitoring Round 13
EPRI	Electric Power Research Institute
GMF	Gypsum Management Facility
HDPE	high-density polyethylene
IEPA	Illinois Environmental Protection Agency
LOE(s)	line(s) of evidence
mg/L	milligrams per liter
NAVD88	North American Vertical Datum of 1988
No.	number
NRT/OBG	Natural Resource Technology, an OBG Company
Ramboll	Ramboll Americas Engineering Solutions, Inc.
SSI	Statistically Significant Increase
UPL	Upper Prediction Limit
USEPA	United States Environmental Protection Agency

1. INTRODUCTION

Title 40 of the Code of Federal Regulations (40 C.F.R.) § 257.94(e)(2) allows the owner or operator of a coal combustion residuals (CCR) unit 90 days from the date of determination of a Statistically Significant Increase (SSI) over background for groundwater constituents listed in Appendix III of 40 C.F.R. § 257 to complete a written demonstration that a source other than the CCR unit being monitored caused the SSI(s) and that the CCR unit did not contribute to the contamination, or that the SSI(s) resulted from error in sampling, analysis, statistical evaluation, or natural variation in groundwater quality (Alternative Source Demonstration [ASD]).

This ASD has been prepared on behalf of Illinois Power Generating Company, by Ramboll Americas Engineering Solutions, Inc. (Ramboll), to provide pertinent information pursuant to 40 C.F.R. § 257.94(e)(2) for the Coffeen Power Plant (CPP) landfill, located near Coffeen, Illinois.

The most recent sampling event, Detection Monitoring Round 13 (D13), samples were collected on August 8 and 9, 2023[1], and analytical data were received on November 21, 2023. In accordance with 40 C.F.R. § 257.93(h)(2), statistical analysis of the data to identify SSIs of 40 C.F.R. § 257 Subpart D Appendix III parameters over background concentrations was completed by February 19, 2024, within 90 days of receipt of the analytical data. The statistical determination identified the following SSI at a compliance monitoring well:

- Chloride at well G120

Pursuant to 40 C.F.R. § 257.94(e)(2), the lines of evidence (LOEs) presented in **Section 3** demonstrate that the landfill was not the cause of the chloride SSI listed above. This ASD was completed by May 19, 2024, within 90 days of determination of the SSIs (February 19, 2024), as required by 40 C.F.R. § 257.94(e)(2). This ASD has been completed in conformance with the Electric Power Research Institute (EPRI) guidance for development of ASDs at CCR sites (EPRI, 2017), and the United States Environmental Protection Agency (USEPA)'s Solid Waste Disposal Facility Criteria: Technical Manual (USEPA, 1993).

[1] Resamples of background monitoring wells G102, G200, and R201 were collected on November 14 and 15, 2023.

2. BACKGROUND

2.1 Site Location and Description

The CPP is located in Montgomery County, in central Illinois, approximately 2 miles south of the city of Coffeen. The CPP is located between the two lobes of Coffeen Lake to the west, east, and south, and is bordered by agricultural land to the north. Several underground coal mines were historically operated both beneath and near the CPP. The CPP operated as a coal-fired power plant from 1964 to November 2019. The Landfill is permitted by the Illinois Environmental Protection Agency (IEPA) Bureau of Land with a footprint that covers approximately 22.5 acres. It was constructed in 2010 and fly ash has been managed in the landfill since 2011. The landfill is one of five CCR units at the CPP and is the subject of this ASD. The other four CCR units include the Gypsum Management Facility (GMF) Gypsum Stack Pond, GMF Recycle Pond, Ash Pond Number (No.) 1, and Ash Pond No. 2.

2.2 Geology and Hydrogeology

The CPP geologic and hydrogeologic setting summarized below is obtained from published sources, hydrogeologic investigation data, and boring data collected during site investigations conducted from 2009 to 2021 (Natural Resource Technology, an OBG Company [NRT/OBG], 2017; Ramboll, 2021).

Pleistocene deposits of unlithified glacial diamictons, lacustrine/alluvial deposits, and windblown loess overlie Pennsylvanian-age bedrock throughout central Illinois. The most extensive glacial deposits are those from the Illinoian Stage which cover much of the state and are present at the CPP. Windblown (aeolian) deposits, the Peoria and Roxana Silts, cover the glacial deposits over a majority of the state. These units are fine-grained deposits blown from river valleys by prevailing winds.

Till members of the Glasford Formation include (oldest to youngest): the Smithboro Member, the Mulberry Grove Member, the Vandalia Member, and the Hagarstown Member. The Smithboro Member is described as a gray, compact, silty till. The Smithboro is bounded below by the Yarmouth Soil. The Mulberry Grove Member is intermittent at the CPP and is described as a calcareous gray silt and fine sand containing some fossil mollusks. The Vandalia Member is a sandy till with thin lenticular bodies of silt, sand, and gravel. It is calcareous, except where weathered, generally gray, and moderately compact. The Hagarstown Member is bounded at the top by the Sangamon Soil. The Hagarstown Member consists of gravelly till, poorly sorted gravel, well-sorted gravel, and sand.

The Quaternary deposits in the Coffeen area consist mainly of diamictons and intercalated outwash deposits that were deposited during Illinoian and Pre-Illinoian glaciations. Six hydrostratigraphic units have been identified at the CPP based on stratigraphic relationships and common hydrogeologic characteristics, and are summarized as follows (beginning at the ground surface):

- CCR: The landfill is composed of CCR, consisting primarily of fly ash. This also includes earthen fill deposits of predominantly silt and clay materials from on-site excavations that were used to construct berms and roads surrounding the various impoundments across the CPP.

- Upper Confining Unit: This unit consists of the Loess Unit and the upper clayey portion of the Hagarstown Member, which has generally low vertical permeability (1×10^{-7} centimeters per second [cm/s] or less) and generally greater than 60 percent fines. This unit was encountered across most of the CPP, with the exception of the areas near the Unnamed Tributary where the unit was eroded following deposition or locations where it has been excavated for construction.
- Uppermost Aquifer: This unit consists primarily of sand and sandy silts and clays at the base of the Hagarstown Member and, in some locations, the uppermost weathered sandy clay portion of the Vandalia Member. This unit is absent in several locations due to weathering and in others due to excavation during construction of the landfill, GMF Gypsum Stack Pond, and GMF Recycle Pond. The hydraulic characteristics of the Hagarstown Member indicate the unit has a moderate horizontal hydraulic conductivity (2.9×10^{-4} cm/s to 1.4×10^{-3} cm/s).
- Lower Confining Unit: This thick (generally greater than 15 feet) unit is composed of the sandy clay till of the Vandalia Member, the silt of the Mulberry Grove Formation (discontinuous), and the compacted clay till of the Smithboro Member. The lower confining unit underlies the Uppermost Aquifer and was encountered in all boring locations on the CPP. Results from laboratory tests completed for vertical hydraulic conductivity indicate the Vandalia Member has a very low vertical hydraulic conductivity (3×10^{-8} cm/s).
- Deep Aquifer: This unit consists primarily of sandy silt and sands of the Yarmouth Soil, which are thin (less than 5 feet) and discontinuous beneath the CPP.
- Deep Confining Unit: This unit underlies the deep aquifer and is composed of the Banner Formation, of which the thick Lierle Clay is the first encountered unit. No boring penetrated the full thickness of this formation.
- Bedrock Unit: Pennsylvanian-age Bond Formation characterized by limestone and calcareous clays and shales.

Coffeen Lake was built by damming the McDavid Branch of the East Fork of Shoal Creek in 1963 to provide cooling water for the power plant. The CPP is located between the two lobes of the lake (identified as "Coffeen Lake" and "Unnamed Tributary" on **Figure 1**). A north/south trending groundwater divide is regularly observed beneath the landfill and the adjacent GMF Gypsum Stack Pond, with groundwater flow to the southeast or southwest, downgradient of the divide, converging on the tributary valleys leading to Coffeen Lake on the east and west sides of the property.

Groundwater elevations[2] were obtained from measurements in monitoring wells on August 8, 2023, prior to the D13 sampling event. Water levels in the landfill area ranged from approximately 614 to 622 feet (**Figure 1**). The groundwater elevations and flow direction for the CPP during the D13 sampling event are shown in **Figure 1**, and generally follow the flow patterns established by the groundwater divide beneath the CCR units, with groundwater flowing from east to west/southwest beneath the landfill. Groundwater elevation contours were excluded from within the unit boundaries of the GMF Recycle Pond and landfill and are dashed within the southern third of the GMF Gypsum Stack Pond footprint because the base elevations of the landfill, the GMF Gypsum Stack Pond, and the GMF Recycle Pond (lined units) generally extend below the base elevations of the Uppermost Aquifer, as observed in soil borings surrounding the

[2] All elevations in this report are referenced to North American Vertical Datum of 1988 (NAVD88) unless otherwise noted.

units, with some limited exceptions beneath the landfill, the GMF Recycle Pond, and approximately the southern third of the GMF Gypsum Stack Pond footprint.

2.3 Groundwater Monitoring

Figure 1 shows all monitoring wells present at the site, including those in the groundwater monitoring systems established in accordance with 40 C.F.R. § 257.91 at Ash Pond No. 1, Ash Pond No. 2, the GMF Gypsum Stack Pond, the GMF Recycle Pond, and the landfill, as well as monitoring wells not used for federal CCR groundwater monitoring. **Figure 2** shows the monitoring system for the landfill including background wells G102, R201, and G200, located north of the landfill, and compliance wells G106, G110, G120, G125, and T127. Leachate wells are also illustrated on **Figure 2**. No leachate samples were collected during D13 due to the leachate locations being dry. However, one leachate sample was collected at L201, at the southeast corner of the landfill, on June 7, 2023, and one leachate sample was collected at L202, at the east side of the landfill, on November 13, 2023.

3. ALTERNATIVE SOURCE DEMONSTRATION: LINES OF EVIDENCE

As allowed by 40 C.F.R. § 257.94(e)(2), this ASD demonstrates that the chloride SSI did not originate from the landfill and resulted from natural variation in groundwater quality. LOEs supporting this ASD include the following:

1. Landfill liner design exceeds design criteria for new CCR landfills established by 40 C.F.R. § 257.70.
2. The major ion composition of landfill groundwater is similar to background and distinct from landfill leachate.
3. Boron and sulfate concentrations in compliance groundwater monitoring wells do not exceed background limits.

These LOEs are described and supported in greater detail below.

3.1 LOE #1: Landfill Liner Design Exceeds Design Criteria for New CCR Landfills Established By 40 C.F.R. § 257.70.

The landfill was constructed in 2010. The landfill liner system includes the following components:

- 60-mil high-density polyethylene (HDPE) geomembrane liner
- A three-foot-thick layer of recompacted, low-permeability soil having a maximum hydraulic conductivity of 1×10^{-7} cm/s

The IEPA-approved landfill liner system exceeds the design criteria for a composite liner for new CCR landfills established by 40 C.F.R. § 257.70. The composite liner design criteria were established to help prevent contaminants in CCR from leaking from the CCR unit and impacting groundwater. The liner creates a barrier to groundwater flow through the CCR managed in the landfill, suggesting that the landfill is not the source of the SSIs.

3.2 LOE #2: The Major Ion Composition of Landfill Groundwater is Similar to Background and Distinct from Landfill Leachate.

Piper diagrams graphically represent ionic compositions of aqueous solutions. A Piper diagram displays the position of water samples relative to their major cation and anion content on the two lower triangular portions of the diagram, providing the information which, when combined on the central diamond-shaped portion of the diagram, identifies the compositional categories or groupings (hydrochemical facies).

Groundwater samples collected from landfill monitoring wells on August 8 and 9, 2023, and November 14 and 15, 2023, and landfill leachate samples collected from leachate wells on June 7, 2023 (L201) and November 13, 2023 (L202), were analyzed for ionic composition (major ions). **Figure A** on the following page is a Piper diagram that displays the ionic compositions of background groundwater, downgradient groundwater, and landfill leachate.

It is evident from the Piper diagram that the background groundwater (brown symbols) and compliance downgradient groundwater (blue symbols) samples are in the calcium-bicarbonate facies and that the landfill leachate (green symbol) is in the sodium-sulfate facies. The differences in ionic composition between the groundwater and landfill leachate indicate that the landfill is not the source of SSIs identified in groundwater.

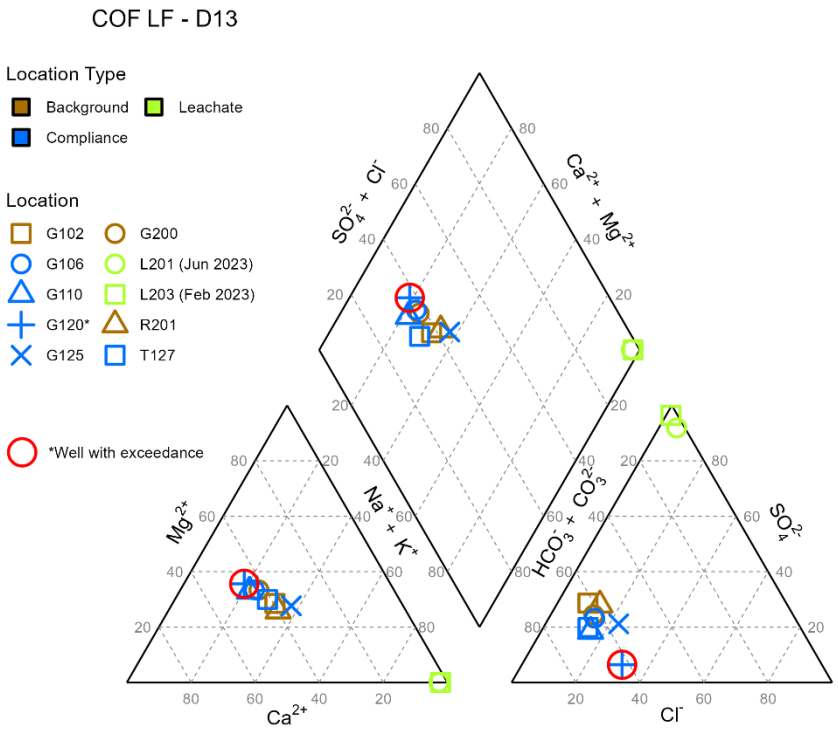


Figure A. Piper Diagram. The Piper diagram above shows the ionic composition of samples of background and compliance groundwater and landfill leachate.

3.3 LOE #3: Boron and Sulfate Concentrations in Compliance Groundwater Monitoring Wells Do Not Exceed Background Limits.

Boron and sulfate can be indicators of CCR impacts to groundwater due to their leachability from CCR and mobility in groundwater. If the groundwater downgradient of the landfill had been impacted by CCR from the unit, boron and sulfate concentrations would be expected to be elevated above background Upper Prediction Limits (UPLs) in the compliance wells. The UPL is an upper bound on background concentrations calculated for comparing downgradient measurements to background. Leachate samples collected from 2020 to 2023 from the landfill have elevated boron and sulfate concentrations, indicating that boron and sulfate are site-specific indicators for CCR (**Appendix A**). Monitoring well G120 (the well with the chloride SSI) had concentrations of boron and sulfate below their respective UPLs (0.39 milligrams per liter [mg/L] and 351 mg/L, respectively) as summarized in **Table A** on the following page. Concentrations of boron and sulfate below the UPLs indicate that G120 has not been affected by CCR. Therefore, the landfill is not the source of the SSIs.

Table A. Summary Statistics for Boron and Sulfate Concentrations in Compliance Well with D13 SSI and Leachate (November 2015 to November 2023).

Location	Boron (UPL=0.34 mg/L)		Sulfate (UPL=303 mg/L)	
	Minimum	*Maximum*	*Minimum*	*Maximum*
G120	<0.007	0.028	28	47
L201	9.1	9.1	6,500	6,500
L202	8.7	12.8	6,300	8,210
L203	9.9	13	7,700	8,900

Notes:
mg/L = milligrams per liter
Analytical data for leachate locations begins in May 2020.

4. CONCLUSIONS

Based on the three LOEs below, it has been demonstrated that the landfill is not the source of, and has not contributed to, the SSI of chloride in G120.

1. Landfill liner design exceeds design criteria for new CCR landfills established by 40 C.F.R. § 257.70.
2. The major ion composition of landfill groundwater is similar to background and distinct from landfill leachate.
3. Boron and sulfate concentrations in compliance groundwater monitoring wells do not exceed background limits.

This information serves as the written ASD prepared in accordance with 40 C.F.R. § 257.94(e)(2) that the SSI observed during the detection monitoring program D13 sampling event were not due to the CCR unit. Therefore, an Assessment Monitoring Program is not required, and the landfill will remain in Detection Monitoring.

5. REFERENCES

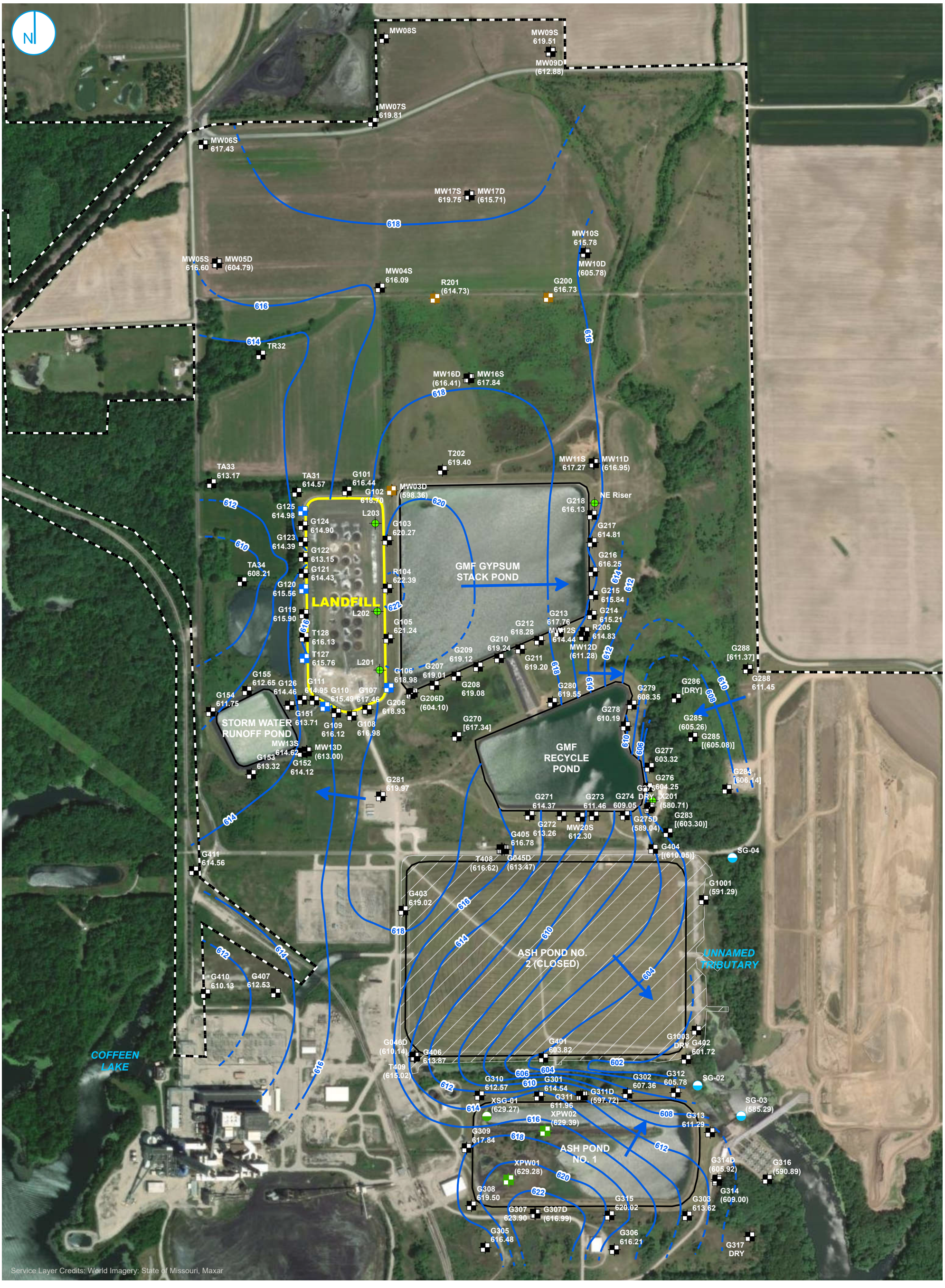
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FIGURES



- COMPLIANCE MONITORING WELL
- BACKGROUND WELL
- MONITORING WELL
- STAFF GAGE, CCR UNIT
- STAFF GAGE, RIVER
- LEACHATE WELL
- PORE WATER WELL

- GROUNDWATER ELEVATION CONTOUR (2-FT CONTOUR INTERVAL, NAVD88)
- INFERRED GROUNDWATER ELEVATION CONTOUR
- GROUNDWATER FLOW DIRECTION
- REGULATED UNIT (SUBJECT UNIT)
- SITE FEATURE
- LIMITS OF FINAL COVER
- PROPERTY BOUNDARY

0 325 650 Feet

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)

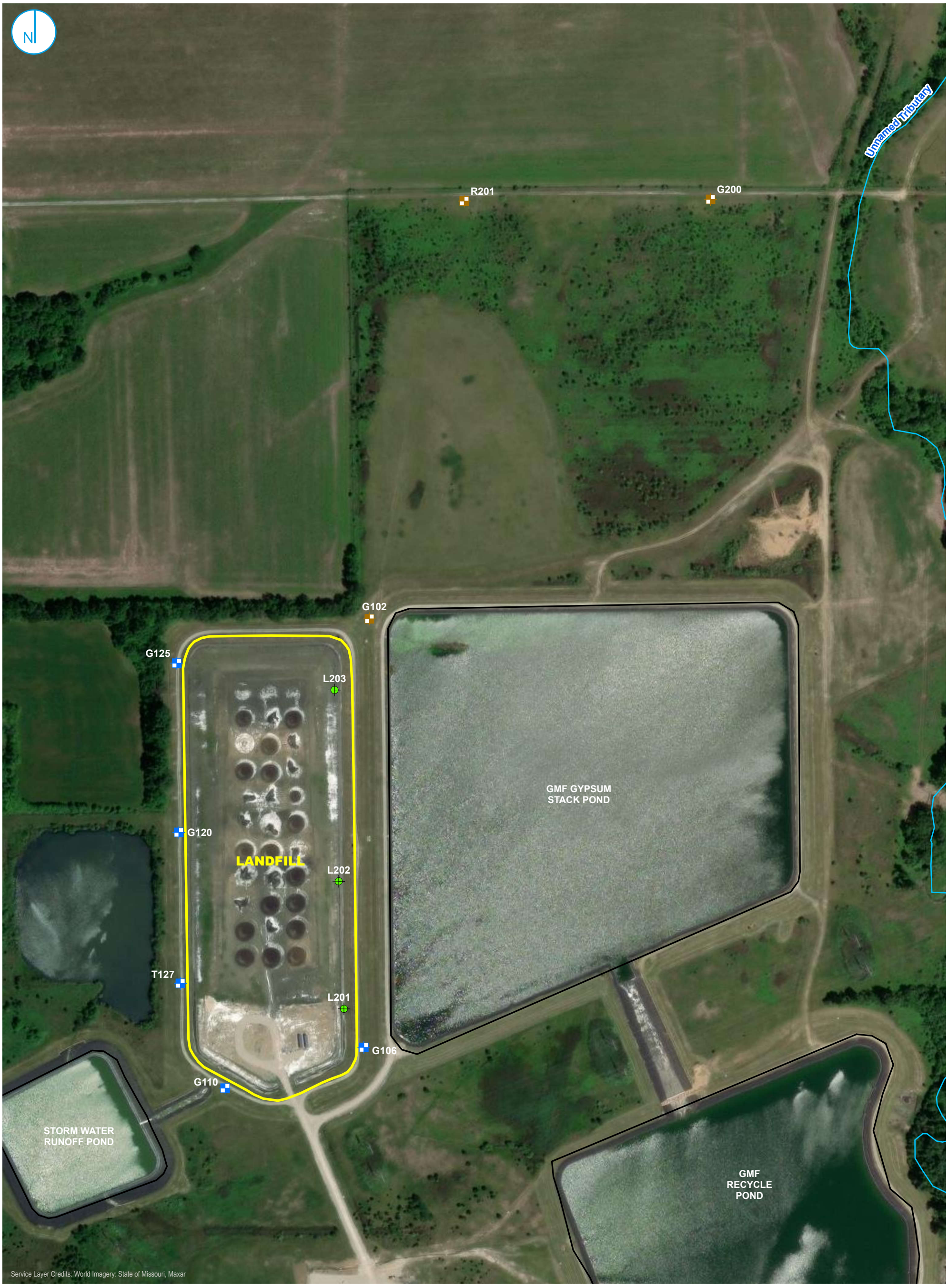
POTENTIOMETRIC SURFACE MAP AUGUST 8, 2023

40 C.F.R. § 257.94(e)(2): ALTERNATIVE SOURCE DEMONSTRATION

COFFEEN POWER PLANT
COFFEEN, ILLINOIS

FIGURE 1

RAMBOLL AMERICAS ENGINEERING SOLUTIONS, INC.



COMPLIANCE MONITORING WELL
BACKGROUND WELL
LEACHATE WELL
REGULATED UNIT (SUBJECT UNIT)
SITE FEATURE
SURFACE WATER FEATURE

0 150 300
Feet

SAMPLE LOCATION MAP

40 C.F.R. § 257.94(e)(2): ALTERNATIVE SOURCE DEMONSTRATION
COFFEEN POWER PLANT
COFFEEN, ILLINOIS

FIGURE 2

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.

RAMBOLL

APPENDICES

APPENDIX A
SUPPORTING D13 SSI WELL AND LEACHATE ANALYTICAL DATA

APPENDIX A.
SUPPORTING GROUNDWATER ANALYTICAL DATA
40 C.F.R. § 257: ALTERNATIVE SOURCE DEMONSTRATION
COFFEEN POWER PLANT
LANDFILL
COFFEEN, IL

Well ID	Well Type	Date	Parameter	Result	Unit
G120	Compliance	11/18/2015	Boron, total	0.01 U	mg/L
G120	Compliance	02/18/2016	Boron, total	0.01 U	mg/L
G120	Compliance	05/17/2016	Boron, total	0.01 U	mg/L
G120	Compliance	08/04/2016	Boron, total	0.01 U	mg/L
G120	Compliance	11/20/2016	Boron, total	0.01 U	mg/L
G120	Compliance	02/17/2017	Boron, total	0.01 U	mg/L
G120	Compliance	05/23/2017	Boron, total	0.01 U	mg/L
G120	Compliance	07/09/2017	Boron, total	0.0100	mg/L
G120	Compliance	10/26/2017	Boron, total	0.01 U	mg/L
G120	Compliance	05/10/2018	Boron, total	0.01 U	mg/L
G120	Compliance	10/25/2018	Boron, total	0.0280	mg/L
G120	Compliance	01/18/2019	Boron, total	0.0170	mg/L
G120	Compliance	08/13/2019	Boron, total	0.0280	mg/L
G120	Compliance	01/21/2020	Boron, total	0.0150	mg/L
G120	Compliance	08/11/2020	Boron, total	0.01 U	mg/L
G120	Compliance	01/27/2021	Boron, total	0.01 U	mg/L
G120	Compliance	08/24/2021	Boron, total	0.01 U	mg/L
G120	Compliance	02/11/2022	Boron, total	0.0280	mg/L
G120	Compliance	08/23/2022	Boron, total	0.0071 U	mg/L
G120	Compliance	02/15/2023	Boron, total	0.0073 J	mg/L
G120	Compliance	08/09/2023	Boron, total	0.0092 U	mg/L
G120	Compliance	02/18/2016	Sulfate, total	44.0	mg/L
G120	Compliance	05/17/2016	Sulfate, total	37.0	mg/L
G120	Compliance	08/04/2016	Sulfate, total	44.0	mg/L
G120	Compliance	11/20/2016	Sulfate, total	35.0	mg/L
G120	Compliance	02/17/2017	Sulfate, total	37.0	mg/L
G120	Compliance	05/23/2017	Sulfate, total	39.0	mg/L
G120	Compliance	07/09/2017	Sulfate, total	36.0	mg/L
G120	Compliance	10/26/2017	Sulfate, total	34.0	mg/L
G120	Compliance	05/10/2018	Sulfate, total	39.0	mg/L
G120	Compliance	10/25/2018	Sulfate, total	34.0	mg/L
G120	Compliance	01/18/2019	Sulfate, total	38.0	mg/L
G120	Compliance	08/13/2019	Sulfate, total	36.0	mg/L
G120	Compliance	01/21/2020	Sulfate, total	39.0	mg/L
G120	Compliance	08/11/2020	Sulfate, total	37.0	mg/L
G120	Compliance	01/27/2021	Sulfate, total	34.0	mg/L
G120	Compliance	08/24/2021	Sulfate, total	37.0	mg/L
G120	Compliance	02/11/2022	Sulfate, total	35.0	mg/L
G120	Compliance	08/23/2022	Sulfate, total	35.0	mg/L
G120	Compliance	02/15/2023	Sulfate, total	33.0	mg/L
G120	Compliance	08/09/2023	Sulfate, total	28.0 J+	mg/L
L201	Leachate	06/07/2023	Boron, total	9.10	mg/L
L201	Leachate	06/07/2023	Sulfate, total	6,500	mg/L
L202	Leachate	10/27/2020	Boron, total	8.70	mg/L
L202	Leachate	11/10/2022	Boron, total	12.0	mg/L
L202	Leachate	11/16/2023	Boron, total	12.8	mg/L

APPENDIX A.
SUPPORTING GROUNDWATER ANALYTICAL DATA
40 C.F.R. § 257: ALTERNATIVE SOURCE DEMONSTRATION
COFFEEN POWER PLANT
LANDFILL
COFFEEN, IL

Well ID	Well Type	Date	Parameter	Result	Unit
L202	Leachate	10/27/2020	Sulfate, total	6,300	mg/L
L202	Leachate	11/10/2022	Sulfate, total	7,500	mg/L
L202	Leachate	11/16/2023	Sulfate, total	8,210	mg/L
L203	Leachate	08/26/2020	Boron, total	13.0	mg/L
L203	Leachate	02/01/2021	Boron, total	9.90	mg/L
L203	Leachate	08/23/2021	Boron, total	13.0	mg/L
L203	Leachate	11/29/2021	Boron, total	13.0	mg/L
L203	Leachate	05/07/2020	Sulfate, total	7,800	mg/L
L203	Leachate	08/26/2020	Sulfate, total	7,800	mg/L
L203	Leachate	02/01/2021	Sulfate, total	7,700	mg/L
L203	Leachate	08/23/2021	Sulfate, total	8,500	mg/L
L203	Leachate	11/29/2021	Sulfate, total	8,700	mg/L
L203	Leachate	06/15/2022	Sulfate, total	8,800	mg/L
L203	Leachate	08/23/2022	Sulfate, total	8,900	mg/L
L203	Leachate	02/15/2023	Sulfate, total	8,400	mg/L

Notes:
mg/L = milligrams per liter
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.

Intended for
Illinois Power Generating Company

Date
October 6, 2024

Project No.
1940106781-003

40 C.F.R. § 257.94(E)(2): ALTERNATIVE SOURCE DEMONSTRATION

COFFEEN POWER PLANT LANDFILL
COFFEEN, ILLINOIS

RAMBOLL Bright ideas. Sustainable change.

CERTIFICATIONS

I, Anne Frances Ackerman, a qualified professional engineer in good standing in the State of Illinois, certify that the information in this report is accurate as of the date of my signature below. The content of this report is not to be used other than for its intended purpose and meaning, or for extrapolations beyond the interpretations contained herein.



Anne Frances Ackerman
Qualified Professional Engineer
062-060586
Illinois
Ramboll Americas Engineering Solutions, Inc.
Date: October 6, 2024

I, Brian G. Hennings, a professional geologist in good standing in the State of Illinois, certify that the information in this report is accurate as of the date of my signature below. The content of this report is not to be used other than for its intended purpose and meaning, or for extrapolations beyond the interpretations contained herein.



Brian G. Hennings
Professional Geologist
196.001482
Illinois
Ramboll Americas Engineering Solutions, Inc.
Date: October 6, 2024

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TABLES (IN TEXT)

Table A	Summary Statistics for Boron and Sulfate Concentrations in Compliance Wells with D14 SSI and Leachate Locations (November 2015 to February 2024)

FIGURES (IN TEXT)

Figure A	Piper Diagram
Figure B	Boron and Sulfate Concentrations in SSI Wells

FIGURES (ATTACHED)

Figure 1	Potentiometric Surface Map – February 12 and 13, 2024
Figure 2	Sample Location Map

APPENDICES

Appendix A	Supporting D14 SSI Well and Leachate Analytical Data

ACRONYMS AND ABBREVIATIONS

40 C.F.R.	Title 40 of the Code of Federal Regulations
ASD	Alternative Source Demonstration
CCR	coal combustion residuals
cm/s	centimeters per second
CPP	Coffeen Power Plant
D14	Detection Monitoring Round 14
EPRI	Electric Power Research Institute
GMF	Gypsum Management Facility
HDPE	high-density polyethylene
IEPA	Illinois Environmental Protection Agency
LOE(s)	line(s) of evidence
mg/L	milligrams per liter
No.	number
NRT/OBG	Natural Resource Technology, an OBG Company
Ramboll	Ramboll Americas Engineering Solutions, Inc.
SSI	Statistically Significant Increase
UPL	Upper Prediction Limit
USEPA	United States Environmental Protection Agency

1. INTRODUCTION

Title 40 of the Code of Federal Regulations (40 C.F.R.) § 257.94(e)(2) allows the owner or operator of a coal combustion residuals (CCR) unit 90 days from the date of determination of a Statistically Significant Increase (SSI) over background for groundwater constituents listed in Appendix III of 40 C.F.R. § 257 to complete a written demonstration that a source other than the CCR unit being monitored caused the SSI(s) and that the CCR unit did not contribute to the contamination, or that the SSI(s) resulted from error in sampling, analysis, statistical evaluation, or natural variation in groundwater quality (Alternative Source Demonstration [ASD]).

This ASD has been prepared on behalf of Illinois Power Generating Company, by Ramboll Americas Engineering Solutions, Inc. (Ramboll), to provide pertinent information pursuant to 40 C.F.R. § 257.94(e)(2) for the Coffeen Power Plant (CPP) Landfill, located near Coffeen, Illinois.

The first quarter of 2024 sampling event, Detection Monitoring Round 14 (D14), samples were collected on February 14 to 21, 2024, and analytical data were received on April 9, 2024. In accordance with 40 C.F.R. § 257.93(h)(2), statistical analysis of the data to identify SSIs of 40 C.F.R. § 257 Subpart D Appendix III parameters over background concentrations was completed by July 8, 2024, within 90 days of receipt of the analytical data. The statistical determination identified the following SSIs at compliance monitoring wells:

- Chloride at well G120
- Fluoride at well T127

Pursuant to 40 C.F.R. § 257.94(e)(2), the lines of evidence (LOEs) presented in **Section 3** demonstrate that the Landfill was not the cause of the SSIs listed above and the Landfill did not contribute to the SSIs. This ASD was completed by October 6, 2024, within 90 days of determination of the SSIs (July 8, 2024), as required by 40 C.F.R. § 257.94(e)(2). This ASD has been completed in conformance with the Electric Power Research Institute (EPRI) guidance for development of ASDs at CCR sites (EPRI, 2017), and the United States Environmental Protection Agency (USEPA)'s Solid Waste Disposal Facility Criteria: Technical Manual (USEPA, 1993).

2. BACKGROUND

2.1 Site Location and Description

The CPP is located in Montgomery County, in central Illinois, approximately 2 miles south of the city of Coffeen. The CPP is located between the two lobes of Coffeen Lake to the west, east, and south, and is bordered by agricultural land to the north. Several underground coal mines were historically operated both beneath and near the CPP. The CPP operated as a coal-fired power plant from 1964 to November 2019. The Landfill is permitted by the Illinois Environmental Protection Agency (IEPA) Bureau of Land with a footprint that covers approximately 22.5 acres. It was constructed in 2010 and fly ash has been managed in the Landfill since 2011. The Landfill is one of five CCR units at the CPP and is the subject of this ASD. The other four CCR units include the Gypsum Management Facility (GMF) Gypsum Stack Pond, GMF Recycle Pond, Ash Pond Number (No.) 1, and Ash Pond No. 2.

2.2 Geology and Hydrogeology

The CPP geologic and hydrogeologic setting summarized below is obtained from published sources, hydrogeologic investigation data, and boring data collected during site investigations conducted from 2009 to 2021 (Natural Resource Technology, an OBG Company [NRT/OBG], 2017; Ramboll, 2021).

Pleistocene deposits of unlithified glacial diamictons, lacustrine/alluvial deposits, and windblown loess overlie Pennsylvanian-age bedrock throughout central Illinois. The most extensive glacial deposits are those from the Illinoian Stage which cover much of the state and are present at the CPP. Windblown (aeolian) deposits, the Peoria and Roxana Silts, cover the glacial deposits over a majority of the state. These units are fine-grained deposits blown from river valleys by prevailing winds.

Till members of the Glasford Formation include (oldest to youngest): the Smithboro Member, the Mulberry Grove Member, the Vandalia Member, and the Hagarstown Member. The Smithboro Member is described as a gray, compact, silty till. The Smithboro is bounded below by the Yarmouth Soil. The Mulberry Grove Member is intermittent at the CPP and is described as a calcareous gray silt and fine sand containing some fossil mollusks. The Vandalia Member is a sandy till with thin lenticular bodies of silt, sand, and gravel. It is calcareous, except where weathered, generally gray, and moderately compact. The Hagarstown Member is bounded at the top by the Sangamon Soil. The Hagarstown Member consists of gravelly till, poorly sorted gravel, well-sorted gravel, and sand.

The Quaternary deposits in the Coffeen area consist mainly of diamictons and intercalated outwash deposits that were deposited during Illinoian and Pre-Illinoian glaciations. Six hydrostratigraphic units have been identified at the CPP based on stratigraphic relationships and common hydrogeologic characteristics, and are summarized as follows (beginning at the ground surface):

- CCR: The Landfill is composed of CCR, consisting primarily of fly ash. This also includes earthen fill deposits of predominantly silt and clay materials from on-site excavations that were used to construct berms and roads surrounding the various impoundments across the CPP.

- Upper Confining Unit: This unit consists of the Loess Unit and the upper clayey portion of the Hagarstown Member, which has generally low vertical permeability (1×10^{-7} centimeters per second [cm/s] or less) and generally greater than 60 percent fines. This unit was encountered across most of the CPP, with the exception of the areas near the Unnamed Tributary where the unit was eroded following deposition or locations where it has been excavated for construction.
- Uppermost Aquifer: This unit consists primarily of sand and sandy silts and clays at the base of the Hagarstown Member and, in some locations, the uppermost weathered sandy clay portion of the Vandalia Member. This unit is absent in several locations due to weathering and in others due to excavation during construction of the Landfill, GMF Gypsum Stack Pond, and GMF Recycle Pond. The hydraulic characteristics of the Hagarstown Member indicate the unit has a moderate horizontal hydraulic conductivity (2.9×10^{-4} cm/s to 1.4×10^{-3} cm/s).
- Lower Confining Unit: This thick (generally greater than 15 feet) unit is composed of the sandy clay till of the Vandalia Member, the silt of the Mulberry Grove Formation (discontinuous), and the compacted clay till of the Smithboro Member. The lower confining unit underlies the Uppermost Aquifer and was encountered in all boring locations on the CPP. Results from laboratory tests completed for vertical hydraulic conductivity indicate the Vandalia Member has a very low vertical hydraulic conductivity (3×10^{-8} cm/s).
- Deep Aquifer: This unit consists primarily of sandy silt and sands of the Yarmouth Soil, which are thin (less than 5 feet) and discontinuous beneath the CPP.
- Deep Confining Unit: This unit underlies the deep aquifer and is composed of the Banner Formation, of which the thick Lierle Clay is the first encountered unit. No boring penetrated the full thickness of this formation.
- Bedrock Unit: Pennsylvanian-age Bond Formation characterized by limestone and calcareous clays and shales.

Coffeen Lake was built by damming the McDavid Branch of the East Fork of Shoal Creek in 1963 to provide cooling water for the power plant. The CPP is located between the two lobes of the lake (identified as "Coffeen Lake" and "Unnamed Tributary" on **Figure 1**). Consequently, a north/south trending groundwater divide is regularly observed beneath the Landfill and the adjacent GMF Gypsum Stack Pond, with groundwater flow to the southeast or southwest, downgradient of the divide, converging on the tributary valleys leading to Coffeen Lake on the east and west sides of the property.

Groundwater elevations[1] were obtained from measurements in monitoring wells on February 12 and 13, 2024, prior to the D14 sampling event. Water levels in the Landfill area ranged from approximately 613 to 625 feet (**Figure 1**). The groundwater elevations and flow direction for the CPP during the D14 sampling event are shown in **Figure 1**, and generally follow the flow patterns established by the groundwater divide beneath the CCR units, with groundwater flowing from east to west/southwest beneath the Landfill. Groundwater elevation contours were excluded from within the unit boundaries of the GMF Recycle Pond and Landfill and are dashed within the southern third of the GMF Gypsum Stack Pond footprint because the base elevations of the Landfill, the GMF Gypsum Stack Pond, and the GMF Recycle Pond (lined units) generally extend below the base elevations of the Uppermost Aquifer, as observed in soil borings surrounding the

[1] All elevations in this report are referenced to North American Vertical Datum of 1988 unless otherwise noted.

units, with some limited exceptions beneath the Landfill, the GMF Recycle Pond, and approximately the southern third of the GMF Gypsum Stack Pond footprint.

2.3 Groundwater Monitoring

Figure 1 shows all monitoring wells present at the site, including those in the groundwater monitoring systems established in accordance with 40 C.F.R. § 257.91 at Ash Pond No. 1, Ash Pond No. 2, the GMF Gypsum Stack Pond, the GMF Recycle Pond, and the Landfill, as well as monitoring wells not used for federal CCR groundwater monitoring. **Figure 2** shows the monitoring system for the Landfill including background wells G102, R201, and G200, located north of the Landfill, and compliance wells G106, G110, G120, G125, and T127. Leachate wells are also illustrated on **Figure 2**. Leachate samples were collected from leachate wells L201, L202, and L203 during D14 on February 22, 2024.

3. ALTERNATIVE SOURCE DEMONSTRATION: LINES OF EVIDENCE

As allowed by 40 C.F.R. § 257.94(e)(2), this ASD demonstrates that the chloride and fluoride SSIs did not originate from the Landfill and resulted from natural variation in groundwater quality. LOEs supporting this ASD include the following:

1. Landfill liner design exceeds design criteria for new CCR landfills established by 40 C.F.R. § 257.70.
2. The major ion composition of Landfill groundwater is similar to background and distinct from Landfill leachate.
3. Boron and sulfate concentrations in compliance groundwater monitoring wells do not typically exceed background limits.

These LOEs are described and supported in greater detail below.

3.1 LOE #1: Landfill Liner Design Exceeds Design Criteria for New CCR Landfills Established By 40 C.F.R. § 257.70.

The Landfill was constructed in 2010. The Landfill liner system includes the following components:

- 60-mil high-density polyethylene (HDPE) geomembrane liner
- A three-foot-thick layer of recompacted, low-permeability soil having a maximum hydraulic conductivity of 1×10^{-7} cm/s

The IEPA-approved Landfill liner system exceeds the design criteria for a composite liner for new CCR landfills established by 40 C.F.R. § 257.70. The composite liner design criteria were established to help prevent contaminants in CCR from leaking from the CCR unit and impacting groundwater. The liner creates a barrier to groundwater flow through the CCR managed in the Landfill, suggesting that the Landfill is not the source of the SSIs.

3.2 LOE #2: The Major Ion Composition of Landfill Groundwater is Similar to Background and Distinct from Landfill Leachate.

Piper diagrams graphically represent ionic compositions of aqueous solutions. A Piper diagram displays the position of water samples relative to their major cation and anion content on the two lower triangular portions of the diagram, providing the information which, when combined on the central diamond-shaped portion of the diagram, identifies the compositional categories or groupings (hydrochemical facies).

Groundwater samples collected from Landfill monitoring wells on February 14 to 21, 2024 and Landfill leachate samples collected from leachate wells on February 22, 2024 were analyzed for ionic composition (major ions). **Figure A** on the following page is a Piper diagram that displays the ionic compositions of background groundwater, downgradient groundwater, and Landfill leachate.

It is evident from the Piper diagram that the background groundwater (brown symbols) and compliance downgradient groundwater (blue symbols) samples are in the calcium-bicarbonate facies and that the Landfill leachate (green symbol) is in the sodium-sulfate facies. The

differences in ionic composition between the groundwater and Landfill leachate indicate that the Landfill leachate has not impacted the groundwater and is not the source of SSIs identified in groundwater.

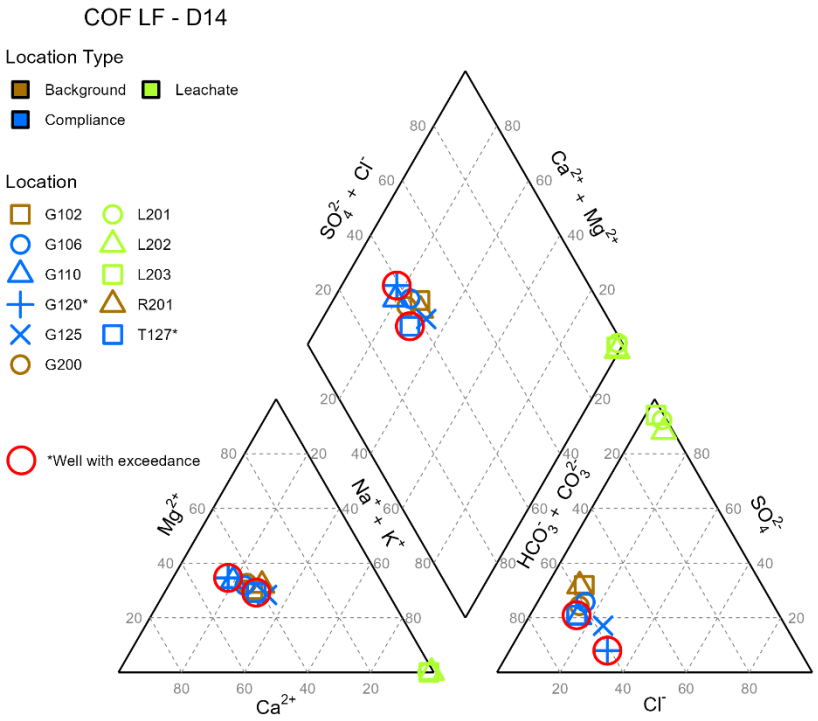


Figure A. Piper Diagram.
The Piper diagram above shows the ionic composition of samples of background and compliance groundwater and Landfill leachate.

3.3 LOE #3: Boron and Sulfate Concentrations in Compliance Groundwater Monitoring Wells Do Not Typically Exceed Background Limits.

Boron and sulfate can be indicators of CCR impacts to groundwater due to their leachability from CCR and mobility in groundwater. If the groundwater downgradient of the Landfill had been impacted by CCR from the unit, boron and sulfate concentrations would be expected to be elevated above background Upper Prediction Limits (UPLs) in the compliance wells. The UPL is an upper bound on background concentrations calculated for comparing downgradient measurements to background.

Landfill leachate samples collected between 2020 and February 2024 have elevated boron and sulfate concentrations, indicating that boron and sulfate are site-specific indicators for CCR (**Appendix A**). Monitoring wells G120 (the well with the chloride SSI) and T127 (the well with the fluoride SSI) typically had concentrations of both boron and sulfate below their respective UPLs (0.39 milligrams per liter [mg/L] and 351 mg/L) as summarized in **Table A** on the following page. There was a single exceedance of the boron UPL at monitoring well T127 during February 2022 sampling, as illustrated in **Figure B** (also on the following page). Overall, only 50 percent of boron samples collected from T127 have had detectable concentrations of boron and the elevated boron concentration during February 2022 did not coincide with an elevated sulfate

concentration (**Figure B**). Concentrations of boron and sulfate primarily below the UPLs indicate that G120 and T127 have not been affected by Landfill leachate. Therefore, the Landfill is not the source of the SSIs.

Table A. Summary Statistics for Boron and Sulfate Concentrations in Compliance Wells with D14 SSIs and Leachate Locations (November 2015 to February 2024).

Location	Boron (UPL=0.34 mg/L)		Sulfate (UPL=303 mg/L)	
	Minimum	*Maximum*	*Minimum*	*Maximum*
G120	<0.007	0.028	28	47
T127	<0.010	0.58	78	110
L201	8.4	9.1	6,500	6,690
L202	8.7	16	6,300	8,210
L203	9.9	15	7,420	8,900

Notes:
Analytical data for leachate locations begins in May 2020.

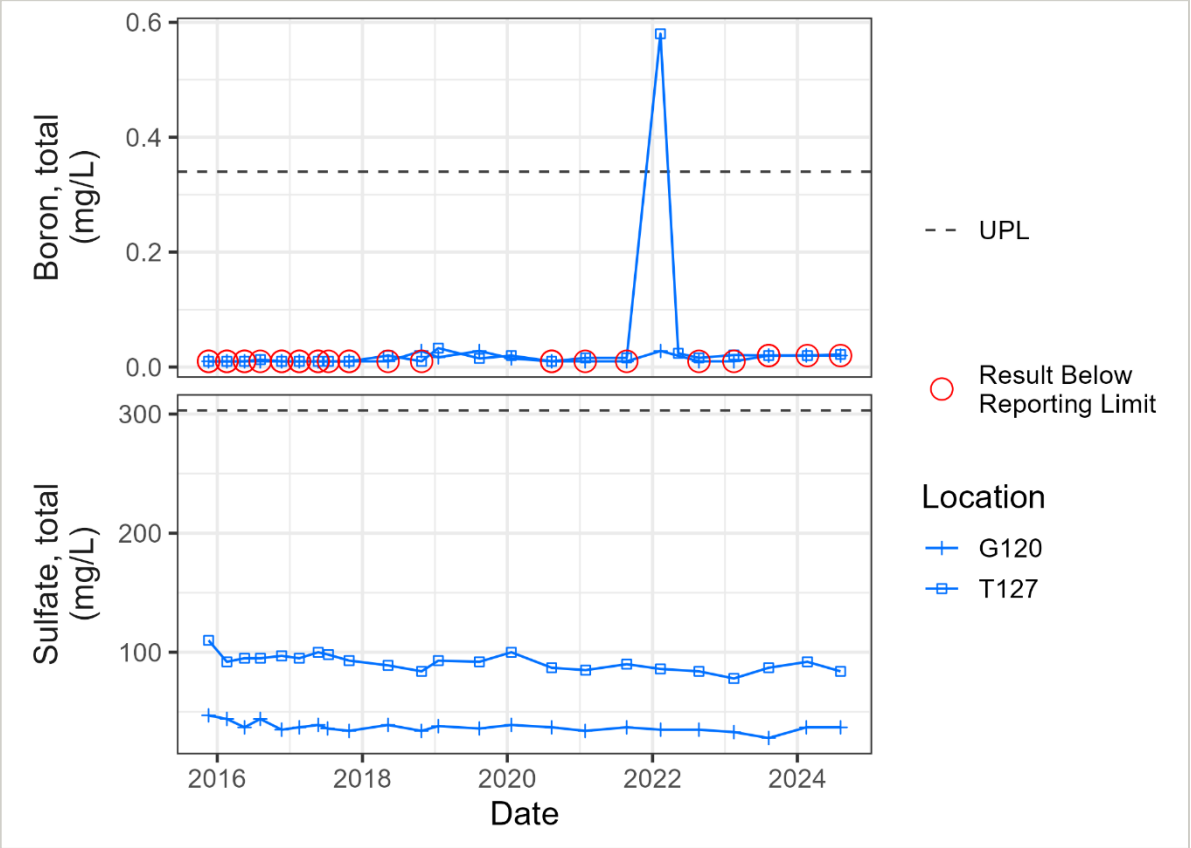


Figure B. Boron and Sulfate Concentrations in SSI Wells.
The time series above show the total boron and total sulfate concentrations in SSI wells G120 and T127 between 2015 and February 2024. All total boron concentrations are below the UPL in G120, and almost all boron concentrations are below the UPL in T127. All sulfate concentrations are below the UPL in G120 and T127. There is no corresponding peak in sulfate concentrations during Quarter 1, 2022 in T127.

4. CONCLUSIONS

Based on the three LOEs below, it has been demonstrated that the Landfill is not the source of, and has not contributed to, the SSIs of chloride in G120 and fluoride in T127.

1. Landfill liner design exceeds design criteria for new CCR landfills established by 40 C.F.R. § 257.70.
2. The major ion composition of Landfill groundwater is similar to background and distinct from Landfill leachate.
3. Boron and sulfate concentrations in compliance groundwater monitoring wells do not typically exceed background limits.

This information serves as the written ASD prepared in accordance with 40 C.F.R. § 257.94(e)(2) that the SSIs observed during the detection monitoring program D14 sampling event were not due to the CCR unit and the Landfill did not contribute to the SSIs. Therefore, an Assessment Monitoring Program is not required, and the Landfill will remain in Detection Monitoring.

5. REFERENCES

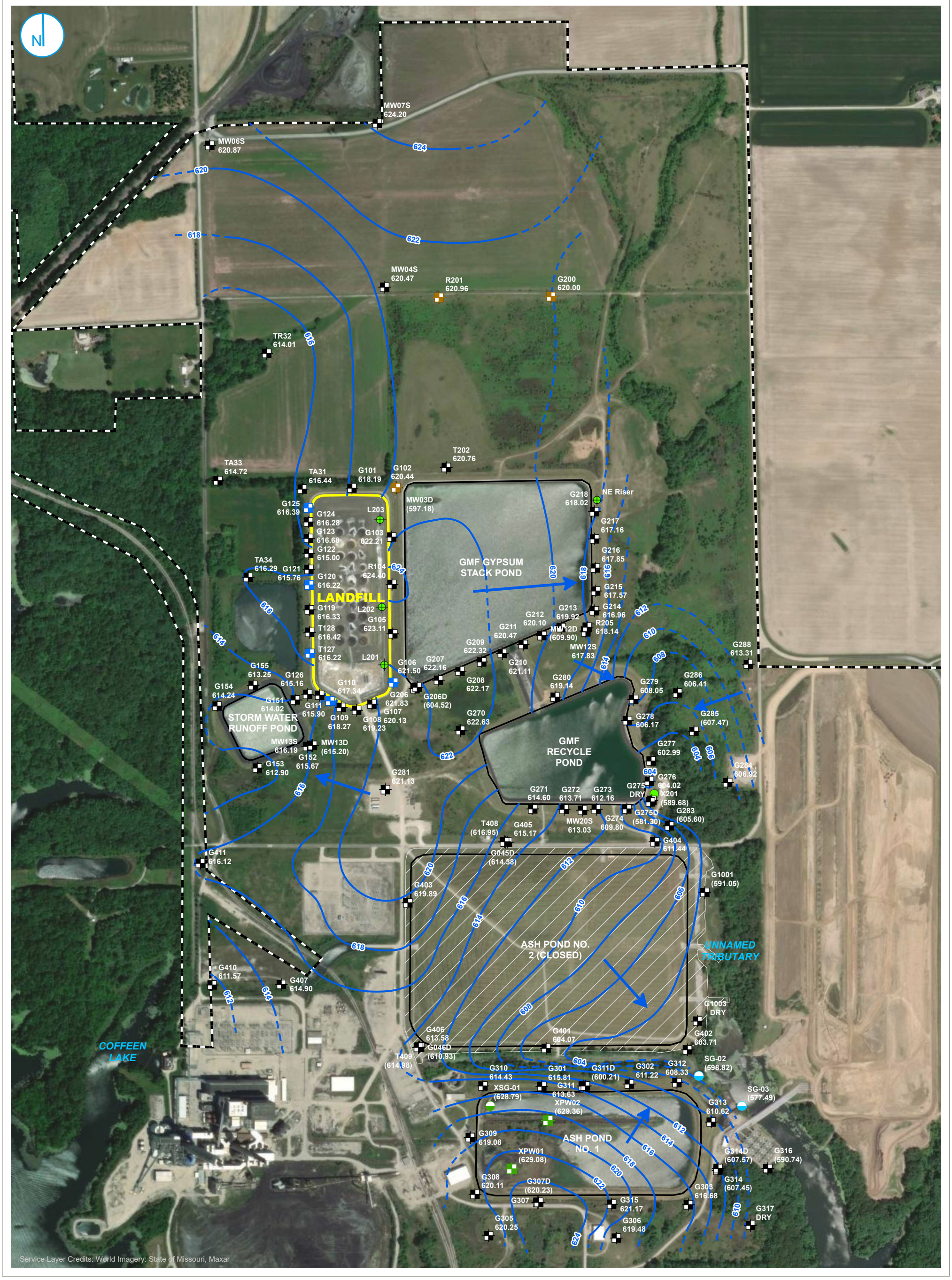
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FIGURES



COMPLIANCE MONITORING WELL
BACKGROUND MONITORING WELL
MONITORING WELL
PORE WATER WELL
CCR SOURCEWATER SAMPLE
STAFF GAGE, CCR UNIT
STAFF GAGE, RIVER

LEACHATE WELL
GROUNDWATER ELEVATION CONTOUR (2-FT CONTOUR INTERVAL, NAVD88)
INFERRED GROUNDWATER ELEVATION CONTOUR
GROUNDWATER FLOW DIRECTION
REGULATED UNIT (SUBJECT UNIT)
SITE FEATURE
PROPERTY BOUNDARY

0 325 650 Feet

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

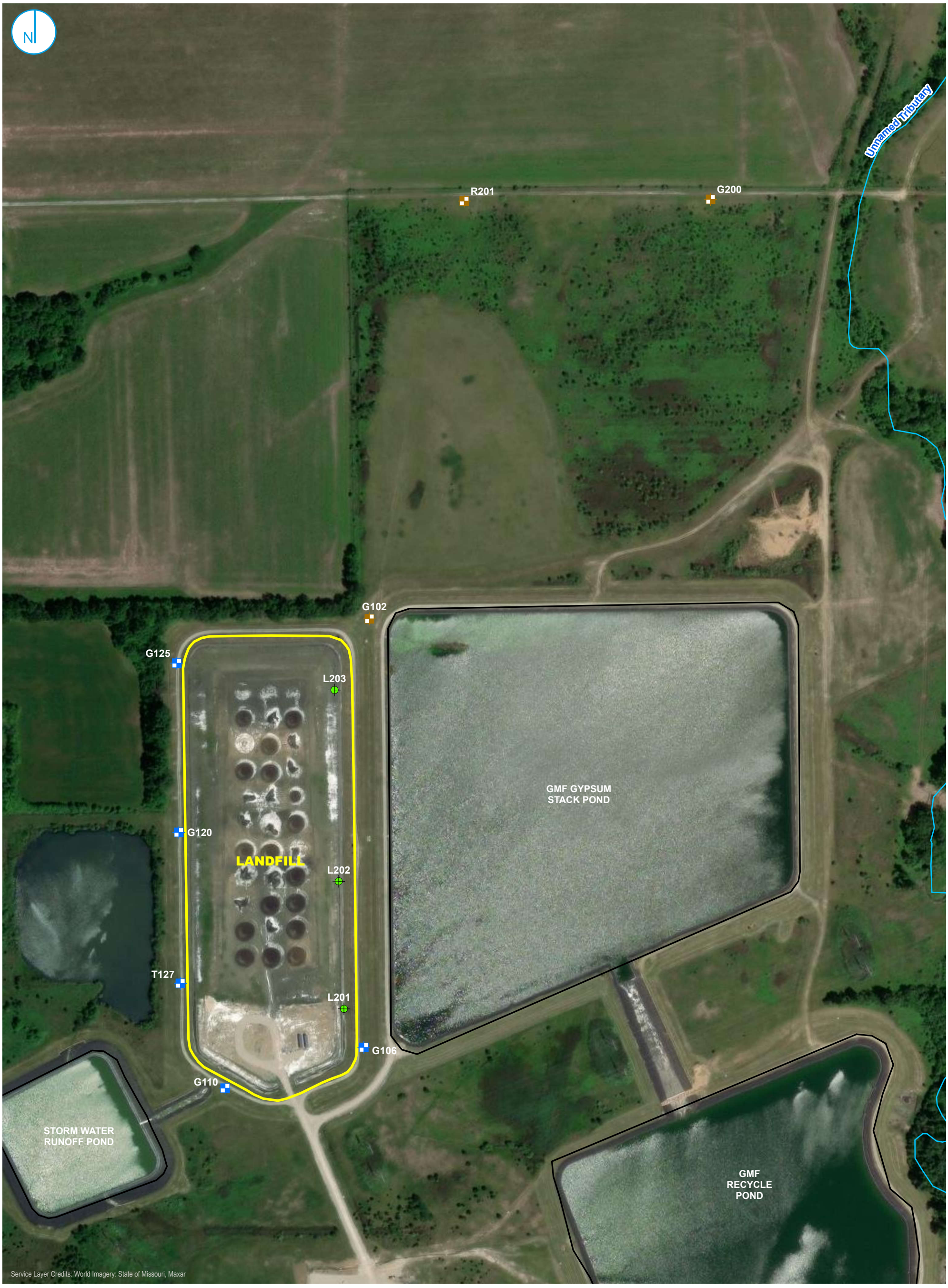
POTENTIOMETRIC SURFACE MAP FEBRUARY 12 AND 13, 2024

40 C.F.R. § 257.94(e)(2): ALTERNATIVE SOURCE DEMONSTRATION

COFFEEN POWER PLANT
COFFEEN, ILLINOIS

FIGURE 1

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.



COMPLIANCE MONITORING WELL
BACKGROUND WELL
LEACHATE WELL
REGULATED UNIT (SUBJECT UNIT)
SITE FEATURE
SURFACE WATER FEATURE

0 150 300
Feet

SAMPLE LOCATION MAP

40 C.F.R. § 257.94(e)(2): ALTERNATIVE SOURCE DEMONSTRATION
COFFEEN POWER PLANT
COFFEEN, ILLINOIS

FIGURE 2

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.

RAMBOLL

APPENDICES

APPENDIX A.
SUPPORTING GROUNDWATER ANALYTICAL DATA
40 C.F.R. § 257: ALTERNATIVE SOURCE DEMONSTRATION
COFFEEN POWER PLANT
LANDFILL
COFFEEN, IL

Well ID	Well Type	Date	Parameter	Result	Unit
G120	Compliance	11/18/2015	Boron, total	0.01 U	mg/L
G120	Compliance	02/18/2016	Boron, total	0.01 U	mg/L
G120	Compliance	05/17/2016	Boron, total	0.01 U	mg/L
G120	Compliance	08/04/2016	Boron, total	0.01 U	mg/L
G120	Compliance	11/20/2016	Boron, total	0.01 U	mg/L
G120	Compliance	02/17/2017	Boron, total	0.01 U	mg/L
G120	Compliance	05/23/2017	Boron, total	0.01 U	mg/L
G120	Compliance	07/09/2017	Boron, total	0.0100	mg/L
G120	Compliance	10/26/2017	Boron, total	0.01 U	mg/L
G120	Compliance	05/10/2018	Boron, total	0.01 U	mg/L
G120	Compliance	10/25/2018	Boron, total	0.0280	mg/L
G120	Compliance	01/18/2019	Boron, total	0.0170	mg/L
G120	Compliance	08/13/2019	Boron, total	0.0280	mg/L
G120	Compliance	01/21/2020	Boron, total	0.0150	mg/L
G120	Compliance	08/11/2020	Boron, total	0.01 U	mg/L
G120	Compliance	01/27/2021	Boron, total	0.01 U	mg/L
G120	Compliance	08/24/2021	Boron, total	0.01 U	mg/L
G120	Compliance	02/11/2022	Boron, total	0.0280	mg/L
G120	Compliance	08/23/2022	Boron, total	0.0071 U	mg/L
G120	Compliance	02/15/2023	Boron, total	0.0073 J	mg/L
G120	Compliance	08/09/2023	Boron, total	0.0092 U	mg/L
G120	Compliance	02/15/2024	Boron, total	0.0202 J+	mg/L
G120	Compliance	02/18/2016	Sulfate, total	44.0	mg/L
G120	Compliance	05/17/2016	Sulfate, total	37.0	mg/L
G120	Compliance	08/04/2016	Sulfate, total	44.0	mg/L
G120	Compliance	11/20/2016	Sulfate, total	35.0	mg/L
G120	Compliance	02/17/2017	Sulfate, total	37.0	mg/L
G120	Compliance	05/23/2017	Sulfate, total	39.0	mg/L
G120	Compliance	07/09/2017	Sulfate, total	36.0	mg/L
G120	Compliance	10/26/2017	Sulfate, total	34.0	mg/L
G120	Compliance	05/10/2018	Sulfate, total	39.0	mg/L
G120	Compliance	10/25/2018	Sulfate, total	34.0	mg/L
G120	Compliance	01/18/2019	Sulfate, total	38.0	mg/L
G120	Compliance	08/13/2019	Sulfate, total	36.0	mg/L
G120	Compliance	01/21/2020	Sulfate, total	39.0	mg/L
G120	Compliance	08/11/2020	Sulfate, total	37.0	mg/L
G120	Compliance	01/27/2021	Sulfate, total	34.0	mg/L
G120	Compliance	08/24/2021	Sulfate, total	37.0	mg/L
G120	Compliance	02/11/2022	Sulfate, total	35.0	mg/L
G120	Compliance	08/23/2022	Sulfate, total	35.0	mg/L
G120	Compliance	02/15/2023	Sulfate, total	33.0	mg/L
G120	Compliance	08/09/2023	Sulfate, total	28.0 J+	mg/L
G120	Compliance	02/15/2024	Sulfate, total	37.0	mg/L
T127	Compliance	11/18/2015	Boron, total	0.01 U	mg/L
T127	Compliance	02/18/2016	Boron, total	0.01 U	mg/L
T127	Compliance	05/17/2016	Boron, total	0.01 U	mg/L

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LANDFILL
COFFEEN, IL

Well ID	Well Type	Date	Parameter	Result	Unit
T127	Compliance	08/05/2016	Boron, total	0.0130	mg/L
T127	Compliance	11/20/2016	Boron, total	0.01 U	mg/L
T127	Compliance	02/17/2017	Boron, total	0.01 U	mg/L
T127	Compliance	05/23/2017	Boron, total	0.01 U	mg/L
T127	Compliance	07/14/2017	Boron, total	0.01 U	mg/L
T127	Compliance	10/26/2017	Boron, total	0.01 U	mg/L
T127	Compliance	05/10/2018	Boron, total	0.0200	mg/L
T127	Compliance	10/26/2018	Boron, total	0.01 U	mg/L
T127	Compliance	01/18/2019	Boron, total	0.0330	mg/L
T127	Compliance	08/13/2019	Boron, total	0.0150	mg/L
T127	Compliance	01/21/2020	Boron, total	0.0200	mg/L
T127	Compliance	08/11/2020	Boron, total	0.01 U	mg/L
T127	Compliance	01/29/2021	Boron, total	0.0160	mg/L
T127	Compliance	08/24/2021	Boron, total	0.0160	mg/L
T127	Compliance	02/10/2022	Boron, total	0.580	mg/L
T127	Compliance	05/11/2022	Boron, total	0.0240	mg/L
T127	Compliance	08/23/2022	Boron, total	0.0160	mg/L
T127	Compliance	02/15/2023	Boron, total	0.0210	mg/L
T127	Compliance	08/09/2023	Boron, total	0.02 UJ	mg/L
T127	Compliance	02/20/2024	Boron, total	0.02 UJ	mg/L
T127	Compliance	11/18/2015	Sulfate, total	110	mg/L
T127	Compliance	02/18/2016	Sulfate, total	92.0	mg/L
T127	Compliance	05/17/2016	Sulfate, total	95.0	mg/L
T127	Compliance	08/05/2016	Sulfate, total	95.0	mg/L
T127	Compliance	11/20/2016	Sulfate, total	97.0	mg/L
T127	Compliance	02/17/2017	Sulfate, total	95.0	mg/L
T127	Compliance	05/23/2017	Sulfate, total	100	mg/L
T127	Compliance	07/14/2017	Sulfate, total	98.0	mg/L
T127	Compliance	10/26/2017	Sulfate, total	93.0	mg/L
T127	Compliance	05/10/2018	Sulfate, total	89.0	mg/L
T127	Compliance	10/26/2018	Sulfate, total	84.0	mg/L
T127	Compliance	01/18/2019	Sulfate, total	93.0	mg/L
T127	Compliance	08/13/2019	Sulfate, total	92.0	mg/L
T127	Compliance	01/21/2020	Sulfate, total	100	mg/L
T127	Compliance	08/11/2020	Sulfate, total	87.0	mg/L
T127	Compliance	01/29/2021	Sulfate, total	85.0	mg/L
T127	Compliance	08/24/2021	Sulfate, total	90.0	mg/L
T127	Compliance	02/10/2022	Sulfate, total	86.0	mg/L
T127	Compliance	08/23/2022	Sulfate, total	84.0	mg/L
T127	Compliance	02/15/2023	Sulfate, total	78.0	mg/L
T127	Compliance	08/09/2023	Sulfate, total	87.0 J-	mg/L
T127	Compliance	02/20/2024	Sulfate, total	92.0	mg/L
L201	Leachate	06/07/2023	Boron, total	9.10	mg/L
L201	Leachate	02/22/2024	Boron, total	8.42	mg/L
L201	Leachate	06/07/2023	Sulfate, total	6,500	mg/L
L201	Leachate	02/22/2024	Sulfate, total	6,690	mg/L

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COFFEEN, IL

Well ID	Well Type	Date	Parameter	Result	Unit
L202	Leachate	10/27/2020	Boron, total	8.70	mg/L
L202	Leachate	11/10/2022	Boron, total	12.0	mg/L
L202	Leachate	11/16/2023	Boron, total	12.8	mg/L
L202	Leachate	02/22/2024	Boron, total	16.0	mg/L
L202	Leachate	10/27/2020	Sulfate, total	6,300	mg/L
L202	Leachate	11/10/2022	Sulfate, total	7,500	mg/L
L202	Leachate	11/16/2023	Sulfate, total	8,210	mg/L
L202	Leachate	02/22/2024	Sulfate, total	7,820	mg/L
L203	Leachate	08/26/2020	Boron, total	13.0	mg/L
L203	Leachate	02/01/2021	Boron, total	9.90	mg/L
L203	Leachate	08/23/2021	Boron, total	13.0	mg/L
L203	Leachate	11/29/2021	Boron, total	13.0	mg/L
L203	Leachate	02/22/2024	Boron, total	15.0	mg/L
L203	Leachate	05/07/2020	Sulfate, total	7,800	mg/L
L203	Leachate	08/26/2020	Sulfate, total	7,800	mg/L
L203	Leachate	02/01/2021	Sulfate, total	7,700	mg/L
L203	Leachate	08/23/2021	Sulfate, total	8,500	mg/L
L203	Leachate	11/29/2021	Sulfate, total	8,700	mg/L
L203	Leachate	06/15/2022	Sulfate, total	8,800	mg/L
L203	Leachate	08/23/2022	Sulfate, total	8,900	mg/L
L203	Leachate	02/15/2023	Sulfate, total	8,400	mg/L
L203	Leachate	02/22/2024	Sulfate, total	7,420	mg/L

Notes:
mg/L = milligrams per liter
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 low.
J+ = The result is an estimated quantity, but the result may be biased high.
U = The analyte was analyzed for, but was not detected above the level of the adjusted detection limit or quantitation limit, as appropriate.
UJ = The analyte was analyzed for, but was not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.